

Price List



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G-Series
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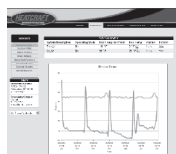
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Thin Profile Air Defrost

Overview



Product Description

Model TA is a thin profile air defrost unit which mounts in the top of a refrigerator and makes the entire top shelf area usable. The attractive low silhouette makes the unit particularly desirable for display type refrigerators. It can also be used in back bars, under counter cabinets, or wherever space is at a premium and is ideal for 35° to 45°F fixtures at 10° to 15° TD applications with 16 hours maximum compressor run time per day.

Certifications



Standard Features

- Textured aluminum cabinet
- Molded Polycarbonate guards and fans
- Drain fitting mounted at 45° angle so drain can be run through back or bottom of refrigerator
- Expansion valve can be mounted inside the cabinet
- Stainless steel screws
- Motors are thermally protected and permanently lubricated
- Convenient, moisture proof motor plug
- Compact design achieves a big job in a small space
- Internal junction box for electrical connection
- Sweat inlet connection standard to reduce leaks

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model TAK) for enhanced protection in corrosive environments

Model Pricing

Bohn Standard Model	Voltage	List Price (\$US)
TA10AG	115/1/60	627
TA10BG	208-230/1/60	674
TA13AG	115/1/60	811
TA13BG	208-230/1/60	869
TA17AG	115/1/60	948
TA17BG	208-230/1/60	1,012
TA23AG	115/1/60	1,206
TA23BG	208-230/1/60	1,294
TA30AG	115/1/60	1,498
TA30BG	208-230/1/60	1,601

Bohn Standard Model	Voltage	List Price (\$US)
TA43AG	115/1/60	2,024
TA43BG	208-230/1/60	2,164
TA55AG	115/1/60	2,564
TA55BG	208-230/1/60	2,743
TAK10AG	115/1/60	732
TAK10BG	208-230/1/60	785
TAK13AG	115/1/60	931
TAK13BG	208-230/1/60	1,000
TAK17AG	115/1/60	1,061
TAK17BG	208-230/1/60	1,137

Bohn Standard Model	Voltage	List Price (\$US)
TAK23AG	115/1/60	1,343
TAK23BG	208-230/1/60	1,437
TAK30AG	115/1/60	1,639
TAK30BG	208-230/1/60	1,753
TAK43AG	115/1/60	2,224
TAK43BG	208-230/1/60	2,381
TAK55AG	115/1/60	2,853
TAK55BG	208-230/1/60	3,056

Nomenclature

TA	K	17	B	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Thin Profile Air Defrost	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Thin Profile Electric Defrost

Overview



Product Description

Model TL low temperature unit cooler has a completely automatic defrost system. Mounted in the top of a refrigerator, its extremely compact cabinet makes it possible to utilize the entire top shelf area for storage. Having a normal operating range of +20°F. to -20°F., this unit is ideally suited applications including commercial freezers, ice cream boxes, bakery freezers and dual-temp reach-in boxes. Mechanical contact is provided between the heater elements and the drain pan, ensuring a warm pan during the defrost cycle. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Electric defrost ensures positive heat source
- Built-in fan delay allows coil to be chilled before returning to the normal cooling cycle
- Defrost terminates on coil temperature eliminating excessive defrost period
- Textured aluminum cabinet
- Molded Polycarbonate guard
- Knockouts provided on sides for electrical connections - opening in rear for coil connections
- Expansion valve can be mounted inside the cabinet
- Stainless steel screws
- Motors are thermally protected and permanently lubricated
- Internal junction box for electrical connection
- Plate type aluminum fins with full collars on expanded copper tubes
- Coils are dehydrated and sealed
- Easy to install and maintain
- Sweat inlet connection to reduce leaks
- All models UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- EC motors available for some models

Model Pricing

Bohn Standard Model	Voltage	List Price (\$US)
TL09AG	115/1/60	1,046
TL09BG	208-230/1/60	1,046
TL12AG	115/1/60	1,258
TL12BG	208-230/1/60	1,258
TL16AG	115/1/60	1,555
TL16BG	208-230/1/60	1,555

Bohn Standard Model	Voltage	List Price (\$US)
TL21AG	115/1/60	1,767
TL21BG	208-230/1/60	1,767
TL28AG	208-230/1/60	2,224
TL28BG	208-230/1/60	2,224
TL35BG	208-230/1/60	2,509
TL53BG	208-230/1/60	3,454

Nomenclature

TL	12	B	G
Model Series	Model Size	Electrical Code	Vintage
Thin Profile Electric Defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

C Profile

Overview



Product Description

Model C is ideal for refrigerated reach-ins. It mounts to the top of the refrigerator and discharges cold air against the back wall. With this air flow pattern, the air is not blasted on the product but is diffused along the back wall and then gently drawn across the product as it returns to the unit. Thus, uniform temperatures are maintained throughout the refrigerator. In addition, door sweating and refrigeration loss due to door opening is greatly reduced because the air is not discharged against the doors. Mounting is made easy by means of aluminum hangers that automatically space the unit the correct distance from the back wall. The expansion valve fits inside, out of sight. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Textured aluminum cabinet
- Molded Polycarbonate guard
- Drain fitting at 45-degree angle so drain can be run through bottom or back of refrigerator
- Aluminum hangers automatically space the unit to the correct distance from the back wall
- Stainless steel screws prevent rust streaks
- Room for expansion valve inside the unit
- Knockouts in sides and top plus openings in rear provide maximum flexibility for electrical connection
- Full collar aluminum fins on expanded copper tubes
- Internal junction box with pigtail leads for electrical connection
- Motors are thermally protected and permanently lubricated
- Sweat inlet connection standard to reduce leaks
- All models UL listed for US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model CK) for enhanced protection in corrosive environments
- EC motors available

Model Pricing

Bohn Standard Model	Voltage	List Price (\$US)
C13AG	115/1/60	803
C13BG	208-230/1/60	862
C17AG	115/1/60	848
C17BG	208-230/1/60	911
C23AG	115/1/60	987
C23BG	208-230/1/60	1,060
C30AG	115/1/60	1,271
C30BG	208-230/1/60	1,413
C43AG	115/1/60	1,588
C43BG	208-230/1/60	1,702

Bohn Standard Model	Voltage	List Price (\$US)
CK13AG	115/1/60	862
CK13BG	208-230/1/60	922
CK17AG	115/1/60	920
CK17BG	208-230/1/60	983
CK23AG	115/1/60	1,061
CK23BG	208-230/1/60	1,137
CK30AG	115/1/60	1,467
CK30BG	208-230/1/60	1,564
CK43AG	115/1/60	1,892
CK43BG	208-230/1/60	2,028

Nomenclature

C	K	43	B	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
High Profile Unit Cooler	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

V Profile

Overview



Product Description

Model VA is a deluxe unit designed for use in small reach-ins, back bar and under counter refrigerators, and many other applications where a small, compact unit is required. The thermal expansion valve mounts inside the unit. The unit can be mounted from the ceiling or off the back wall or end walls, or can be used in a mullion application. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Textured aluminum cabinet
- Molded Polycarbonate fan guard
- Improved drain pan overlaps coil surface to catch all condensate
- Stainless steel screws prevent rust streaks
- Plate-type aluminum fins with full collars on expanded copper tubes
- Expansion valve can be mounted inside the cabinet
- Internal junction box for electrical connection
- Pigtail leads in junction box
- Motors are thermally protected and permanently lubricated
- Top quality throughout in a compact size
- Sweat inlet connection standard to reduce leaks
- All models UL listed for US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model VAK) for enhanced protection in corrosive environments
- EC motors available for some models

Models Pricing

Bohn Standard Model	Voltage	List Price (\$US)
VA06AG	115/1/60	528
VA06BG	208-230/1/60	565
VA08AG	115/1/60	565
VA08BG	208-230/1/60	609
VA12AG	115/1/60	769
VA12BG	208-230/1/60	826
VA17AG	115/1/60	869
VA17BG	208-230/1/60	928

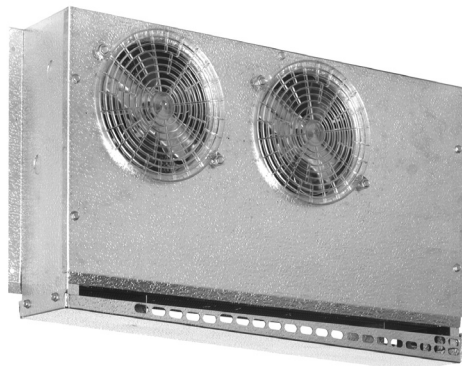
Bohn Standard Model	Voltage	List Price (\$US)
VAK06AG	115/1/60	610
VAK06BG	208-230/1/60	648
VAK08AG	115/1/60	644
VAK08BG	208-230/1/60	689
VAK12AG	115/1/60	832
VAK12BG	208-230/1/60	890
VAK17AG	115/1/60	931
VAK17BG	208-230/1/60	1,000

Nomenclature

VA	K	08	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
V Profile Unit Cooler	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Back Bar

Overview



Product Description

Model BB, available in medium and low temperature, a compact, wall-mounted units featuring a low height making them ideal for under counter reach-in or drawertype fixtures. The unit draws air in at the bottom and discharges out the front. An optional air deflector is included and can be mounted over the center of the fan to direct air up and out. The deflector can be fieldformed to direct the air where needed, usually onto drop-in trays of condiments in salad bar or sandwich preparation fixtures. An S-type mounting angle is included to position the unit 3/4" off the wall, allowing for optimum air circulation and performance.

Certifications



Standard Features

- Molded Polycarbonate fan guards
- Coils have copper tubes with aluminum fins, mechanically bonded for efficient heat transfer. The coils are dehydrated and sealed
- Textured aluminum cabinet
- Knockouts are conveniently located for refrigerant lines
- Screws are hardened, stainless steel
- Expansion valve can be mounted inside the cabinet and connections are sweat-type
- Motors are thermally protected and permanently lubricated
- Master units include the basic unit plus factory mounted expansion valve, solenoid, and temperature control. Also right-hand piping extended 8" - 12" outside the housing, sealed and pressurized to 20 - 30 PSI. A 1/4" OD liquid feed to slave is included
- Slave units include the basic unit plus factory mounted expansion valve with left-hand piping extended 8" - 12" outside the housing, sealed and pressurized to 20 - 30 PSI
- Sweat inlet connection to reduce leaks

Options

- Flare connection available as a ship loose option
- Consult Factory for 208-230V units

Model Pricing

Consult factory for 208-230V units

Bohn Standard Model	Voltage	List Price (\$US)
BBM11AG	115/1/60	1,095
BBM16AG	115/1/60	1,321
BBMM11AG	115/1/60	2,411
BBMM16AG	115/1/60	2,641
BBMS11AG	115/1/60	2,093
BBMS16AG	115/1/60	2,325

Bohn Standard Model	Voltage	List Price (\$US)
BBL10AG	115/1/60	1,475
BBL15AG	115/1/60	1,752
BBLM10AG	115/1/60	3,186
BBLM15AG	115/1/60	3,555
BBLS10AG	115/1/60	2,868
BBLS15AG	115/1/60	3,238

Nomenclature

BB	L	S	10	A	G
Model Series	Unit Temp	Unit Type	Model Size	Electrical Code	Vintage
Back Bar Unit Cooler	L = Low M = Medium	Blank = Standard S = Slave M = Master	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Mullion

Overview



Product Description

Model KMK is ideal for under-counter reachin refrigerators. The thin line design allows the unit to be mounted behind the mullion with sufficient clearance for tray slides. A down flow fan arrangement is used with air drawn in at the top and discharged at the bottom. This design provides superior air circulation and ensures uniform temperature throughout the cabinet. This versatile design is also adaptable for mounting on the back wall or ends of a cooler. The method of air circulation ensures minimum box temperature rise when the cabinet doors are open. Ideal for bottled goods and beverage coolers.

Certifications



Standard Features

- Light grained aluminum cabinets
- PVC coated fan guard
- Stainless steel hardware
- Coils have full collar aluminum fins on expanded copper tubes
- Coated coil for enhanced protection in corrosive environments
- Refrigerant connection knockouts provided on both ends of unit
- Expansion valve can be mounted inside the cabinet
- Motors are thermally protected and permanently lubricated
- Internal junction box for electrical connection
- Adjustable air deflector included provides different air patterns. Air can be directed where it's needed
- Sweat inlet connection to reduce leaks
- All models UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option

Model Pricing

Bohn Standard Model	Voltage	List Price (\$US)
KMK13AG	115/1/60	1,153
KMK13BG	208-230/1/60	1,232
KMK17AG	115/1/60	1,394
KMK17BG	208-230/1/60	1,489
KMK23AG	115/1/60	1,668
KMK23BG	208-230/1/60	1,785

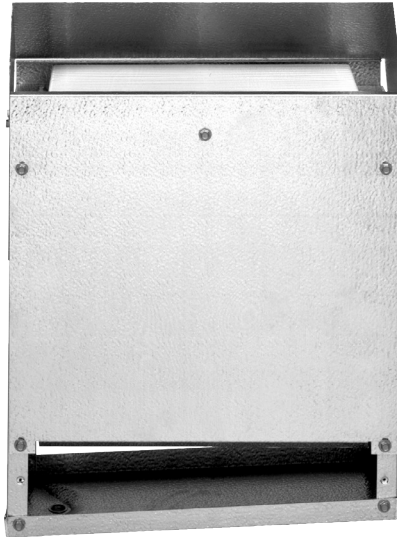
Nomenclature

KM	K	13	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Kompact Mullion	K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Section 1

Reverse Mullion

Overview



Product Description

Model RAMK is ideal for under-counter reach-in refrigerators, under-counter drawer type refrigerators and salad bars. The unit is suitable for mounting behind a mullion or on a wall. An up flow air pattern is used with air drawn in at the bottom and discharged out the top. This provides optimum temperature for drop in trays on salad bars or prep tables. It also keeps drawer stored product in premium condition.

An adjustable and detachable air deflector/splash protector is included. The deflector can be adjusted to direct the air up and out at a 45° angle. This feature provides excellent air distribution over drop in trays or containers. Food in the trays and containers stays colder, lasts longer, and retains the desired appearance. The deflector can be adjusted to distribute air out both sides when used as a mullion unit.

Certifications



Standard Features

- Textured aluminum cabinet
- PVC coated fan guard
- Stainless steel hardware
- Coils have full collar aluminum fins on expanded copper tubes
- Coated coil for enhanced protection in corrosive environments
- Refrigerant connection knockouts provided on both ends of unit
- Expansion valve can be mounted inside the cabinet
- Motors are thermally protected and permanently lubricated
- Internal junction box for electrical connection
- Adjustable air deflector included provides different air patterns. Air can be directed where it's needed
- Sweat inlet connection standard to reduce leaks
- All models are UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option

Models Pricing

Bohn Standard Model	Voltage	List Price (\$US)
RAMK13AG	115/1/60	1,153
RAMK13BG	208-230/1/60	1,232
RAMK17AG	115/1/60	1,394
RAMK17BG	208-230/1/60	1,489
RAMK23AG	115/1/60	1,668
RAMK23BG	208-230/1/60	1,785

Nomenclature

RAM	K	13	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Reverse Air Flow Kompact Mullion	K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Twin Flow

Overview



Product Description

Model BTO is a compact two-way design with medium velocity airflow. The unit is mounted flush to the ceiling and draws air in through the fan and discharges out both sides. The air pattern reduces air loss when doors are opened and the medium velocity reduces product drying. Twin flow units are for temperatures of 35°F. and higher. Box temperatures are kept more constant throughout and fresh products last longer. Seven sizes are available with BTUH from 900 to 5500 at 10° TD. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

- Compact two-way design with medium velocity air flow
- Mounts flush to the ceiling and draws air in through the fan and discharges out both sides
- Air pattern reduces air loss when doors are opened and the medium velocity reduces product drying
- Textured aluminum cabinet
- Stainless steel fasteners
- Molded Polycarbonate fan guards
- Drain pan and fan panel is easily removed for installation and servicing
- Coils are constructed of copper tubing with aluminum fins
- Expansion valve can be mounted inside the cabinet
- Internal junction box is provided for electrical connection
- Motors are thermally protected and permanently lubricated
- Sweat inlet connection to reduce leaks
- All models are UL listed for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option
- Optional coated coil available (Model BTOK) for enhanced protection in corrosive environments
- EC motors available for some models

Model Pricing

Bohn Standard Model	Voltage	List Price (\$US)
BTO09AG	115/1/60	660
BTO09BG	208-230/1/60	706
BTO13AG	115/1/60	870
BTO13BG	208-230/1/60	930
BTO18AG	115/1/60	1,010
BTO18BG	208-230/1/60	1,080
BTO25AG	115/1/60	1,242
BTO25BG	208-230/1/60	1,323
BTO35AG	115/1/60	1,610
BTO35BG	208-230/1/60	1,720
BTO45AG	115/1/60	2,039
BTO45BG	208-230/1/60	2,183
BTO55AG	115/1/60	2,589
BTO55BG	208-230/1/60	2,772
BTOK09AG	115/1/60	781
BTOK09BG	208-230/1/60	839
BTOK13AG	115/1/60	937
BTOK13BG	208-230/1/60	1,002
BTOK18AG	115/1/60	1,187
BTOK18BG	208-230/1/60	1,271
BTOK25AG	115/1/60	1,463
BTOK25BG	208-230/1/60	1,561
BTOK35AG	115/1/60	1,897
BTOK35BG	208-230/1/60	2,030
BTOK45AG	115/1/60	2,375
BTOK45BG	208-230/1/60	2,540
BTOK55AG	115/1/60	2,950
BTOK55BG	208-230/1/60	3,158

Nomenclature

BTO	K	09	A	G
Model Series	Coil Option	Model Size	Electrical Code	Vintage
Twin Flow Unit Cooler	Blank = Standard K = Coated	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	

Dual Air

Overview



Product Description

Model U unit cooler is used wherever a small, compact unit is required, such as salad boxes, back bars and direct draw boxes. It can be mounted on the ceiling or wall. The Model U unit draws air in through the front and discharges it out both sides to ensure proper distribution of cool air and thus maintain a uniform box temperature.

Certifications



Standard Features

- Textured aluminum cabinet
- Full collar aluminum fins on expanded copper tubes
- Detachable drain pan that is easy to clean
- Molded 3-prong motor connector to save installation time and expense
- Motors are thermally protected and permanently lubricated
- Optional coated coil available (Model UK) for enhanced protection in corrosive environments
- Sweat inlet connection to reduce leaks
- All models are UL recognized for the US and Canada
- UL classified to NSF standards

Options

- Flare connection available as a ship loose option

Model Pricing

Bohn Standard Model	Voltage	List Price (\$US)
U0090	115/1/60	651
U0091	208-230/1/60	858
U0120	115/1/60	741
U0121	208-230/1/60	928
U0150	115/1/60	830
U0151	208-230/1/60	1,028
UK0090	115/1/60	746
UK0091	208-230/1/60	975
UK0120	115/1/60	843
UK0121	208-230/1/60	1,074
UK0150	115/1/60	948
UK0151	208-230/1/60	1,163

Nomenclature

U	K	09	0
Model Series	Coil Option	Model Size	Electrical Code
Dual Aire Standard Coil	Blank = Standard K = Coated	# x 100 = BTUH	0 = 115/1/60 1 = 208-230/1/60

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
28963101	Electronic Room Thermostat	347	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	257	-

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under	11,000 BTUH and under

Extended Thin Profile

Overview



Product Description

Extended Thin Profile LTA & LTL unit coolers are the most compact designed units for reach in display cases. The unit's low height design allows the unit to 'hide' at the top of the cooler, which gives the case a cleaner look and also allows for more room for shelves and product. These units have front access end panels for easy access to the refrigerant and electrical compartments, along with modular front access panels that make it easy to access the motors. Internally enhanced tube design produces better unit performance.

Better performance, easy installation, serviceability and high quality make this unit the perfect fit for your display case needs.

Certifications



Standard Features

- Low height makes it the most compact unit for display cases where space is limited, giving the case a clean look and allowing for more shelving and product storage
- Textured aluminum cabinet
- Easy access to motors and the refrigerant and electrical components with front access panels
- Modular front access panels can be removed independently of the drain pan
- Plastic vibration isolators for fan panels and drain pan reduce noise and vibration
- Liquid-line solenoid wire harness comes standard for quick installation
- Internally enhanced tube design produces better unit performance
- Heaters are attached to the coil for easier serviceability
- Defrost termination control
- Fan delay control
- Heater safety control

Nomenclature

LT	A	053	B	A
Model Series	Model Type	Model Size	Electrical Code	Vintage
Extended Thin Profile Unit Cooler	A = Air Defrost L = Electric Defrost	# x 100 = BTUH	AE = 115/1/60 (EC Motors) BE = 208-230/1/60 (EC Motors) S = Configurable	

Extended Thin Profile

Models & Options Pricing

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders(\$US)						
			Electrical Options		Mechanical Options			Coil Options	
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	White Cabinet	BohnGuard™ Fin Protection	Copper Fin Coils
Air Defrost Models with EC Motors, 115/1/60									
LTA053AEA	LTA053SA	3,012	2,530	291	407	692	192	1,021	Call Factory
LTA079AEA	LTA079SA	3,364	2,530	291	407	692	192	1,021	Call Factory
LTA102AEA	LTA102SA	4,117	2,530	291	407	692	192	1,021	Call Factory
LTA134AEA	LTA134SA	4,779	2,530	291	407	692	192	1,021	Call Factory
LTA172AEA	LTA172SA	5,399	2,530	291	407	692	192	1,021	Call Factory
Air Defrost Models with EC Motors, 208-230/1/60									
LTA053BEA	LTA053SA	3,012	2,530	291	407	692	192	1,021	Call Factory
LTA079BEA	LTA079SA	3,364	2,530	291	407	692	192	1,021	Call Factory
LTA102BEA	LTA102SA	4,117	2,530	291	407	692	192	1,021	Call Factory
LTA134BEA	LTA134SA	4,779	2,530	291	407	692	192	1,021	Call Factory
LTA172BEA	LTA172SA	5,399	2,530	291	407	692	192	1,021	Call Factory
Electric Defrost Models with EC Motors, 208-230/1/60									
LTL046BEA	LTL046SA	3,222	2,530	291	407	692	192	-	Call Factory
LTL068BEA	LTL068SA	3,618	2,530	291	407	692	192	-	Call Factory
LTL093BEA	LTL093SA	4,460	2,530	291	407	692	192	-	Call Factory
LTL115BEA	LTL115SA	5,154	2,530	291	407	692	192	-	Call Factory
LTL133BEA	LTL133SA	5,841	2,530	291	407	692	192	-	Call Factory

Section 1

Extended Thin Profile

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
28963101	Electronic Room Thermostat	347	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	257	-

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

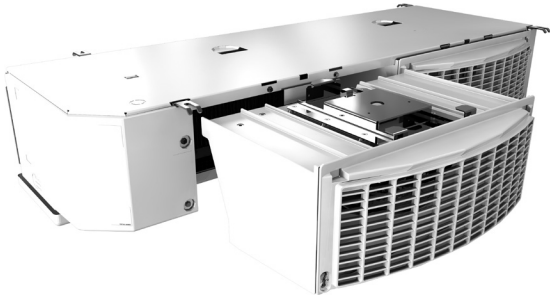
Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	305	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH

Slim Contour

Overview



Standard Features

Ease of Installation & Service

- Modular fan cassettes for easy access to all components and service outside of cooler
- Fans can be removed during installation making mounting of the unit easier and safer
- Easily removed fan guard made from dishwasher safe polymer
- Coil accessible, from both the front and rear of the unit, for cleaning without removing drain pan
- Easy access to drain pan for cleaning
- Mechanical and electrical components accessible through same panel

Reliable & Durable

- Sweat connections to reduce potential for leaks
- Molded fan guard design made of strong plastic material
- Cabinet cleans easily and looks attractive

Performance

- Energy efficient EC (Electronically Commutated) Motors are standard
- Hybrid design of high grade polymer with metal back
- Sweat connections to reduce potential for leaks
- Up to 40% reduction in refrigerant charge vs. traditional evaporators

Reduced Profile

- 30% lower unit height allows for improved storage
- Rear angled drain line further increases storage capacity

Product Description

The Slim Contour, an innovative unit cooler with space-saving design features offers enhanced serviceability and maximum cooling performance. These units are ideal for applications in the food service industry where maximizing storage capacity in a walk-in cooler is critical. Opting for the Beacon II™ Refrigeration System will further increase energy efficiency and operational cost savings.

Certifications



UL	A	041	A	E	A
Model Series	Model Type	Capacity	Electrical Code	Motor Code	Vintage
Slim Contour	A = Air Defrost E = Electric Defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	E = EC Motor	

Slim Contour

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price (\$US)							
			Electrical Options		Mechanical Options		Coil Options			
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60										
ULA041AEA	ULA041SA	2,025	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA050AEA	ULA050SA	2,138	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA072AEA	ULA072SA	3,150	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA100AEA	ULA100SA	3,555	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA132AEA	ULA132SA	4,185	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA153AEA	ULA153SA	5,063	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60										
ULA041BEA	ULA041SA	2,025	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA050BEA	ULA050SA	2,138	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA072BEA	ULA072SA	3,150	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA100BEA	ULA100SA	3,555	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA132BEA	ULA132SA	4,185	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULA153BEA	ULA153SA	5,063	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve.

Slim Contour

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price							
				Electrical Option		Mechanical Option		Coil Options			
				Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	BohnKote™	Electrofin Coil	BohnGuard™ Fin	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60											
ULE035BEA	ULE035SA	7	2,813	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULE043BEA	ULE043SA	7	3,240	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULE068BEA	ULE068SA	7	4,343	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULE092BEA	ULE092SA	7	4,748	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULE112BEA	ULE112SA	7	6,233	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory
ULE140BEA	ULE140SA	7	6,998	1,399	291	407	692	Call Factory	Call Factory	Call Factory	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve.

Slim Contour

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
Electric Room Thermostat			
28963101	Electric Room Thermostat	334	-

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	305	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH

Low Profile

Overview



Product Description

The low profile unit cooler, available in air, electric, and hot gas defrost, is designed for maximum capacity while occupying a minimum amount of space inside a walk-in cooler or freezer. These units are ideal for many applications including restaurants and convenience stores. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Cabinet design features front access panels on each side for easy access to electrical and refrigeration components
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Liquid line solenoid wire harness is factory-installed for quick installation
- Pre-drilled holes on the back of the unit for room thermostat
- Coil heater slots have been enlarged for easier installation and replacement
- On 4-6 fan models, drain pan has a lanyard for easy and safe access
- Motors plug into wiring harness for easier servicing
- Hot gas loop on bottom of coil for easier access is standard for hot gas defrost models

Reliable & Durable

- Sweat connections to reduce potential for leaks
- Molded fan guard design made of strong plastic material
- Heavy gauge grained aluminum cabinet cleans easily and looks attractive

Performance

- Internal panels are isolated for quiet operation
- Internally enhanced tubing and fin design for higher efficiency
- Reduced heater wattages
- Fixed defrost termination for electric, adjustable defrost termination for hot gas
- Extended drain pan heaters for more uniform defrost throughout the drain pan and additional heat in end compartments

Versatile

- Large diameter drain hole (3/4" ID) is located on the back of the unit
- Minimal height of the low profile series makes it ideal for low ceiling coolers

Nomenclature

ADT	120	A	K
Model Series	Capacity	Electrical Code	Vintage
ADT = Air defrost LET = Electric defrost, 6 FPI LLE = Electric defrost, 4 FPI HGT = Hot gas defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60 C = 208-230/3/60 M = 460/1/60 AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) CE = 208-230/3/60 (EC) S = Configurable	

Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)								
			Electrical Options			Mechanical Options			Coil Options		
			Beacon II Assembly	Split Sytem Controller	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	BohnKote™	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60											
ADT040AEK	ADT040SK	1,587	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT052AEK	ADT052SK	1,680	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT065AEK	ADT065SK	1,910	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT070AEK	ADT070SK	2,430	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT090AEK	ADT090SK	2,749	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT104AEK	ADT104SK	2,912	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT120AEK	ADT120SK	3,094	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT130AEK	ADT130SK	3,287	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT140AEK	ADT140SK	3,870	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT156AEK	ADT156SK	4,193	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT180AEK	ADT180SK	4,691	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT208AEK	ADT208SK	5,455	1,399	875	291	407	692	1,278	Call Factory	1,063	Call Factory
ADT260AEK	ADT260SK	6,789	1,399	875	291	407	692	1,278	Call Factory	1,088	Call Factory
ADT312AEK	ADT312SK	7,817	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory
ADT370AEK	ADT370SK	8,806	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60											
ADT040BEK	ADT040SK	1,687	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT052BEK	ADT052SK	1,701	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT065BEK	ADT065SK	2,030	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT070BEK	ADT070SK	2,570	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT090BEK	ADT090SK	2,782	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT104BEK	ADT104SK	2,948	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT120BEK	ADT120SK	3,128	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT130BEK	ADT130SK	3,324	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT140BEK	ADT140SK	3,910	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT156BEK	ADT156SK	4,245	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT180BEK	ADT180SK	4,741	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT208BEK	ADT208SK	5,783	1,399	875	291	407	692	1,278	Call Factory	1,063	Call Factory
ADT260BEK	ADT260SK	7,198	1,399	875	291	407	692	1,278	Call Factory	1,088	Call Factory
ADT312BEK	ADT312SK	8,281	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory
ADT370BEK	ADT370SK	9,234	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II must be ordered as a system. Not available on 460/1/60 and 230/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Electro-fin Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)								
			Electrical Options			Mechanical Options			Coil Options		
			Beacon II Assembly	Split Sytem Controller	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	BohnKote™	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with PSC Motors - 115/1/60											
ADT040AK	ADT040SK	1,255	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT052AHK	ADT052SK	1,348	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT065AHK	ADT065SK	1,578	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT070AHK	ADT070SK	1,766	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT090AHK	ADT090SK	2,085	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT104AHK	ADT104SK	2,248	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT120AHK	ADT120SK	2,430	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT130AHK	ADT130SK	2,623	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT140AHK	ADT140SK	2,874	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT156AHK	ADT156SK	3,197	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT180AK	ADT180SK	3,695	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT208AHK	ADT208SK	4,127	1,399	875	291	407	692	1,278	Call Factory	1,063	Call Factory
ADT260AHK	ADT260SK	5,129	1,399	875	291	407	692	1,278	Call Factory	1,088	Call Factory
ADT312AHK	ADT312SK	5,825	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory
ADT370AK	ADT370SK	6,814	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory
Air Defrost Models with PSC Motors - 208-230/1/60											
ADT040BK	ADT040SK	1,355	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT052BK	ADT052SK	1,369	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT065BK	ADT065SK	1,698	1,399	875	291	407	692	1,278	438	1,000	Call Factory
ADT070BK	ADT070SK	1,906	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT090BK	ADT090SK	2,118	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT104BK	ADT104SK	2,284	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT120BK	ADT120SK	2,464	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT130BHK	ADT130SK	2,660	1,399	875	291	407	692	1,278	650	1,021	Call Factory
ADT140BK	ADT140SK	2,914	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT156BHK	ADT156SK	3,249	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT180BK	ADT180SK	3,745	1,399	875	291	407	692	1,278	950	1,041	Call Factory
ADT208BK	ADT208SK	4,455	1,399	875	291	407	692	1,278	Call Factory	1,063	Call Factory
ADT260BK	ADT260SK	5,538	1,399	875	291	407	692	1,278	Call Factory	1,088	Call Factory
ADT312BK	ADT312SK	6,289	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory
ADT370BK	ADT370SK	7,242	1,399	875	291	768	1,096	1,684	Call Factory	1,110	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II must be ordered as a system. Not available on 460/1/60 and 230/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Electro-fin Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)								
			Electrical Options			Mechanical Options			Coil Options		
			Beacon II Assembly	Split Sytem Controller	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	BohnKote™	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with PSC Motors - 460/1/60											
-	ADT040SK	1,519	-	-	291	407	692	1,278	438	1,000	Call Factory
-	ADT052SK	1,533	-	-	291	407	692	1,278	438	1,000	Call Factory
-	ADT065SK	1,862	-	-	291	407	692	1,278	438	1,000	Call Factory
-	ADT070SK	2,235	-	-	291	407	692	1,278	650	1,021	Call Factory
-	ADT090SK	2,448	-	-	291	407	692	1,278	650	1,021	Call Factory
-	ADT104SK	2,612	-	-	291	407	692	1,278	650	1,021	Call Factory
-	ADT120SK	2,790	-	-	291	407	692	1,278	650	1,021	Call Factory
-	ADT130SK	2,990	-	-	291	407	692	1,278	650	1,021	Call Factory
-	ADT140SK	3,406	-	-	291	407	692	1,278	950	1,041	Call Factory
-	ADT156SK	3,741	-	-	291	407	692	1,278	950	1,041	Call Factory
-	ADT180SK	4,237	-	-	291	407	692	1,278	950	1,041	Call Factory
-	ADT208SK	5,112	-	-	291	407	692	1,278	Call Factory	1,063	Call Factory
-	ADT260SK	6,358	-	-	291	407	692	1,278	Call Factory	1,088	Call Factory
-	ADT312SK	7,274	-	-	291	768	1,096	1,684	Call Factory	1,110	Call Factory
-	ADT370SK	8,229	-	-	291	768	1,096	1,684	Call Factory	1,110	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Beacon II must be ordered as a system. Not available on 460/1/60 and 230/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Electro-fin Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options				Mechanical Options		
				Beacon II Assembly	Split Sytem Controller	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
Electric Defrost Models with EC Motors - 208-230/1/60										
LET035BEK	LET035SK	6	2,286	1,399	1,050	485	291	407	692	1,278
LET040BEK	LET040SK	6	2,398	1,399	1,050	485	291	407	692	1,278
LET047BEK	LET047SK	6	2,658	1,399	1,050	485	291	407	692	1,278
LET065BEK	LET065SK	6	3,440	1,399	1,050	485	291	407	692	1,278
LET075BEK	LET075SK	6	3,578	1,399	1,050	485	291	407	692	1,278
LET090BEK	LET090SK	6	3,797	1,399	1,050	485	291	407	692	1,278
LET120BEK	LET120SK	6	4,913	1,399	1,050	485	291	407	692	1,278
LET140BEK	LET140SK	6	5,573	1,399	1,050	485	291	407	692	1,278
LET160BEK	LET160SK	6	6,547	1,399	1,050	485	291	407	692	1,278
LET180BEK	LET180SK	6	7,235	1,399	1,050	485	291	407	692	1,278
LET200BEK	LET200SK	6	8,311	1,399	1,050	485	291	407	692	1,278
LET240BEK	LET240SK	6	9,493	1,399	1,050	485	291	768	1,096	1,684
LET280BEK	LET280SK	6	10,647	1,399	1,050	485	291	768	1,096	1,684
LLE041BEK	LLE041SK	4	2,209	1,399	1,050	485	291	407	692	1,278
LLE068BEK	LLE068SK	4	3,721	1,399	1,050	485	291	407	692	1,278
LLE080BEK	LLE080SK	4	3,992	1,399	1,050	485	291	407	692	1,278
LLE102BEK	LLE102SK	4	4,871	1,399	1,050	485	291	407	692	1,278
LLE136BEK	LLE136SK	4	6,442	1,399	1,050	485	291	407	692	1,278
LLE170BEK	LLE170SK	4	8,140	1,399	1,050	485	291	407	692	1,278
LLE204BEK	LLE204SK	4	9,306	1,399	1,050	485	291	768	1,096	1,684
LLE235BEK	LLE235SK	4	10,466	1,399	1,050	485	291	768	1,096	1,684
Electric Defrost Models with EC Motors - 208-230/3/60										
LET035CEK	LET035SK	6	2,393	-	-	485	291	407	692	1,278
LET040CEK	LET040SK	6	2,468	-	-	485	291	407	692	1,278
LET047CEK	LET047SK	6	2,810	-	-	485	291	407	692	1,278
LET065CEK	LET065SK	6	3,698	-	-	485	291	407	692	1,278
LET075CEK	LET075SK	6	3,784	-	-	485	291	407	692	1,278
LET090CEK	LET090SK	6	4,056	-	-	485	291	407	692	1,278
LET120CEK	LET120SK	6	5,171	-	-	485	291	407	692	1,278
LET140CEK	LET140SK	6	5,850	-	-	485	291	407	692	1,278
LET160CEK	LET160SK	6	6,803	-	-	485	291	407	692	1,278
LET180CEK	LET180SK	6	7,572	-	-	485	291	407	692	1,278

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II must be ordered as a system. Not available on 460/1/60 and 230/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options				Mechanical Options		
				Beacon II Assembly	Split Sytem Controller	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
LET200CEK	LET200SK	6	8,570	-	-	485	291	407	692	1,278
LET240CEK	LET240SK	6	9,753	-	-	485	291	768	1,096	1,684
LET280CEK	LET280SK	6	11,042	-	-	485	291	768	1,096	1,684
LLE041CEK	LLE041SK	4	2,322	-	-	485	291	407	692	1,278
LLE068CEK	LLE068SK	4	3,871	-	-	485	291	407	692	1,278
LLE080CEK	LLE080SK	4	4,103	-	-	485	291	407	692	1,278
LLE102CEK	LLE102SK	4	5,128	-	-	485	291	407	692	1,278
LLE136CEK	LLE136SK	4	6,706	-	-	485	291	407	692	1,278
LLE170CEK	LLE170SK	4	8,398	-	-	485	291	407	692	1,278
LLE204CEK	LLE204SK	4	9,579	-	-	485	291	768	1,096	1,684
LLE235CEK	LLE235SK	4	10,793	-	-	485	291	768	1,096	1,684
Electric Defrost Models with PSC Motors - 208-230/1/60										
LET035BK	LET035SK	6	1,954	1,399	1,050	485	291	407	692	1,278
LET040BK	LET040SK	6	2,066	1,399	1,050	485	291	407	692	1,278
LET047BK	LET047SK	6	2,326	1,399	1,050	485	291	407	692	1,278
LET065BK	LET065SK	6	2,776	1,399	1,050	485	291	407	692	1,278
LET075BK	LET075SK	6	2,914	1,399	1,050	485	291	407	692	1,278
LET090BK	LET090SK	6	3,133	1,399	1,050	485	291	407	692	1,278
LET120BK	LET120SK	6	3,917	1,399	1,050	485	291	407	692	1,278
LET140BK	LET140SK	6	4,577	1,399	1,050	485	291	407	692	1,278
LET160BK	LET160SK	6	5,219	1,399	1,050	485	291	407	692	1,278
LET180BK	LET180SK	6	5,907	1,399	1,050	485	291	407	692	1,278
LET200BK	LET200SK	6	6,651	1,399	1,050	485	291	407	692	1,278
LET240BK	LET240SK	6	7,501	1,399	1,050	485	291	768	1,096	1,684
LET280BK	LET280SK	6	8,655	1,399	1,050	485	291	768	1,096	1,684
LLE041BK	LLE041SK	4	1,877	1,399	1,050	485	291	407	692	1,278
LLE068BK	LLE068SK	4	3,057	1,399	1,050	485	291	407	692	1,278
LLE080BK	LLE080SK	4	3,328	1,399	1,050	485	291	407	692	1,278
LLE102BK	LLE102SK	4	3,875	1,399	1,050	485	291	407	692	1,278
LLE136BK	LLE136SK	4	5,114	1,399	1,050	485	291	407	692	1,278
LLE170BK	LLE170SK	4	6,480	1,399	1,050	485	291	407	692	1,278
LLE204BK	LLE204SK	4	7,314	1,399	1,050	485	291	768	1,096	1,684
LLE235BK	LLE235SK	4	8,474	1,399	1,050	485	291	768	1,096	1,684

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II must be ordered as a system. Not available on 460/1/60 and 230/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options				Mechanical Options		
				Beacon II Assembly	Split Sytem Controller	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
Electric Defrost Models with PSC Motors - 208-230/3/60										
LET035CK	LET035SK	6	2,061	-	-	485	291	407	692	1,278
LET040CK	LET040SK	6	2,136	-	-	485	291	407	692	1,278
LET047CK	LET047SK	6	2,478	-	-	485	291	407	692	1,278
LET065CK	LET065SK	6	3,034	-	-	485	291	407	692	1,278
LET075CK	LET075SK	6	3,120	-	-	485	291	407	692	1,278
LET090CK	LET090SK	6	3,392	-	-	485	291	407	692	1,278
LET120CK	LET120SK	6	4,175	-	-	485	291	407	692	1,278
LET140CK	LET140SK	6	4,854	-	-	485	291	407	692	1,278
LET160CK	LET160SK	6	5,475	-	-	485	291	407	692	1,278
LET180CK	LET180SK	6	6,244	-	-	485	291	407	692	1,278
LET200CK	LET200SK	6	6,910	-	-	485	291	407	692	1,278
LET240CK	LET240SK	6	7,761	-	-	485	291	768	1,096	1,684
LET280CK	LET280SK	6	9,050	-	-	485	291	768	1,096	1,684
LLE041CK	LLE041SK	4	1,990	-	-	485	291	407	692	1,278
LLE068CK	LLE068SK	4	3,207	-	-	485	291	407	692	1,278
LLE080CK	LLE080SK	4	3,439	-	-	485	291	407	692	1,278
LLE102CK	LLE102SK	4	4,132	-	-	485	291	407	692	1,278
LLE136CK	LLE136SK	4	5,378	-	-	485	291	407	692	1,278
LLE170CK	LLE170SK	4	6,738	-	-	485	291	407	692	1,278
LLE204CK	LLE204SK	4	7,587	-	-	485	291	768	1,096	1,684
LLE235CK	LLE235SK	4	8,801	-	-	485	291	768	1,096	1,684
Electric Defrost Models with PSC Motors - 460/1/60										
LET035MK	LET035SK	6	2,224	-	-	485	291	407	692	1,278
LET040MK	LET040SK	6	2,300	-	-	485	291	407	692	1,278
LET047MK	LET047SK	6	2,642	-	-	485	291	407	692	1,278
LET065MK	LET065SK	6	3,361	-	-	485	291	407	692	1,278
LET075MK	LET075SK	6	3,449	-	-	485	291	407	692	1,278
LET090MK	LET090SK	6	3,721	-	-	485	291	407	692	1,278
LET120MK	LET120SK	6	4,667	-	-	485	291	407	692	1,278
LET140MK	LET140SK	6	5,349	-	-	485	291	407	692	1,278
LET160MK	LET160SK	6	6,135	-	-	485	291	407	692	1,278

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II must be ordered as a system. Not available on 460/1/60 and 230/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options				Mechanical Options		
				Beacon II Assembly	Split Sytem Controller	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV
LET180MK	LET180SK	6	6,899	-	-	485	291	407	692	1,278
LET200MK	LET200SK	6	7,730	-	-	485	291	407	692	1,278
LET240MK	LET240SK	6	8,747	-	-	485	291	768	1,096	1,684
LET280MK	LET280SK	6	10,033	-	-	485	291	768	1,096	1,684
LLE041MK	LLE041SK	4	2,153	-	-	485	291	407	692	1,278
LLE068MK	LLE068SK	4	3,371	-	-	485	291	407	692	1,278
LLE080MK	LLE080SK	4	3,604	-	-	485	291	407	692	1,278
LLE102MK	LLE102SK	4	4,627	-	-	485	291	407	692	1,278
LLE136MK	LLE136SK	4	6,033	-	-	485	291	407	692	1,278
LLE170MK	LLE170SK	4	7,561	-	-	485	291	407	692	1,278
LLE204MK	LLE204SK	4	8,574	-	-	485	291	768	1,096	1,684
LLE235MK	LLE235SK	4	9,787	-	-	485	291	768	1,096	1,684

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II must be ordered as a system. Not available on 460/1/60 and 230/3/60.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, Bronz-Glow Coils and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Insulated	TXV	ElectroFin Coil	Bronz-Glow
Hot Gas Defrost Models with EC Motors - 115/1/60									
HGT035AEK	HGT035SK	6	2,214	No Charge	Standard	126	407	Call Factory	Call Factory
HGT040AEK	HGT040SK	6	2,370	No Charge	Standard	126	407	Call Factory	Call Factory
HGT047AEK	HGT047SK	6	2,694	No Charge	Standard	126	407	Call Factory	Call Factory
HGT065AEK	HGT065SK	6	3,321	No Charge	Standard	173	407	Call Factory	Call Factory
HGT075AEK	HGT075SK	6	3,637	No Charge	Standard	173	407	Call Factory	Call Factory
HGT090AEK	HGT090SK	6	3,975	No Charge	Standard	173	407	Call Factory	Call Factory
HGT120AEK	HGT120SK	6	4,830	No Charge	Standard	214	407	Call Factory	Call Factory
HGT140AEK	HGT140SK	6	5,620	No Charge	Standard	214	407	Call Factory	Call Factory
HGT160AEK	HGT160SK	6	6,252	No Charge	Standard	263	407	Call Factory	Call Factory
HGT180AEK	HGT180SK	6	7,013	No Charge	Standard	263	407	Call Factory	Call Factory
HGT200AEK	HGT200SK	6	7,533	No Charge	Standard	289	407	Call Factory	Call Factory
HGT240AEK	HGT240SK	6	8,928	No Charge	Standard	329	768	Call Factory	Call Factory
HGT280AEK	HGT280SK	6	10,073	No Charge	Standard	329	768	Call Factory	Call Factory
HGT041AEK	HGT041SK	4	2,305	No Charge	Standard	126	407	Call Factory	Call Factory
HGT068AEK	HGT068SK	4	3,837	No Charge	Standard	173	407	Call Factory	Call Factory
HGT080AEK	HGT080SK	4	4,060	No Charge	Standard	173	407	Call Factory	Call Factory
HGT102AEK	HGT102SK	4	4,743	No Charge	Standard	214	407	Call Factory	Call Factory
HGT136AEK	HGT136SK	4	6,195	No Charge	Standard	263	407	Call Factory	Call Factory
HGT170AEK	HGT170SK	4	7,657	No Charge	Standard	289	407	Call Factory	Call Factory
HGT204AEK	HGT204SK	4	8,965	No Charge	Standard	329	768	Call Factory	Call Factory
HGT235AEK	HGT235SK	4	10,092	No Charge	Standard	329	768	Call Factory	Call Factory
Hot Gas Defrost Models with EC Motors - 208-230/1/60									
HGT035BEK	HGT035SK	6	2,264	No Charge	Standard	126	407	Call Factory	Call Factory
HGT040BEK	HGT040SK	6	2,428	No Charge	Standard	126	407	Call Factory	Call Factory
HGT047BEK	HGT047SK	6	2,759	No Charge	Standard	126	407	Call Factory	Call Factory
HGT065BEK	HGT065SK	6	3,534	No Charge	Standard	173	407	Call Factory	Call Factory
HGT075BEK	HGT075SK	6	3,849	No Charge	Standard	173	407	Call Factory	Call Factory
HGT090BEK	HGT090SK	6	4,239	No Charge	Standard	173	407	Call Factory	Call Factory
HGT120BEK	HGT120SK	6	5,136	No Charge	Standard	214	407	Call Factory	Call Factory
HGT140BEK	HGT140SK	6	5,821	No Charge	Standard	214	407	Call Factory	Call Factory
HGT160BEK	HGT160SK	6	6,647	No Charge	Standard	263	407	Call Factory	Call Factory
HGT180BEK	HGT180SK	6	7,532	No Charge	Standard	263	407	Call Factory	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Insulated	TXV	ElectroFin Coil	Bronz-Glow
HGT200BEK	HGT200SK	6	8,002	No Charge	Standard	289	407	Call Factory	Call Factory
HGT240BEK	HGT240SK	6	9,588	No Charge	Standard	329	768	Call Factory	Call Factory
HGT280BEK	HGT280SK	6	10,864	No Charge	Standard	329	768	Call Factory	Call Factory
HGT041BEK	HGT041SK	4	2,362	No Charge	Standard	126	407	Call Factory	Call Factory
HGT068BEK	HGT068SK	4	3,935	No Charge	Standard	173	407	Call Factory	Call Factory
HGT080BEK	HGT080SK	4	4,175	No Charge	Standard	173	407	Call Factory	Call Factory
HGT102BEK	HGT102SK	4	5,045	No Charge	Standard	214	407	Call Factory	Call Factory
HGT136BEK	HGT136SK	4	6,580	No Charge	Standard	263	407	Call Factory	Call Factory
HGT170BEK	HGT170SK	4	8,130	No Charge	Standard	289	407	Call Factory	Call Factory
HGT204BEK	HGT204SK	4	9,519	No Charge	Standard	329	768	Call Factory	Call Factory
HGT235BEK	HGT235SK	4	10,766	No Charge	Standard	329	768	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 115/1/60									
HGT035AK	HGT035SK	6	1,882	No Charge	Standard	126	407	Call Factory	Call Factory
HGT040AK	HGT040SK	6	2,038	No Charge	Standard	126	407	Call Factory	Call Factory
HGT047AK	HGT047SK	6	2,362	No Charge	Standard	126	407	Call Factory	Call Factory
HGT065AK	HGT065SK	6	2,657	No Charge	Standard	173	407	Call Factory	Call Factory
HGT075AK	HGT075SK	6	2,973	No Charge	Standard	173	407	Call Factory	Call Factory
HGT090AK	HGT090SK	6	3,311	No Charge	Standard	173	407	Call Factory	Call Factory
HGT120AK	HGT120SK	6	3,834	No Charge	Standard	214	407	Call Factory	Call Factory
HGT140AK	HGT140SK	6	4,624	No Charge	Standard	214	407	Call Factory	Call Factory
HGT160AK	HGT160SK	6	4,924	No Charge	Standard	263	407	Call Factory	Call Factory
HGT180AK	HGT180SK	6	5,685	No Charge	Standard	263	407	Call Factory	Call Factory
HGT200AK	HGT200SK	6	5,873	No Charge	Standard	289	407	Call Factory	Call Factory
HGT240AK	HGT240SK	6	6,936	No Charge	Standard	329	768	Call Factory	Call Factory
HGT280AK	HGT280SK	6	8,081	No Charge	Standard	329	768	Call Factory	Call Factory
HGT041AK	HGT041SK	4	1,973	No Charge	Standard	126	407	Call Factory	Call Factory
HGT068AK	HGT068SK	4	3,173	No Charge	Standard	173	407	Call Factory	Call Factory
HGT080AK	HGT080SK	4	3,396	No Charge	Standard	173	407	Call Factory	Call Factory
HGT102AK	HGT102SK	4	3,747	No Charge	Standard	214	407	Call Factory	Call Factory
HGT136AK	HGT136SK	4	4,867	No Charge	Standard	263	407	Call Factory	Call Factory
HGT170AK	HGT170SK	4	5,997	No Charge	Standard	289	407	Call Factory	Call Factory
HGT204AK	HGT204SK	4	6,973	No Charge	Standard	329	768	Call Factory	Call Factory
HGT235AK	HGT235SK	4	8,100	No Charge	Standard	329	768	Call Factory	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Insulated	TXV	ElectroFin Coil	Bronz-Glow
Hot Gas Defrost Models with PSC Motors - 208-230/1/60									
HGT035BK	HGT035SK	6	1,932	No Charge	Standard	126	407	Call Factory	Call Factory
HGT040BK	HGT040SK	6	2,096	No Charge	Standard	126	407	Call Factory	Call Factory
HGT047BK	HGT047SK	6	2,427	No Charge	Standard	126	407	Call Factory	Call Factory
HGT065BK	HGT065SK	6	2,870	No Charge	Standard	173	407	Call Factory	Call Factory
HGT075BK	HGT075SK	6	3,185	No Charge	Standard	173	407	Call Factory	Call Factory
HGT090BK	HGT090SK	6	3,575	No Charge	Standard	173	407	Call Factory	Call Factory
HGT120BK	HGT120SK	6	4,140	No Charge	Standard	214	407	Call Factory	Call Factory
HGT140BK	HGT140SK	6	4,825	No Charge	Standard	214	407	Call Factory	Call Factory
HGT160BK	HGT160SK	6	5,319	No Charge	Standard	263	407	Call Factory	Call Factory
HGT180BK	HGT180SK	6	6,204	No Charge	Standard	263	407	Call Factory	Call Factory
HGT200BK	HGT200SK	6	6,342	No Charge	Standard	289	407	Call Factory	Call Factory
HGT240BK	HGT240SK	6	7,596	No Charge	Standard	329	768	Call Factory	Call Factory
HGT280BK	HGT280SK	6	8,872	No Charge	Standard	329	768	Call Factory	Call Factory
HGT041BK	HGT041SK	4	2,030	No Charge	Standard	126	407	Call Factory	Call Factory
HGT068BK	HGT068SK	4	3,271	No Charge	Standard	173	407	Call Factory	Call Factory
HGT080BK	HGT080SK	4	3,511	No Charge	Standard	173	407	Call Factory	Call Factory
HGT102BK	HGT102SK	4	4,049	No Charge	Standard	214	407	Call Factory	Call Factory
HGT136BK	HGT136SK	4	5,252	No Charge	Standard	263	407	Call Factory	Call Factory
HGT170BK	HGT170SK	4	6,470	No Charge	Standard	289	407	Call Factory	Call Factory
HGT204BK	HGT204SK	4	7,527	No Charge	Standard	329	768	Call Factory	Call Factory
HGT235BK	HGT235SK	4	8,774	No Charge	Standard	329	768	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 460/1/60									
-	HGT035SK	6	2,099	No Charge	Standard	126	407	Call Factory	Call Factory
-	HGT040SK	6	2,261	No Charge	Standard	126	407	Call Factory	Call Factory
-	HGT047SK	6	2,596	No Charge	Standard	126	407	Call Factory	Call Factory
-	HGT065SK	6	3,204	No Charge	Standard	173	407	Call Factory	Call Factory
-	HGT075SK	6	3,518	No Charge	Standard	173	407	Call Factory	Call Factory
-	HGT090SK	6	3,911	No Charge	Standard	173	407	Call Factory	Call Factory
-	HGT120SK	6	4,639	No Charge	Standard	214	407	Call Factory	Call Factory
-	HGT140SK	6	5,325	No Charge	Standard	214	407	Call Factory	Call Factory
-	HGT160SK	6	5,992	No Charge	Standard	263	407	Call Factory	Call Factory
-	HGT180SK	6	6,873	No Charge	Standard	263	407	Call Factory	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Insulated	TXV	ElectroFin Coil	Bronz-Glow
-	HGT200SK	6	7,179	No Charge	Standard	289	407	Call Factory	Call Factory
-	HGT240SK	6	8,605	No Charge	Standard	329	768	Call Factory	Call Factory
-	HGT280SK	6	9,881	No Charge	Standard	329	768	Call Factory	Call Factory
-	HGT041SK	4	2,159	No Charge	Standard	126	407	Call Factory	Call Factory
-	HGT068SK	4	3,523	No Charge	Standard	173	407	Call Factory	Call Factory
-	HGT080SK	4	3,761	No Charge	Standard	173	407	Call Factory	Call Factory
-	HGT102SK	4	4,427	No Charge	Standard	214	407	Call Factory	Call Factory
-	HGT136SK	4	5,750	No Charge	Standard	263	407	Call Factory	Call Factory
-	HGT170SK	4	7,097	No Charge	Standard	289	407	Call Factory	Call Factory
-	HGT204SK	4	8,277	No Charge	Standard	329	768	Call Factory	Call Factory
-	HGT235SK	4	9,523	No Charge	Standard	329	768	Call Factory	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors

Notes:

- Adjustable Defrost Term. / Fan Delay is standard.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- TXV = Expansion Valve
- PSC-TE Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Hot Gas Reverse Cycle Kits

Need a Hot Gas Reverse Cycle Kit?

Use the instructions below to help select the appropriate kit. Still need help? Please contact your local Sales Representative or Account Engineer for assistance.

Selection Instructions:

1. Decide if kits are to be shipped-loose or factory-installed.
2. Select the correct TXV bypass kit based on unit model number and TXV style. Selections for units with the electric drain pan option are finished. For units with the standard hot gas drain pan, please proceed with instructions 3 and 4.
3. Select the appropriate drain pan and suction-line check valve kits based on unit model number. Drain pan and suction-line check valves and piping can be supplied by others but are necessary to complete the piping.
4. If room temperature is 0°F or below, please select an insulated drain pan as a factory-installed option. Selection for hot gas pan unit is finished.

When placing an order, please specify:

- Unit model number
- Drain pan type (hot gas or electric). If ordering hot gas pan, indicate whether unit is to have insulated pan.
- Reverse cycle kit option codes or part numbers. If ordering factory-mounted kits, please specify TXV style, refrigerant, saturated suction temperature (SST) and liquid temperature.

TXV Bypass Assembly Kits

Bohn Hot Gas Models		Factory-Installed			List Price Adder (\$US)	Shipped-Loose			List Price (\$US)
		Type EG	Type HFESC	Type SQE/SBF		Type EG	Type HFESC	Type SQE/SBF	
6 FPI	4 FPI	Option Code	Option Code	Option Code		Part Number	Part Number	Part Number	
035 - 075	041 - 080	RCBP.EG-1	RCBP.HF-1	RCBP.SQ-1	1,141	50169213	50169216	50169210	157
090 - 160	102 - 204	RCBP.EG-2	RCBP.HF-2	RCBP.SQ-2	1,141	50169214	50169217	50169211	157
180 - 280	235	RCBP.EG-3	RCBP.HF-3	RCBP.SQ-3	1,141	50169215	50169218	50169212	157

Notes:

- Factory-Installed Kits include the TXV price. Customer must specify valve model, refrigerant and SST on order.
- Shipped-Loose Kits do NOT include the TXV price.

Check Valve Kits

Only available for models with the standard hot gas loop drain pan.

Bohn Hot Gas Models		Drain Pan Loop Check Valve Kit				Suction Line Check Valve Kit			
		Factory-Installed		Shipped-Loose		Factory-Installed		Shipped-Loose	
6 FPI	4 FPI	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
035 - 065	041	DPLC.CV-1	777	50169304	146	SLCV.CV-1	857	50169604	233
075 - 140	068 - 102	DPLC.CV-2	777	50169305	146	SLCV.CV-2	857	50169605	233
160 - 280	136 - 235	DPLC.CV-3	777	50169306	146	SLCV.CV-3	857	50169606	233

Notes:

- It is recommended that the customer order both check valve kits.
- Shipped-Loose Kits do NOT include the valve prices.
- The drain pan check valve kit can be ordered as an independent item, but the suction-line check valve kit must be ordered with the drain pan check valve kit in order to complete the piping

Low Profile

Hot Gas 3-Pipe Kits

Need a Hot Gas 3-Pipe Kit?

Use the instructions below to help select the appropriate kit. Still need help? Please contact your local Sales Representative or Account Engineer for assistance.

Selection Instructions:

1. Decide if kits are to be shipped-loose or factory-installed.
2. Select the appropriate 3-pipe kits based on unit model number. Drain pan loop check valve and piping can be supplied by others but are necessary to complete the piping.
3. If room temperature is 0°F or below, please select an insulated drain pan as a factory-installed option. Selection for hot gas pan unit is finished.

When placing an order, please specify:

- Unit model number
- Drain pan type (hot gas or electric). If ordering hot gas pan, indicate whether unit is to have insulated pan.
- 3-Pipe kit option codes or part numbers. If ordering factory-mounted kits, please specify TXV style, refrigerant, saturated suction temperature (SST) and liquid temperature.

TXV Bypass Assembly Kits

Bohn Hot Gas Models		Factory-Installed			List Price Adder (\$US)	Shipped-Loose			List Price (\$US)
		Type EG	Type HFESC	Type SQE/SBF		Type EG	Type HFESC	Type SQE/SBF	
6 FPI	4 FPI	Option Code	Option Code	Option Code		Part Number	Part Number	Part Number	
035 - 075	041 - 080	PIP.EG-1	PIP.HF-1	PIP.SQ-1	1,093	50169413	50169416	50169410	114
090 - 160	102 - 204	PIP.EG-2	PIP.HF-2	PIP.SQ-2	1,093	50169414	50169417	50169411	114
180 - 280	235	PIP.EG-3	PIP.HF-3	PIP.SQ-3	1,093	50169415	50169418	50169412	114

Notes:

- Factory-Installed Kits include the TXV price. Customer must specify valve model, refrigerant and SST on order.
- Shipped-Loose Kits do NOT include the TXV price.

Check Valve Kits

Only available for models with the standard hot gas loop drain pan.

Bohn Hot Gas Models		Drain Pan Loop Check Valve Kit			
		Factory-Installed		Shipped - Loose	
6 FPI	4 FPI	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
035 - 065	041	PIPCV.CV-1	777	50169504	141
075 - 140	068 - 102	PIPCV.CV-2	777	50169505	141
160 - 280	136 - 235	PIPCV.CV-3	777	50169506	141

Notes:

- Shipped-Loose Kits do NOT include the valve prices.

Low Profile

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
28963101	Electronic Room Thermostat	347	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	257	-
21340101	Defrost Timer (60 Hz)	321	-
5505-R	30-Amp Contactor	344	Use as fan or heater contactor
Check Valves			
4146T	5/8" Suction Line Check Valve	92	-
5890C	7/8" Suction Line Check Valve	193	-
5889C	1 1/8" Suction Line Check Valve	376	-
2933022	1 3/8" Suction Line Check Valve	776	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	139	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	152	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	180	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	276	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	509	-
Heat Exchangers			
24200004	Heat Exchanger used on 035 - 047 (6FPI) and 041 - 068 (4FPI) Electric & Hot Gas Defrost Models	228	3/8" Liquid Connection OD, 5/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200005	Heat Exchanger used on 065 - 094 (6FPI) and 080 - 105 (4FPI) Electric & Hot Gas Defrost Models	250	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200006	Heat Exchanger used on 120 - 140 (6FPI) and 136 - 139 (4FPI) Electric & Hot Gas Defrost Models	269	1/2" Liquid Connection OD, 7/8" Suction Connection OD, 11" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 160 - 180 (6FPI) and 170 - 174 (4FPI) Electric & Hot Gas Defrost Models	292	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 200 - 280 (6FPI) and 204 - 235 (4FPI) Electric & Hot Gas Defrost Models	490	5/8" Liquid Connection OD, 1-3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

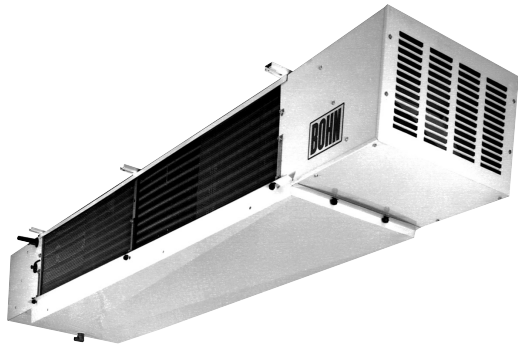
Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under
TXV036	319	24,000 BTUH to 36,000 BTUH
TXV060	517	36,000 BTUH to 60,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	305	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH
29318011	329	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH
29318012	329	1/2	36,000 BTUH to 51,000 BTUH	31,000 BTUH to 44,000 BTUH

Low Flow

Overview



Product Description

Low Flow unit coolers, available in air, electric, and hot gas defrost, are ideal for meat storage and preparation rooms, floral coolers, dough retarding and many other applications requiring low air velocities and low sound levels. With low velocity unit coolers, high humidities can be maintained to prevent product drying and weight loss. These units are ideal for any type of workroom where human comfort is important. Opting for EC motors makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- All factory installed electrical components are wired to a terminal board in the junction box making field wiring quick and easy
- Access port on the suction connection allows superheat to be easily and accurately set
- Motors are factory-wired to unit junction box for fast installation

Reliable & Durable

- Rust-free, all-aluminum white case with louvered intake grille for attractive appearance
- Sweat-type cooling coil connections reduce the potential for leaks
- Nickel-steel alloy heaters provide a positive defrost and have long life
- Hot gas models use inner drain pans with low-wattage electric heaters. This eliminates the braze joints and tubing associated with hot gas drain pan loops

Performance

- Statically and dynamically balanced fans are designed for quiet air movement
- Electric defrost coils have a hermetically sealed defrost termination thermostat that does not require adjustment. Hot gas defrost units are available with an optional adjustable defrost termination thermostat (shipped-loose accessory).
- Cross-fin cooling coils with corrugated aluminum fins spaced 6 FPI & 3/8" OD staggered copper tubes provide optimum heat transfer and reduce the amount of refrigerant required
- Generous coil surface helps to maintain steady room temperature and minimize product shrinkage
- All models use inner drain pans to reduce sweating
- Thermal overload protected motors are resiliently mounted inside the unit to assure minimum noise level

Versatile

- Inlet connection allows for external mounting of TXV

Nomenclature

LO	070	A	E
Model Series	Capacity	Electrical Code	Vintage
LO = Low flow, air defrost LOD = Low flow, electric defrost LOG = Low flow, hot gas defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60 AH = 115/1/60 (PSC) BH = 208-230/1/60 (PSC) MH = 460/1/60 (PSC) AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) S = Configurable	

Low Flow

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)		
			Coil Options		
			ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60					
-	LO070SE	5,382	Call Factory	2,067	Call Factory
-	LO087SE	5,635	Call Factory	2,067	Call Factory
-	LO118SE	6,638	Call Factory	2,067	Call Factory
-	LO125SE	7,044	Call Factory	2,067	Call Factory
-	LO150SE	7,444	Call Factory	2,067	Call Factory
-	LO165SE	8,212	Call Factory	2,067	Call Factory
-	LO189SE	8,985	Call Factory	2,502	Call Factory
-	LO225SE	9,719	Call Factory	2,502	Call Factory
-	LO266SE	10,461	Call Factory	2,502	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60					
-	LO070SE	5,554	Call Factory	2,067	Call Factory
-	LO087SE	5,802	Call Factory	2,067	Call Factory
-	LO118SE	6,805	Call Factory	2,067	Call Factory
-	LO125SE	7,214	Call Factory	2,067	Call Factory
-	LO150SE	7,621	Call Factory	2,067	Call Factory
-	LO165SE	8,383	Call Factory	2,067	Call Factory
-	LO189SE	9,148	Call Factory	2,502	Call Factory
-	LO225SE	9,888	Call Factory	2,502	Call Factory
-	LO266SE	10,628	Call Factory	2,502	Call Factory
Air Defrost Models with PSC Motors - 115/1/60					
-	LO070SE	4,604	Call Factory	2,067	Call Factory
-	LO087SE	4,857	Call Factory	2,067	Call Factory
-	LO118SE	5,860	Call Factory	2,067	Call Factory
-	LO125SE	6,266	Call Factory	2,067	Call Factory
-	LO150SE	6,666	Call Factory	2,067	Call Factory
-	LO165SE	7,434	Call Factory	2,067	Call Factory
LO189AE	LO189SE	7,859	Call Factory	2,502	Call Factory
LO225AE	LO225SE	8,593	Call Factory	2,502	Call Factory
LO266AE	LO266SE	9,335	Call Factory	2,502	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Flow

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)		
			Coil Options		
			ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with PSC Motors - 208-230/1/60					
-	LO070SE	4,776	Call Factory	2,067	Call Factory
-	LO087SE	5,024	Call Factory	2,067	Call Factory
-	LO118SE	6,027	Call Factory	2,067	Call Factory
-	LO125SE	6,436	Call Factory	2,067	Call Factory
-	LO150SE	6,843	Call Factory	2,067	Call Factory
-	LO165SE	7,605	Call Factory	2,067	Call Factory
LO189BE	LO189SE	8,023	Call Factory	2,502	Call Factory
LO225BE	LO225SE	8,762	Call Factory	2,502	Call Factory
LO266BE	LO266SE	9,502	Call Factory	2,502	Call Factory
Air Defrost Models with Shaded Pole Motors - 115/1/60					
LO070AE	LO070SE	4,256	Call Factory	2,067	Call Factory
LO087AE	LO087SE	4,509	Call Factory	2,067	Call Factory
LO118AE	LO118SE	5,512	Call Factory	2,067	Call Factory
LO125AE	LO125SE	5,918	Call Factory	2,067	Call Factory
LO150AE	LO150SE	6,318	Call Factory	2,067	Call Factory
LO165AE	LO165SE	7,086	Call Factory	2,067	Call Factory
Air Defrost Models with Shaded Pole Motors - 208-230/1/60					
LO070BE	LO070SE	4,428	Call Factory	2,067	Call Factory
LO087BE	LO087SE	4,676	Call Factory	2,067	Call Factory
LO118BE	LO118SE	5,679	Call Factory	2,067	Call Factory
LO125BE	LO125SE	6,088	Call Factory	2,067	Call Factory
LO150BE	LO150SE	6,495	Call Factory	2,067	Call Factory
LO165BE	LO165SE	7,257	Call Factory	2,067	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Flow

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)	
			Electrical Options	Coil Options
			Fixed Defrost Term. Thermostat	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60				
-	LOD070SE	5,871	Standard	Call Factory
-	LOD087SE	6,516	Standard	Call Factory
-	LOD118SE	8,029	Standard	Call Factory
-	LOD125SE	8,244	Standard	Call Factory
-	LOD150SE	8,430	Standard	Call Factory
-	LOD165SE	9,735	Standard	Call Factory
-	LOD189SE	10,184	Standard	Call Factory
-	LOD225SE	11,311	Standard	Call Factory
-	LOD266SE	11,899	Standard	Call Factory
Electric Defrost Models with PSC Motors - 208-230/1/60				
-	LOD070SE	5,093	Standard	Call Factory
-	LOD087SE	5,738	Standard	Call Factory
-	LOD118SE	7,251	Standard	Call Factory
-	LOD125SE	7,466	Standard	Call Factory
-	LOD150SE	7,652	Standard	Call Factory
-	LOD165SE	8,957	Standard	Call Factory
LOD189BE	LOD189SE	9,057	Standard	Call Factory
LOD225BE	LOD225SE	10,186	Standard	Call Factory
LOD266BE	LOD266SE	10,772	Standard	Call Factory
Electric Defrost Models with Shaded Pole Motors - 208-230/1/60				
LOD070BE	LOD070SE	4,745	Standard	Call Factory
LOD087BE	LOD087SE	5,390	Standard	Call Factory
LOD118BE	LOD118SE	6,903	Standard	Call Factory
LOD125BE	LOD125SE	7,118	Standard	Call Factory
LOD150BE	LOD150SE	7,304	Standard	Call Factory
LOD165BE	LOD165SE	8,609	Standard	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard on electric defrost models.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Flow

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)
			Coil Options
			Bronz-Glow
Hot Gas Defrost Models with EC Motors - 115/1/60			
-	LOG070SE	5,773	Call Factory
-	LOG087SE	6,415	Call Factory
-	LOG118SE	7,926	Call Factory
-	LOG125SE	8,140	Call Factory
-	LOG150SE	8,333	Call Factory
-	LOG165SE	9,628	Call Factory
-	LOG189SE	10,081	Call Factory
-	LOG225SE	11,208	Call Factory
-	LOG266SE	11,796	Call Factory
Hot Gas Defrost Models with EC Motors - 208-230/1/60			
-	LOG070SE	5,943	Call Factory
-	LOG087SE	6,583	Call Factory
-	LOG118SE	8,094	Call Factory
-	LOG125SE	8,308	Call Factory
-	LOG150SE	8,500	Call Factory
-	LOG165SE	9,804	Call Factory
-	LOG189SE	10,250	Call Factory
-	LOG225SE	11,380	Call Factory
-	LOG266SE	11,968	Call Factory
Hot Gas Defrost Models with PSC Motors - 115/1/60			
-	LOG070SE	4,995	Call Factory
-	LOG087SE	5,637	Call Factory
-	LOG118SE	7,148	Call Factory
-	LOG125SE	7,362	Call Factory
-	LOG150SE	7,555	Call Factory
-	LOG165SE	8,850	Call Factory
LOG189AE	LOG189SE	8,954	Call Factory
LOG225AE	LOG225SE	10,083	Call Factory
LOG266AE	LOG266SE	10,669	Call Factory

Need a Reverse Cycle Kit?

Look on page 39 for the available kits in the Shipped-Loose Accessories.

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard on hot gas defrost models. Hot gas loop not available.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Flow

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)
			Coil Options
			Bronz-Glow
Hot Gas Defrost Models with PSC Motors - 208-230/1/60			
-	LOG070SE	5,165	Call Factory
-	LOG087SE	5,805	Call Factory
-	LOG118SE	7,316	Call Factory
-	LOG125SE	7,530	Call Factory
-	LOG150SE	7,722	Call Factory
-	LOG165SE	9,026	Call Factory
LOG189BE	LOG189SE	9,124	Call Factory
LOG225BE	LOG225SE	10,254	Call Factory
LOG266BE	LOG266SE	10,841	Call Factory
Hot Gas Defrost Models with Shaded Pole Motors - 115/1/60			
LOG070AE	LOG070SE	4,647	Call Factory
LOG087AE	LOG087SE	5,289	Call Factory
LOG118AE	LOG118SE	6,800	Call Factory
LOG125AE	LOG125SE	7,014	Call Factory
LOG150AE	LOG150SE	7,207	Call Factory
LOG165AE	LOG165SE	8,502	Call Factory
Hot Gas Defrost Models with Shaded Pole Motors - 208-230/1/60			
LOG070BE	LOG070SE	4,817	Call Factory
LOG087BE	LOG087SE	5,457	Call Factory
LOG118BE	LOG118SE	6,968	Call Factory
LOG125BE	LOG125SE	7,182	Call Factory
LOG150BE	LOG150SE	7,374	Call Factory
LOG165BE	LOG165SE	8,678	Call Factory

Need a Reverse Cycle Kit?

Look on page 39 for the available kits in the Shipped-Loose Accessories.

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard on hot gas defrost models. Hot gas loop not available.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Flow

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
28963101	Electronic Room Thermostat	347	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	257	-
Check Valves			
5890C	7/8" Suction Line Check Valve	193	-
Drain Line Heaters			
5508Q	6 ft. Drain Line Heater (208-230V, 42 Watts)	139	-
5594P	12 ft. Drain Line Heater (208-230V, 84 Watts)	152	-
5595P	18 ft. Drain Line Heater (208-230V, 126 Watts)	180	-
5596P	36 ft. Drain Line Heater (208-230V, 252 Watts)	276	-
5597P	60 ft. Drain Line Heater (208-230V, 420 Watts)	509	-
Air Filters			
89900801	Air Filters	360	Use on Models LO/LOD/LOG 070-125
89900802	Air Filters	301	Use on Models LO/LOD/LOG 150-225
89900803	Air Filters	301	Use on Models LO/LOD/LOG 266
Heat Exchangers			
24200005	Heat Exchanger used on 070 - 118 Electric & Hot Gas Defrost Models	250	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200006	Heat Exchanger used on 125 - 165 Electric & Hot Gas Defrost Models	269	1/2" Liquid Connection OD, 7/8" Suction Connection OD, 11" Length, 2lbs Approx. Ship Wt.
24200006	Heat Exchanger used on 125 - 165 Electric & Hot Gas Defrost Models	269	1/2" Liquid Connection OD, 7/8" Suction Connection OD, 11" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 189 - 225 Electric & Hot Gas Defrost Models	292	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 266 Electric & Hot Gas Defrost Models	490	5/8" Liquid Connection OD, 1-3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under
TXV036	319	24,000 BTUH to 36,000 BTUH
TXV060	517	36,000 BTUH to 60,000 BTUH

Hot Gas Reverse Cycle Kits (Hot Gas Models Only)

- Electric pan is standard on all hot gas models. Hot gas loop not available.
- Kits includes one check valve and piping for liquid bypass around expansion valve and instructions for field installation.

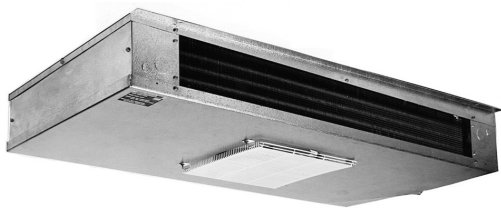
Bohn Models Used On	TXV Bypass Kits	
	Part Number	List Price (\$US)
LOG070 - LOG225	89900901	295
LOG266	89901001	499

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)
			Medium Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under
4502Z	305	3/8	12,000 BTUH to 24,000 BTUH
29318011	329	3/8	24,000 BTUH to 44,000 BTUH
29318012	329	1/2	36,000 BTUH to 51,000 BTUH
5766Y	329	1/2	51,000 BTUH to 72,000 BTUH

Low Velocity Center Mount

Overview



Product Description

The low velocity center mount units, available in air, electric, and hot gas defrost, are ideal for floral storage, fresh fruit and vegetables, dough retarding, fresh meat storage and preparations, and many other applications. The low air flow and quiet fans are classically suited for work room applications. The generous coil surface combined with close T.D. system balance provides high humidity characteristics to minimize product shrinkage and drying. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Liquid line solenoid wire harness is factory-installed for quick installation
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Cabinet design features access panels on each end for easy access to electrical and refrigeration components
- Fan panel is lightweight and can easily be lowered for easy servicing and installation
- Expansion valve mounts inside the cabinet

Reliable & Durable

- Heavy gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Sweat connections to reduce potential for leaks
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating
- Motor rail is design for maximum strength and durability

Performance

- Internally enhanced tubing and fin design for higher efficiency
- Electric defrost models incorporate high quality tubular heaters and a standard fixed defrost termination thermostat
- Hot gas defrost models come with a shipped-loose adjustable fan delay and defrost termination thermostat
- Motors are life lubricated and thermal overload protected

Versatile

- Low height makes it ideal for low ceiling coolers - larger models are only 15 inches tall, allowing for maximum headroom and more product storage
- Unit designed to be mounted flush against the ceiling or suspended on rods

Nomenclature

WK	100	A	C
Model Series	Capacity	Electrical Code	Vintage
WK = Low Velocity Center Mount, air defrost	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60	
WKE = Low Velocity Center Mount, electric defrost		AH = 115/1/60 (PSC) BH = 208-230/1/60 (PSC)	
WKG = Low Velocity Center Mount, hot gas defrost		AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) S = Configurable	

Low Velocity Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
			Electrical Options		Mechanical Options			Coil Options		
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60										
WK050AEC	WK050SC	3,515	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK075AEC	WK075SC	4,071	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK100AEC	WK100SC	4,991	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK130AEC	WK130SC	5,817	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK155AEC	WK155SC	6,499	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK180AEC	WK180SC	7,963	1,399	291	523	809	1,401	Call Factory	2,010	Call Factory
WK210AEC	WK210SC	9,024	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK270AEC	WK270SC	9,882	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK340AEC	WK340SC	12,674	1,399	291	858	1,241	-	Call Factory	3,177	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60										
WK050BEC	WK050SC	3,702	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK075BEC	WK075SC	4,292	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK100BEC	WK100SC	5,245	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK130BEC	WK130SC	6,126	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK155BEC	WK155SC	6,846	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK180BEC	WK180SC	8,376	1,399	291	523	809	1,401	Call Factory	2,010	Call Factory
WK210BEC	WK210SC	9,483	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK270BEC	WK270SC	10,389	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK340BEC	WK340SC	13,326	1,399	291	858	1,241	-	Call Factory	3,177	Call Factory
Air Defrost Models with PSC Motors - 115/1/60										
WK050AC	WK050SC	3,162	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK075AC	WK075SC	3,718	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK130AC	WK130SC	5,111	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK100AC	WK100SC	4,285	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK155AC	WK155SC	5,793	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK180AC	WK180SC	6,904	1,399	291	523	809	1,401	Call Factory	2,010	Call Factory
WK210AC	WK210SC	7,612	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK270AC	WK270SC	8,470	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK340AC	WK340SC	10,909	1,399	291	858	1,241	-	Call Factory	3,177	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Velocity Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
			Electrical Options		Mechanical Options			Coil Options		
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with PSC Motors - 208-230/1/60										
WK050BC	WK050SC	3,349	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK075BC	WK075SC	3,939	1,399	291	523	809	1,401	Call Factory	1,000	Call Factory
WK100BC	WK100SC	4,539	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK130BC	WK130SC	5,420	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK155BC	WK155SC	6,140	1,399	291	523	809	1,401	Call Factory	1,474	Call Factory
WK180BC	WK180SC	7,317	1,399	291	523	809	1,401	Call Factory	2,010	Call Factory
WK210BC	WK210SC	8,071	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK270BC	WK270SC	8,977	1,399	291	523	809	-	Call Factory	2,341	Call Factory
WK340BC	WK340SC	11,561	1,399	291	858	1,241	-	Call Factory	3,177	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Velocity Center Mount

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options			Mechanical Options			Coil Options
			Beacon II Assembly	Adj. Defrost Term. / Fan Delay	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60									
WKE050BEC	WKE050SC	4,110	1,399	485	291	523	809	1,401	Call Factory
WKE075BEC	WKE075SC	4,770	1,399	485	291	523	809	1,401	Call Factory
WKE100BEC	WKE100SC	5,805	1,399	485	291	523	809	1,401	Call Factory
WKE130BEC	WKE130SC	6,787	1,399	485	291	523	809	1,401	Call Factory
WKE155BEC	WKE155SC	7,600	1,399	485	291	523	809	1,401	Call Factory
WKE180BEC	WKE180SC	9,271	1,399	485	291	523	809	1,401	Call Factory
WKE210BEC	WKE210SC	10,470	1,399	485	291	523	809	-	Call Factory
WKE270BEC	WKE270SC	11,488	1,399	485	291	523	809	-	Call Factory
WKE340BEC	WKE340SC	14,746	1,399	485	291	858	1,241	-	Call Factory
Electric Defrost Models with PSC Motors - 208-230/1/60									
WKE050BC	WKE050SC	3,757	1,399	485	291	523	809	1,401	Call Factory
WKE075BC	WKE075SC	4,417	1,399	485	291	523	809	1,401	Call Factory
WKE100BC	WKE100SC	5,099	1,399	485	291	523	809	1,401	Call Factory
WKE130BC	WKE130SC	6,081	1,399	485	291	523	809	1,401	Call Factory
WKE155BC	WKE155SC	6,894	1,399	485	291	523	809	1,401	Call Factory
WKE180BC	WKE180SC	8,212	1,399	485	291	523	809	1,401	Call Factory
WKE210BC	WKE210SC	9,058	1,399	485	291	523	809	-	Call Factory
WKE270BC	WKE270SC	10,076	1,399	485	291	523	809	-	Call Factory
WKE340BC	WKE340SC	12,981	1,399	485	291	858	1,241	-	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Velocity Center Mount

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)			
			Mechanical Options		Coil Options	
			TXV	TXV & LLSV	ElectroFin Coil	Bronz-Glow
Hot Gas Defrost Models with EC Motors - 115/1/60						
-	WKG100SC	5,267	523	809	Call Factory	Call Factory
-	WKG130SC	6,635	523	809	Call Factory	Call Factory
-	WKG155SC	7,426	523	809	Call Factory	Call Factory
-	WKG180SC	9,065	523	809	Call Factory	Call Factory
-	WKG210SC	10,245	523	809	Call Factory	Call Factory
-	WKG270SC	11,236	523	809	Call Factory	Call Factory
-	WKG340SC	14,420	858	1,241	Call Factory	Call Factory
Hot Gas Defrost Models with EC Motors - 208-230/1/60						
-	WKG100SC	5,541	523	809	Call Factory	Call Factory
-	WKG130SC	6,990	523	809	Call Factory	Call Factory
-	WKG155SC	7,831	523	809	Call Factory	Call Factory
-	WKG180SC	9,547	523	809	Call Factory	Call Factory
-	WKG210SC	10,770	523	809	Call Factory	Call Factory
-	WKG270SC	11,825	523	809	Call Factory	Call Factory
-	WKG340SC	15,177	858	1,241	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 115/1/60						
WKG100AC	WKG100SC	4,561	523	809	Call Factory	Call Factory
WKG130AC	WKG130SC	5,929	523	809	Call Factory	Call Factory
WKG155AC	WKG155SC	6,720	523	809	Call Factory	Call Factory
WKG180AC	WKG180SC	8,006	523	809	Call Factory	Call Factory
WKG210AC	WKG210SC	8,833	523	809	Call Factory	Call Factory
WKG270AC	WKG270SC	9,824	523	809	Call Factory	Call Factory
WKG340AC	WKG340SC	12,655	858	1,241	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 208-230/1/60						
WKG100BC	WKG100SC	4,835	523	809	Call Factory	Call Factory
WKG130BC	WKG130SC	6,284	523	809	Call Factory	Call Factory
WKG155BC	WKG155SC	7,125	523	809	Call Factory	Call Factory
WKG180BC	WKG180SC	8,488	523	809	Call Factory	Call Factory
WKG210BC	WKG210SC	9,358	523	809	Call Factory	Call Factory
WKG270BC	WKG270SC	10,413	523	809	Call Factory	Call Factory
WKG340BC	WKG340SC	13,412	858	1,241	Call Factory	Call Factory

Need a Reverse Cycle Kit?

Look on page 45 for the available kits in the Shipped-Loose Accessories.

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard. Hot gas loop not available.
- Adjustable Defrost Term. / Fan Delay is standard.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Velocity Center Mount

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
28963101	Electronic Room Thermostat	347	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	257	-
21340101	Electric Defrost Timer (60 Hz)	321	-
5505-R	30-Amp Contactor	344	Use as fan or heater contactor
Check Valves			
5890C	7/8" Suction Line Check Valve	193	-
5889C	1 1/8" Suction Line Check Valve	376	-
2933022	1 3/8" Suction Line Check Valve	776	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	139	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	152	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	180	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	276	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	509	-
Heat Exchangers			
24200004	Heat Exchanger used on 050 Electric Defrost Models	228	3/8" Liquid Connection OD, 5/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200005	Heat Exchanger used on 075 - 100 Electric & Hot Gas Defrost Models	250	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200006	Heat Exchanger used on 130 - 155 Electric & Hot Gas Defrost Models	269	1/2" Liquid Connection OD, 7/8" Suction Connection OD, 11" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 180 - 270 Electric & Hot Gas Defrost Models	292	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 340 Electric & Hot Gas Defrost Models	490	5/8" Liquid Connection OD, 1-3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under
TXV036	319	24,000 BTUH to 36,000 BTUH
TXV060	517	36,000 BTUH to 60,000 BTUH
TXV120	656	60,000 BTUH to 120,000 BTUH

Hot Gas Reverse Cycle Kits (Hot Gas Models Only)

- Electric pan is standard on all hot gas models. Hot gas loop not available.
- Kits includes one check valve and piping for liquid bypass around expansion valve and instructions for field installation.

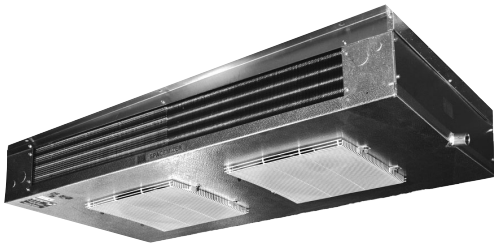
Bohn Models Used On	TXV Bypass Kits		List Price (\$US)
	Type SQE, SBF, or HFESC	Type S	
	Part Number	Part Number	
WKG100	89897801	89898001	395
WKG130 - WKG270	89897802	89898002	395
WKG340	89897803	89898003	395

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)
			Medium Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under
4502Z	305	3/8	12,000 BTUH to 24,000 BTUH
29318011	329	3/8	24,000 BTUH to 44,000 BTUH
29318012	329	1/2	36,000 BTUH to 51,000 BTUH
5766Y	329	1/2	51,000 BTUH to 72,000 BTUH

Center Mount

Overview



Product Description

Center mount unit coolers, available in air or electric defrost, are ideal for tight storage situations because they are ceiling mount and have a height of only 8 - 5/8" allowing for maximum headroom in a cooler or freezer. The center mount design allows for product to be stacked all around while air flow distributes evenly throughout the box. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Panels on ends quickly remove for complete access to refrigerant components and electrical terminal block during installation and servicing
- Tapered mounting provides proper slope for condensate drainage to one end of the unit

Reliable & Durable

- Heavy-gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating

Performance

- Quick disconnect, waterproof plug and receptacle for each motor in all models
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes
- Highest quality tubular heaters provide fast and economical defrost
- Generous coil surface gives proper compressor balance
- Standard adjustable defrost termination fan delay thermostat
- Motors are life lubricated and thermal overload protected
- Air moves across the ceiling in both directions providing even air distribution throughout the cooler

Versatile

- Compact, ceiling mount and center mount design allows for shelving and storage of product around all walls

Nomenclature

Nomenclature

SM	052	A	E
Model Series	Capacity	Electrical Code	Design Revision
SM = Bohn Center Mount, air defrost SME = Bohn Center Mount, electric defrost	# BTUH x 100	A = 115/1/60 B = 208-230/1/60 AE = 115/1/60 (EC) BE = 208-230/1/60 (EC)	

Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory Installed Options List Price Adders (\$US)								
			Electrical Options		Mechanical Options			Coil Options			
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60											
SM052AEE	SM052SE	2,367	1,399	291	523	809	1,401	627	Call Factory	585	Call Factory
SM076AEE	SM076SE	3,162	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM090AEE	SM090SE	3,477	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM102AEE	SM102SE	3,774	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM108AEE	SM108SE	4,253	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM134AEE	SM134SE	4,751	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM156AEE	SM156SE	5,214	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM179AEE	SM179SE	5,998	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM208AEE	SM208SE	6,560	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM249AEE	SM249SE	8,029	1,399	291	523	809	1,401	Call Factory	Call Factory	1,824	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60											
SM052BEE	SM052SE	2,527	1,399	291	523	809	1,401	627	Call Factory	585	Call Factory
SM076BEE	SM076SE	3,354	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM090BEE	SM090SE	3,668	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM102BEE	SM102SE	3,969	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM108BEE	SM108SE	4,489	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM134BEE	SM134SE	4,977	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM156BEE	SM156SE	5,441	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM179BEE	SM179SE	6,255	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM208BEE	SM208SE	6,831	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM249BEE	SM249SE	8,327	1,399	291	523	809	1,401	Call Factory	Call Factory	1,824	Call Factory
Air Defrost Models with PSC Motors - 115/1/60											
SM052AE	SM052SE	2,014	1,399	291	523	809	1,401	627	Call Factory	585	Call Factory
SM076AE	SM076SE	2,456	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM090AE	SM090SE	2,771	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM102AE	SM102SE	3,068	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM108AE	SM108SE	3,194	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM134AE	SM134SE	3,692	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM156AE	SM156SE	4,155	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM179AE	SM179SE	4,586	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM208AE	SM208SE	5,148	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM249AE	SM249SE	6,264	1,399	291	523	809	1,401	Call Factory	Call Factory	1,824	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory Installed Options List Price Adders (\$US)								
			Electrical Options		Mechanical Options			Coil Options			
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with PSC Motors - 208-230/1/60											
SM052BE	SM052SE	2,174	1,399	291	523	809	1,401	627	Call Factory	585	Call Factory
SM076BE	SM076SE	2,648	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM090BE	SM090SE	2,962	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM102BE	SM102SE	3,263	1,399	291	523	809	1,401	861	Call Factory	802	Call Factory
SM108BE	SM108SE	3,430	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM134BE	SM134SE	3,918	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM156BE	SM156SE	4,382	1,399	291	523	809	1,401	Call Factory	Call Factory	1,138	Call Factory
SM179BE	SM179SE	4,849	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM208BE	SM208SE	5,419	1,399	291	523	809	1,401	Call Factory	Call Factory	1,416	Call Factory
SM249BE	SM249SE	6,562	1,399	291	523	809	1,401	Call Factory	Call Factory	1,824	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Center Mount

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
			Electrical Options		Mechanical Options			Coil Options
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	QCF, TXV, & LLSV	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60								
SME040BEE	SME040SE	3,108	1,399	291	523	809	1,401	Call Factory
SME054BEE	SME054SE	4,190	1,399	291	523	809	1,401	Call Factory
SME065BEE	SME065SE	4,337	1,399	291	523	809	1,401	Call Factory
SME090BEE	SME090SE	5,454	1,399	291	523	809	1,401	Call Factory
SME130BEE	SME130SE	5,969	1,399	291	523	809	1,401	Call Factory
SME174BEE	SME174SE	7,738	1,399	291	523	809	1,401	Call Factory
Electric Defrost Models with PSC Motors - 208-230/1/60								
SME040BE	SME040SE	2,755	1,399	291	523	809	1,401	Call Factory
SME054BE	SME054SE	3,484	1,399	291	523	809	1,401	Call Factory
SME065BE	SME065SE	3,631	1,399	291	523	809	1,401	Call Factory
SME090BE	SME090SE	4,395	1,399	291	523	809	1,401	Call Factory
SME130BE	SME130SE	4,910	1,399	291	523	809	1,401	Call Factory
SME174BE	SME174SE	6,326	1,399	291	523	809	1,401	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan and Adjustable Defrost Term. / Fan Delay are standard.
- Beacon II must be ordered as a system.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve; QCF = Quick Connect Fittings.
- 460V Fan Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Center Mount

Shipped-Loose Accessories

Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostats	275	-
28963101	Electronic Room Thermostat	347	-
Defrost Controls			
4267W	Adjustable Defrost Control / Fan Delay Switch	257	-
Check Valves			
5890C	7/8" Suction Line Check Valve	193	-
5889C	1 1/8" Suction Line Check Valve	376	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	139	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	152	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	180	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	276	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	509	-
Heat Exchangers			
24200004	Heat Exchanger used on 040 Electric Defrost Models	228	3/8" Liquid Connection OD, 5/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200005	Heat Exchanger used on 054 - 090 Electric Defrost Models	250	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 130-174 Electric Defrost Models	292	1/2" Liquid Connection OD, 1-1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

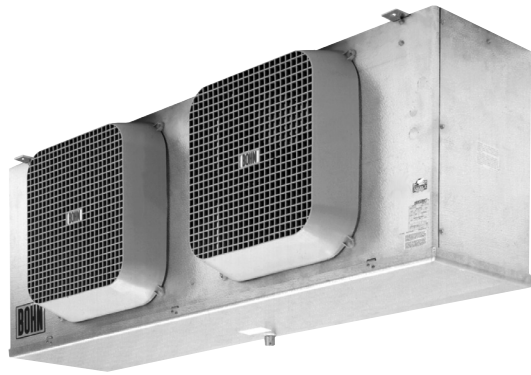
Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under
TXV036	319	24,000 BTUH to 36,000 BTUH
TXV060	517	36,000 BTUH to 60,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	305	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH
29318011	329	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH

Medium Profile

Overview



Product Description

Medium profile unit coolers, available in air, electric, and hot gas defrost, are ideal for numerous commercial and industrial applications. With a modular design that is only 25 inches high, these units provide superior quality and a long, dependable life for many different applications. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Schrader valve provided for suction pressure measurement
- Liquid line solenoid wire harness is factory-installed for quick installation
- Coil heater slots have been enlarged for easier installation and replacement
- Heaters are coil face mounted for easy access
- Front hinged drain pan for easy access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- Heavy gauge textured aluminum cabinet
- Sweat connections to reduce potential for leaks
- Patented Thermo-Flex™ coil design allows the coil to “flex” during periods of defrost resulting in expansion of the coil surface comes with a 5-year warranty
- Heavy plastic molded fan guards for extended air throw
- Reliable nickel steel alloy defrost heater elements
- Thermally protected, lifetime-lubricated single phase PSC motors

Performance

- External equalizer connection
- Internal panels are isolated for quiet operation
- Electric defrost models have fixed defrost termination / fan delay and heater limit thermostats
- PSC motors

Versatile

- Large diameter drain fitting (3/4" ID)
- Beacon II™ compatible
- Different motor and voltage options available

Nomenclature

BM	A	130	B	A
Model Series	Model Type	Capacity	Electrical Code	Vintage
Bohn Medium Profile Unit Coolers	A = Air Defrost, 7 FPI E = Electric Defrost, 6 FPI L = Electric Defrost, 4.5 FPI G = Hot Gas Defrost, 6 FPI F = Hot gas Defrost, 4.5 FPI	# x 100 = BTUH	A = 115/1/60 B = 208-230/1/60 C = 208-230/3/60 D = 460/3/60 M = 460/1/60 E = 575/3/60 L = 575/1/60 N = 110/1/50 Q = 220/1/50 R = 380/1/50 V = 380/3/50 AE = 115/1/60 (EC) BE = 208-230/1/60 (EC) CE = 208-230/3/60 (EC) S = Configurable	

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
			Electrical Options		Mechanical Options		Coil Options			
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with VSEC Motors - 115/1/60										
-	BMA130SA	4,453	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA155SA	5,112	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA245SA	7,734	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA300SA	9,401	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA365SA	12,030	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA450SA	13,909	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA510SA	16,610	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA600SA	17,428	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
Air Defrost Models with VSEC Motors - 208-230/1/60										
-	BMA130SA	4,518	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA155SA	5,171	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA245SA	7,857	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA300SA	9,525	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA365SA	12,221	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA450SA	14,101	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA510SA	16,859	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA600SA	17,681	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA710SA	20,456	2,220	291	1,074	1,649	Call Factory	Call Factory	1,315	Call Factory
Air Defrost Models with EC Motors - 115/1/60										
-	BMA130SA	4,218	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA155SA	4,877	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA245SA	7,264	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA300SA	8,931	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA365SA	11,325	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA450SA	13,204	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA510SA	15,670	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA600SA	16,488	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and ring fan guards optional at no additional cost.
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
			Electrical Options		Mechanical Options		Coil Options			
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 208-230/1/60										
-	BMA130SA	4,283	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA155SA	4,936	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA245SA	7,387	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA300SA	9,055	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA365SA	11,516	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA450SA	13,396	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA510SA	15,919	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA600SA	16,741	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA710SA	19,281	2,220	291	1,074	1,649	Call Factory	Call Factory	1,315	Call Factory
Air Defrost Models with PSC Motors - 115/1/60										
BMA130AA	BMA130SA	3,579	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA155AA	BMA155SA	4,238	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA245AA	BMA245SA	5,986	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
BMA300AA	BMA300SA	7,653	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
BMA365AA	BMA365SA	9,408	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
BMA450AA	BMA450SA	11,287	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
BMA510AA	BMA510SA	13,114	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
BMA600AA	BMA600SA	13,932	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
Air Defrost Models with PSC Motors - 208-230/1/60										
BMA130BA	BMA130SA	3,644	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA155BA	BMA155SA	4,297	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA245BAF	BMA245SA	6,109	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
BMA300BA	BMA300SA	7,777	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
BMA365BA	BMA365SA	9,599	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
BMA450BA	BMA450SA	11,479	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
BMA510BA	BMA510SA	13,363	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
BMA600BA	BMA600SA	14,185	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
BMA710BA	BMA710SA	16,086	2,220	291	1,074	1,649	Call Factory	Call Factory	1,315	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and ring fan guards optional at no additional cost.
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
			Electrical Options		Mechanical Options		Coil Options			
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with PSC Motors - 460/1/60										
BMA130MA	BMA130SA	3,830	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA155MA	BMA155SA	4,485	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA245MA	BMA245SA	6,482	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
BMA300MA	BMA300SA	8,148	2,220	291	552	840	Call Factory	Call Factory	-	Call Factory
BMA365MA	BMA365SA	10,151	2,220	291	741	1,190	Call Factory	Call Factory	-	Call Factory
BMA450MA	BMA450SA	12,033	2,220	291	741	1,190	Call Factory	Call Factory	-	Call Factory
BMA510MA	BMA510SA	14,102	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
BMA600MA	BMA600SA	14,924	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
BMA710MA	BMA710SA	17,010	2,220	291	1,074	1,649	Call Factory	Call Factory	1,315	Call Factory
Air Defrost Models with PSC Motors - 575/1/60										
BMA130LA	BMA130SA	3,905	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA155LA	BMA155SA	4,574	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
BMA245LA	BMA245SA	6,612	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
BMA300LA	BMA300SA	8,313	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
BMA365LA	BMA365SA	10,352	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
BMA450LA	BMA450SA	12,275	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
BMA510LA	BMA510SA	14,386	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
BMA600LA	BMA600SA	15,221	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
BMA710LA	BMA710SA	17,349	2,220	291	1,074	1,649	Call Factory	Call Factory	1,315	Call Factory
Air Defrost Models with Totally-Enclosed PSC Motors - 208-230/1/60										
-	BMA130SA	3,888	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA155SA	4,541	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA245SA	6,597	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA300SA	8,265	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA365SA	10,331	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA450SA	12,211	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA510SA	14,339	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA600SA	15,161	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA710SA	17,306	2,220	291	1,074	1,649	Call Factory	Call Factory	1,315	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and ring fan guards optional at no additional cost.
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)							
			Electrical Options		Mechanical Options		Coil Options			
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with Totally-Enclosed PSC Motors - 460/1/60										
-	BMA130SA	4,074	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA155SA	4,729	2,220	291	552	840	1,221	Call Factory	1,104	Call Factory
-	BMA245SA	6,970	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA300SA	8,636	2,220	291	552	840	Call Factory	Call Factory	1,164	Call Factory
-	BMA365SA	10,883	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA450SA	12,765	2,220	291	741	1,190	Call Factory	Call Factory	1,227	Call Factory
-	BMA510SA	15,078	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA600SA	15,900	2,220	291	741	1,190	Call Factory	Call Factory	1,282	Call Factory
-	BMA710SA	18,230	2,220	291	1,074	1,649	Call Factory	Call Factory	1,315	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

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Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
				Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with VSEC Motors -208-230/1/60										
-	BME101SA	6	5,226	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME140SA	6	6,028	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME190SA	6	8,683	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME260SA	6	11,262	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME310SA	6	12,903	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME390SA	6	15,234	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML100SA	4.5	5,393	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML165SA	4.5	7,993	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML220SA	4.5	10,310	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML250SA	4.5	11,761	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML330SA	4.5	14,729	2,220	291	Standard	Call Factory	741	1,190	Call Factory
Electric Defrost Models with EC Motors - 208-230/1/60										
-	BME101SA	6	4,991	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME140SA	6	5,793	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME190SA	6	8,213	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME260SA	6	10,792	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME310SA	6	12,198	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME390SA	6	14,529	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML100SA	4.5	5,158	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML165SA	4.5	7,523	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML220SA	4.5	9,840	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML250SA	4.5	11,056	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML330SA	4.5	14,024	2,220	291	Standard	Call Factory	741	1,190	Call Factory
Electric Defrost Models with EC Motors - 208-230/3/60										
-	BME101SA	6	4,991	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME140SA	6	5,793	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME190SA	6	8,213	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME260SA	6	10,792	2,220	291	Standard	Call Factory	552	840	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126
Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

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Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
				Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
-	BME310SA	6	12,198	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME390SA	6	14,529	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME430SA	6	16,276	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME520SA	6	18,118	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME620SA	6	19,919	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
-	BML100SA	4.5	5,158	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML165SA	4.5	7,523	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML220SA	4.5	9,840	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML250SA	4.5	11,056	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML330SA	4.5	14,024	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML370SA	4.5	15,728	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML440SA	4.5	17,461	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML530SA	4.5	19,252	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
Electric Defrost Models with PSC Motors - 208-230/1/60										
BME101BA	BME101SA	6	4,352	2,220	291	Standard	Call Factory	552	840	Call Factory
BME140BA	BME140SA	6	5,154	2,220	291	Standard	Call Factory	552	840	Call Factory
BME190BA	BME190SA	6	6,935	2,220	291	Standard	Call Factory	552	840	Call Factory
BME260BA	BME260SA	6	9,514	2,220	291	Standard	Call Factory	552	840	Call Factory
BME310BA	BME310SA	6	10,281	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME390BA	BME390SA	6	12,612	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML100BA	BML100SA	4.5	4,519	2,220	291	Standard	Call Factory	552	840	Call Factory
BML165BA	BML165SA	4.5	6,245	2,220	291	Standard	Call Factory	552	840	Call Factory
BML220BA	BML220SA	4.5	8,562	2,220	291	Standard	Call Factory	552	840	Call Factory
BML250BA	BML250SA	4.5	9,139	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML330BA	BML330SA	4.5	12,107	2,220	291	Standard	Call Factory	741	1,190	Call Factory
Electric Defrost Models with PSC Motors - 208-230/3/60										
BME101CA	BME101SA	6	4,352	2,220	291	Standard	Call Factory	552	840	Call Factory
BME140CA	BME140SA	6	5,154	2,220	291	Standard	Call Factory	552	840	Call Factory
BME190CA	BME190SA	6	6,935	2,220	291	Standard	Call Factory	552	840	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126
Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
				Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
BME260CA	BME260SA	6	9,514	2,220	291	Standard	Call Factory	552	840	Call Factory
BME310CA	BME310SA	6	10,281	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME390CA	BME390SA	6	12,612	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME430CA	BME430SA	6	13,720	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME520CA	BME520SA	6	15,562	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME620CA	BME620SA	6	16,724	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
BML100CA	BML100SA	4.5	4,519	2,220	291	Standard	Call Factory	552	840	Call Factory
BML165CA	BML165SA	4.5	6,245	2,220	291	Standard	Call Factory	552	840	Call Factory
BML220CA	BML220SA	4.5	8,562	2,220	291	Standard	Call Factory	552	840	Call Factory
BML250CA	BML250SA	4.5	9,139	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML330CA	BML330SA	4.5	12,107	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML370CA	BML370SA	4.5	13,172	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML440CA	BML440SA	4.5	14,905	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML530CA	BML530SA	4.5	16,057	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
Electric Defrost Models with PSC Motors - 460/1/60										
BME101MA	BME101SA	6	4,614	2,220	291	Standard	Call Factory	552	840	Call Factory
BME140MA	BME140SA	6	5,415	2,220	291	Standard	Call Factory	552	840	Call Factory
BME190MA	BME190SA	6	7,450	2,220	291	Standard	Call Factory	552	840	Call Factory
BME260MA	BME260SA	6	10,031	2,220	291	Standard	Call Factory	552	840	Call Factory
BME310MA	BME310SA	6	11,054	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME390MA	BME390SA	6	13,387	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME430MA	BME430SA	6	14,753	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME520MA	BME520SA	6	16,595	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME620MA	BME620SA	6	18,017	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
BML100MA	BML100SA	4.5	4,776	2,220	291	Standard	Call Factory	552	840	Call Factory
BML165MA	BML165SA	4.5	6,762	2,220	291	Standard	Call Factory	552	840	Call Factory
BML220MA	BML220SA	4.5	9,082	2,220	291	Standard	Call Factory	552	840	Call Factory
BML250MA	BML250SA	4.5	9,653	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML330MA	BML330SA	4.5	12,884	2,220	291	Standard	Call Factory	741	1,190	Call Factory

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Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
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Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
				Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
BML370MA	BML370SA	4.5	14,203	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML440MA	BML440SA	4.5	15,935	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML530MA	BML530SA	4.5	17,347	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
Electric Defrost Models with PSC Motors - 460/3/60										
BME101DA	BME101SA	6	4,614	2,220	291	Standard	Call Factory	552	840	Call Factory
BME140DA	BME140SA	6	5,415	2,220	291	Standard	Call Factory	552	840	Call Factory
BME190DA	BME190SA	6	7,450	2,220	291	Standard	Call Factory	552	840	Call Factory
BME260DA	BME260SA	6	10,031	2,220	291	Standard	Call Factory	552	840	Call Factory
BME310DA	BME310SA	6	11,054	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME390DA	BME390SA	6	13,387	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME430DA	BME430SA	6	14,753	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME520DA	BME520SA	6	16,595	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME620DA	BME620SA	6	18,017	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
BML100DA	BML100SA	4.5	4,776	2,220	291	Standard	Call Factory	552	840	Call Factory
BML165DA	BML165SA	4.5	6,762	2,220	291	Standard	Call Factory	552	840	Call Factory
BML220DA	BML220SA	4.5	9,082	2,220	291	Standard	Call Factory	552	840	Call Factory
BML250DA	BML250SA	4.5	9,653	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML330DA	BML330SA	4.5	12,884	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML370DA	BML370SA	4.5	14,203	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML440DA	BML440SA	4.5	15,935	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML530DA	BML530SA	4.5	17,347	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
Electric Defrost Models with PSC Motors - 575/3/60										
BME101EA	BME101SA	6	4,709	2,220	291	Standard	Call Factory	552	840	Call Factory
BME140EA	BME140SA	6	5,521	2,220	291	Standard	Call Factory	552	840	Call Factory
BME190EA	BME190SA	6	7,598	2,220	291	Standard	Call Factory	552	840	Call Factory
BME260EA	BME260SA	6	10,235	2,220	291	Standard	Call Factory	552	840	Call Factory
BME310EA	BME310SA	6	11,276	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME390EA	BME390SA	6	13,655	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME430EA	BME430SA	6	15,051	2,220	291	Standard	Call Factory	741	1,190	Call Factory

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Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126
Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
				Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
BME520EA	BME520SA	6	16,926	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BME620EA	BME620SA	6	18,378	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
BML100EA	BML100SA	4.5	4,873	2,220	291	Standard	Call Factory	552	840	Call Factory
BML165EA	BML165SA	4.5	6,894	2,220	291	Standard	Call Factory	552	840	Call Factory
BML220EA	BML220SA	4.5	9,263	2,220	291	Standard	Call Factory	552	840	Call Factory
BML250EA	BML250SA	4.5	9,845	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML330EA	BML330SA	4.5	13,142	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML370EA	BML370SA	4.5	14,488	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML440EA	BML440SA	4.5	16,253	2,220	291	Standard	Call Factory	741	1,190	Call Factory
BML530EA	BML530SA	4.5	17,692	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
Electric Defrost Models with Totally-Enclosed PSC Motors - 208-230/1/60										
-	BME101SA	6	4,596	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME140SA	6	5,398	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME190SA	6	7,423	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME260SA	6	10,002	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME310SA	6	11,013	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME390SA	6	13,344	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML100SA	4.5	4,763	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML165SA	4.5	6,733	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML220SA	4.5	9,050	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML250SA	4.5	9,871	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML330SA	4.5	12,839	2,220	291	Standard	Call Factory	741	1,190	Call Factory
Electric Defrost Models with Totally-Enclosed PSC Motors - 208-230/3/60										
-	BME101SA	6	4,596	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME140SA	6	5,398	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME190SA	6	7,423	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME260SA	6	10,002	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME310SA	6	11,013	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME390SA	6	13,344	2,220	291	Standard	Call Factory	741	1,190	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
				Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
-	BME430SA	6	14,696	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME520SA	6	16,538	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME620SA	6	17,944	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
-	BML100SA	4.5	4,763	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML165SA	4.5	6,733	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML220SA	4.5	9,050	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML250SA	4.5	9,871	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML330SA	4.5	12,839	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML370SA	4.5	14,148	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML440SA	4.5	15,881	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML530SA	4.5	17,277	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
Electric Defrost Models with Totally-Enclosed PSC Motors - 460/1/60										
-	BME101SA	6	4,858	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME140SA	6	5,659	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME190SA	6	7,938	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME260SA	6	10,519	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME310SA	6	11,786	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME390SA	6	14,119	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME430SA	6	15,729	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME520SA	6	17,571	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME620SA	6	19,237	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
-	BML100SA	4.5	5,020	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML165SA	4.5	7,250	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML220SA	4.5	9,570	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML250SA	4.5	10,385	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML330SA	4.5	13,616	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML370SA	4.5	15,179	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML440SA	4.5	16,911	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML530SA	4.5	18,567	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

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Notes:

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- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
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Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

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- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
				Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
				Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with Totally-Enclosed PSC Motors - 460/3/60										
-	BME101SA	6	4,858	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME140SA	6	5,659	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME190SA	6	7,938	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME260SA	6	10,519	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BME310SA	6	11,786	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME390SA	6	14,119	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME430SA	6	15,729	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME520SA	6	17,571	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BME620SA	6	19,237	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory
-	BML100SA	4.5	5,020	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML165SA	4.5	7,250	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML220SA	4.5	9,570	2,220	291	Standard	Call Factory	552	840	Call Factory
-	BML250SA	4.5	10,385	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML330SA	4.5	13,616	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML370SA	4.5	15,179	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML440SA	4.5	16,911	2,220	291	Standard	Call Factory	741	1,190	Call Factory
-	BML530SA	4.5	18,567	2,220	291	Standard	Call Factory	1,074	1,649	Call Factory

Regulations Require EC or VSEC Motors!

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Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
Hot Gas Defrost Models with VSEC Motors - 115/1/60									
-	BMG190SA	6	8,163	Standard	660	Call Factory	552	-	Call Factory
-	BMG260SA	6	10,533	Standard	660	Call Factory	552	-	Call Factory
-	BMG310SA	6	12,128	Standard	792	Call Factory	741	-	Call Factory
-	BMG390SA	6	14,331	Standard	792	Call Factory	741	-	Call Factory
-	BMG430SA	6	16,184	Standard	923	Call Factory	1,074	-	Call Factory
-	BMG520SA	6	17,919	Standard	923	Call Factory	1,074	-	Call Factory
-	BMF165SA	4.5	7,965	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF220SA	4.5	10,326	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF250SA	4.5	11,838	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF330SA	4.5	13,910	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF370SA	4.5	15,729	Standard	923	Call Factory	1,074	Call Factory	Call Factory
-	BMF440SA	4.5	17,406	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with VSEC Motors - 208-230/1/60									
-	BMG190SA	6	8,293	Standard	660	Call Factory	552	-	Call Factory
-	BMG260SA	6	10,727	Standard	660	Call Factory	552	-	Call Factory
-	BMG310SA	6	12,320	Standard	792	Call Factory	741	-	Call Factory
-	BMG390SA	6	14,524	Standard	792	Call Factory	741	-	Call Factory
-	BMG430SA	6	16,443	Standard	923	Call Factory	1,074	-	Call Factory
-	BMG520SA	6	18,177	Standard	923	Call Factory	1,074	-	Call Factory
-	BMF165SA	4.5	8,094	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF220SA	4.5	10,457	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF250SA	4.5	12,028	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF330SA	4.5	14,105	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF370SA	4.5	15,989	Standard	923	Call Factory	1,074	Call Factory	Call Factory
-	BMF440SA	4.5	17,667	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with EC Motors - 115/1/60									
-	BMG190SA	6	7,693	Standard	660	Call Factory	552	-	Call Factory
-	BMG260SA	6	10,063	Standard	660	Call Factory	552	-	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

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Notes:

- Adjustable Defrost Term/Fan Relay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

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Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
-	BMG310SA	6	11,423	Standard	792	Call Factory	741	-	Call Factory
-	BMG390SA	6	13,626	Standard	792	Call Factory	741	-	Call Factory
-	BMG430SA	6	15,244	Standard	923	Call Factory	1,074	-	Call Factory
-	BMG520SA	6	16,979	Standard	923	Call Factory	1,074	-	Call Factory
-	BMF165SA	4.5	7,495	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF220SA	4.5	9,856	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF250SA	4.5	11,133	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF330SA	4.5	13,205	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF370SA	4.5	14,789	Standard	923	Call Factory	1,074	Call Factory	Call Factory
-	BMF440SA	4.5	16,466	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with EC Motors - 208-230/1/60									
-	BMG190SA	6	7,823	Standard	660	Call Factory	552	-	Call Factory
-	BMG260SA	6	10,257	Standard	660	Call Factory	552	-	Call Factory
-	BMG310SA	6	11,615	Standard	792	Call Factory	741	-	Call Factory
-	BMG390SA	6	13,819	Standard	792	Call Factory	741	-	Call Factory
-	BMG430SA	6	15,503	Standard	923	Call Factory	1,074	-	Call Factory
-	BMG520SA	6	17,237	Standard	923	Call Factory	1,074	-	Call Factory
-	BMF165SA	4.5	7,624	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF220SA	4.5	9,987	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF250SA	4.5	11,323	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF330SA	4.5	13,400	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF370SA	4.5	15,049	Standard	923	Call Factory	1,074	Call Factory	Call Factory
-	BMF440SA	4.5	16,727	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 115/1/60									
BMG190AA	BMG190SA	6	6,415	Standard	660	Call Factory	552	-	Call Factory
BMG260AA	BMG260SA	6	8,785	Standard	660	Call Factory	552	-	Call Factory
BMG310AA	BMG310SA	6	9,506	Standard	792	Call Factory	741	-	Call Factory
BMG390AA	BMG390SA	6	11,709	Standard	792	Call Factory	741	-	Call Factory
BMG430AA	BMG430SA	6	12,688	Standard	923	Call Factory	1,074	-	Call Factory

Regulations Require EC or VSEC Motors!

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

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Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

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Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
BMG520AA	BMG520SA	6	14,423	Standard	923	Call Factory	1,074	-	Call Factory
BMF165AA	BMF165SA	4.5	6,217	Standard	660	Call Factory	552	Call Factory	Call Factory
BMF220AA	BMF220SA	4.5	8,578	Standard	660	Call Factory	552	Call Factory	Call Factory
BMF250AA	BMF250SA	4.5	9,216	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF330AA	BMF330SA	4.5	11,288	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF370AA	BMF370SA	4.5	12,233	Standard	923	Call Factory	1,074	Call Factory	Call Factory
BMF440AA	BMF440SA	4.5	13,910	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 208-230/1/60									
BMG190BA	BMG190SA	6	6,545	Standard	660	Call Factory	552	-	Call Factory
BMG260BA	BMG260SA	6	8,979	Standard	660	Call Factory	552	-	Call Factory
BMG310BA	BMG310SA	6	9,698	Standard	792	Call Factory	741	-	Call Factory
BMG390BA	BMG390SA	6	11,902	Standard	792	Call Factory	741	-	Call Factory
BMG430BA	BMG430SA	6	12,947	Standard	923	Call Factory	1,074	-	Call Factory
BMG520BA	BMG520SA	6	14,681	Standard	923	Call Factory	1,074	-	Call Factory
BMF165BA	BMF165SA	4.5	6,346	Standard	660	Call Factory	552	Call Factory	Call Factory
BMF220BA	BMF220SA	4.5	8,709	Standard	660	Call Factory	552	Call Factory	Call Factory
BMF250BA	BMF250SA	4.5	9,406	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF330BA	BMF330SA	4.5	11,483	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF370BA	BMF370SA	4.5	12,493	Standard	923	Call Factory	1,074	Call Factory	Call Factory
BMF440BA	BMF440SA	4.5	14,171	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 460/1/60									
BMG190MA	BMG190SA	6	7,072	Standard	660	Call Factory	552	-	Call Factory
BMG260MA	BMG260SA	6	9,505	Standard	660	Call Factory	552	-	Call Factory
BMG310MA	BMG310SA	6	10,490	Standard	792	Call Factory	741	-	Call Factory
BMG390MA	BMG390SA	6	12,707	Standard	792	Call Factory	741	-	Call Factory
BMG430MA	BMG430SA	6	13,997	Standard	923	Call Factory	1,074	-	Call Factory
BMG520MA	BMG520SA	6	15,735	Standard	923	Call Factory	1,074	-	Call Factory
BMF165MA	BMF165SA	4.5	6,869	Standard	660	Call Factory	552	Call Factory	Call Factory
BMF220MA	BMF220SA	4.5	9,236	Standard	660	Call Factory	552	Call Factory	Call Factory

Regulations Require EC or VSEC Motors!

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Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
BMF250MA	BMF250SA	4.5	10,199	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF330MA	BMF330SA	4.5	12,292	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF370MA	BMF370SA	4.5	13,543	Standard	923	Call Factory	1,074	Call Factory	Call Factory
BMF440MA	BMF440SA	4.5	15,221	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with PSC Motors - 575/1/60									
BMG190LA	BMG190SA	6	7,212	Standard	660	Call Factory	552	-	Call Factory
BMG260LA	BMG260SA	6	9,694	Standard	660	Call Factory	552	-	Call Factory
BMG310LA	BMG310SA	6	10,700	Standard	792	Call Factory	741	-	Call Factory
BMG390LA	BMG390SA	6	12,963	Standard	792	Call Factory	741	-	Call Factory
BMG430LA	BMG430SA	6	14,279	Standard	923	Call Factory	1,074	-	Call Factory
BMG520LA	BMG520SA	6	16,050	Standard	923	Call Factory	1,074	-	Call Factory
BMF165LA	BMF165SA	4.5	7,008	Standard	660	Call Factory	552	Call Factory	Call Factory
BMF220LA	BMF220SA	4.5	9,421	Standard	660	Call Factory	552	Call Factory	Call Factory
BMF250LA	BMF250SA	4.5	10,403	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF330LA	BMF330SA	4.5	12,537	Standard	792	Call Factory	741	Call Factory	Call Factory
BMF370LA	BMF370SA	4.5	13,815	Standard	923	Call Factory	1,074	Call Factory	Call Factory
BMF440LA	BMF440SA	4.5	15,527	Standard	923	Call Factory	1,074	Call Factory	Call Factory
Hot Gas Defrost Models with Totally-Enclosed PSC Motors - 208-230/1/60									
-	BMG190SA	6	7,033	Standard	660	Call Factory	552	-	Call Factory
-	BMG260SA	6	9,467	Standard	660	Call Factory	552	-	Call Factory
-	BMG310SA	6	10,430	Standard	792	Call Factory	741	-	Call Factory
-	BMG390SA	6	12,634	Standard	792	Call Factory	741	-	Call Factory
-	BMG430SA	6	13,923	Standard	923	Call Factory	1,074	-	Call Factory
-	BMG520SA	6	15,657	Standard	923	Call Factory	1,074	-	Call Factory
-	BMF165SA	4.5	6,834	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF220SA	4.5	9,197	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF250SA	4.5	10,138	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF330SA	4.5	12,215	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF370SA	4.5	13,469	Standard	923	Call Factory	1,074	Call Factory	Call Factory
-	BMF440SA	4.5	15,147	Standard	923	Call Factory	1,074	Call Factory	Call Factory

Regulations Require EC or VSEC Motors!

Federal Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet with single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors and controlled in response to space conditions.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	FPI	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
				Drain Pan Options			Mechanical Options	Coil Options	
				Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
Hot Gas Defrost Models with Totally-Enclosed PSC Motors - 460/1/60									
-	BMG190SA	6	7,560	Standard	660	Call Factory	552	-	Call Factory
-	BMG260SA	6	9,993	Standard	660	Call Factory	552	-	Call Factory
-	BMG310SA	6	11,222	Standard	792	Call Factory	741	-	Call Factory
-	BMG390SA	6	13,439	Standard	792	Call Factory	741	-	Call Factory
-	BMG430SA	6	14,973	Standard	923	Call Factory	1,074	-	Call Factory
-	BMG520SA	6	16,711	Standard	923	Call Factory	1,074	-	Call Factory
-	BMF165SA	4.5	7,357	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF220SA	4.5	9,724	Standard	660	Call Factory	552	Call Factory	Call Factory
-	BMF250SA	4.5	10,931	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF330SA	4.5	13,024	Standard	792	Call Factory	741	Call Factory	Call Factory
-	BMF370SA	4.5	14,519	Standard	923	Call Factory	1,074	Call Factory	Call Factory
-	BMF440SA	4.5	16,197	Standard	923	Call Factory	1,074	Call Factory	Call Factory

Regulations Require EC or VSEC Motors!

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Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Variable Speed EC (VSEC) motors require a customer supplied 0-10V signal.
- TXV = Expansion Valve
- Molded fan guards are standard and wire fan guards optional at no additional cost.
- When using hot gas defrost units on 0°F degree applications and below, an insulated drain pan is required for models with hot gas drain pans.
- Low Temp Motors, Stainless Steel Cabinet & Pan, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Hot Gas Reverse Cycle Kits

Need a Hot Gas
Reverse Cycle Kit?

Need help? Please contact your local Sales Representative or Account Engineer for assistance.

Kits for Models with Standard Electric Pan

Hot Gas Models Used On		Factory-Installed		Shipped-Loose	
BMG	BMF	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
190 - 260	165 - 220	RCK.EP-1	2,465	89867601	365
310 - 520	250 - 440	RCK.EP-2	2,727	89867602	539

Notes:

- Factory-installed kits include expansion valve and TXV bypass check valve assembly. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve. Kit does not include expansion valve.

Kits for Models with Optional Hot Gas Pan

Hot Gas Models Used On		Factory-Installed		Shipped-Loose	
BMG	BMF	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
190	165	RCK.HGP-1	3,219	89869403 + 89867601	1,003
260	220	RCK.HGP-2	3,789	89869402 + 89867601	1,234
310 - 390	250 - 330	RCK.HGP-3	4,052	89869402 + 89867602	1,408
430 - 520	370 - 440	RCK.HGP-4	4,202	89869401 + 89867602	1,503

Notes:

- Factory installed kits included expansion valve, TXV Bypass check valve assembly, suction check valve assembly, and drain pan check valve assembly. Kit does not include hot gas pan price. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve, one check valve and piping for drain pan assembly and one check valve and piping for suction assembly. Kit does not include Hot gas pan pricing. Kit does not include expansion valve.

Hot Gas 3-Pipe Kits Available.

Contact your local sales representative or Account Engineer for more information.

Medium Profile

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
28963101	Electronic Room Thermostat	347	-
Air Sock Collars			
89865801	Collar for Air Sock (18" fan)	225	Must be used with wire fan guards. Must order 1 per fan.
Defrost Controls			
21340101	Electric Defrost Timer (60 Hz)	321	-
5505-R	30-Amp Contactor	344	Use as fan or heater contactor
5738-N	50-Amp Contactor	391	Use as fan or heater contactor
Check Valves			
5890C	7/8" Suction Line Check Valve	193	-
5889C	1 1/8" Suction Line Check Valve	376	-
2933022	1 3/8" Suction Line Check Valve	776	-
5731F	1 5/8" Suction Line Check Valve	783	-
Drain Line Heaters			
5508Q	6 ft. Drain Line Heater (208-230V, 42 Watts)	139	-
5594P	12 ft. Drain Line Heater (208-230V, 84 Watts)	152	-
5595P	18 ft. Drain Line Heater (208-230V, 126 Watts)	180	-
5596P	36 ft. Drain Line Heater (208-230V, 252 Watts)	276	-
5597P	60 ft. Drain Line Heater (208-230V, 420 Watts)	509	-
Heat Exchangers			
24200005	Heat Exchanger used on 130 Air Defrost Model and 100 - 140 Electric Defrost Models	250	3/8" Liquid Connection OD, 7/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200007	Heat Exchanger used on 155 - 300 Air Defrost Models and 165 - 190 Electric & Hot Gas Defrost Models	292	1/2" Liquid Connection OD, 1 1/8" Suction Connection OD, 14" Length, 2lbs Approx. Ship Wt.
24200008	Heat Exchanger used on 365 - 450 Air Defrost Models, 260 - 390 (6 FPI) Electric & Hot Gas Defrost Models, and 220 - 330 (4 FPI) Electric & Hot Gas Defrost Models	490	5/8" Liquid Connection OD, 1 3/8" Suction Connection OD, 14" Length, 3lbs Approx. Ship Wt.
24200009	Heat Exchanger used on 510 - 710 Air Defrost Models and 370 - 620 Electric & Hot Gas Defrost Models	538	7/8" Liquid Connection OD, 1 5/8" Suction Connection OD, 16" Length, 4lbs Approx. Ship Wt.

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV024	319	24,000 BTUH and under
TXV036	319	24,000 BTUH to 36,000 BTUH
TXV060	517	36,000 BTUH to 60,000 BTUH
TXV120	656	60,000 BTUH to 120,000 BTUH
TXV360	827	120,000 BTUH to 360,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
29318013	305	3/8	12,000 BTUH and under	11,000 BTUH and under
4502Z	305	3/8	12,000 BTUH to 24,000 BTUH	11,000 BTUH to 21,000 BTUH
29318011	329	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH
29318012	329	1/2	36,000 BTUH to 51,000 BTUH	31,000 BTUH to 44,000 BTUH
5766Y	329	1/2	51,000 BTUH to 72,000 BTUH	44,000 BTUH to 62,000 BTUH
5768Y	437	5/8	72,000 BTUH to 144,000 BTUH	62,000 BTUH to 120,000 BTUH

Large Unit Coolers

Overview



Product Description

The large unit cooler line, available in air, electric, and hot gas defrost, is ideal for warehouse cooler/freezer applications. These superior quality, heavy duty evaporators are available in a wide range of capacities to support many applications. Opting for EC motors or the Beacon II™ Refrigeration System makes this product qualified to be included in the **E Solutions™** product portfolio because of increased energy efficiency and cost savings.

Certifications



Standard Features

Ease of Installation & Service

- Liquid line solenoid wiring harness for faster installation
- Standardized terminal board for easier field wiring
- Hinged drain pan and access panels for easy servicing
- Suction Schrader fitting for easier suction temperature measurement
- Captive fasteners on access panels for easy servicing — no fumbling with loose bolts and nuts

Reliable & Durable

- Thermo-Flex™ (with five-year limited warranty) is innovative, eliminates leaks, and reduces risk of refrigerant loss
- Mill finish aluminum provides an attractive design and structurally sound cabinet
- PVC coated steel wire fan guards

Performance

- 850 rpm motors are quiet and reliable
- Long air throw is ideal for large warehouse and industrial application
- High CFM motors

Versatile

- Adjustable defrost control can be customized per application
- Available with air, electric, or hot gas defrost
- Beacon II™ compatible
- Many motors and voltages available

Nomenclature

BH	A	850	C	P	A
Model Series	Model Type	Capacity	Electrical Code	Optional Motor	Vintage
Bohn Large Unit Cooler	A = Air Defrost, 6 or 8 FPI E = Electric Defrost, 6 FPI L = Electric Defrost, 4.5 FPI G = Hot Gas Defrost, 6 FPI F = Hot gas Defrost, 4.5 FPI	# x 100 = BTUH	B = 208-230/1/60 C = 208-230/3/60 D = 460/3/60 M = 460/1/60 E = 575/3/60 X = 380-400/3/50 Y = 200-220/1/50 S = Configurable	T = Totally Enclosed Motors V = High CFM Option P = 3-Phase Motor	

Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Mechanical Options		Coil Options		
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with Totally Enclosed VFD Approved Motors - 208-230/3/60									
-	BHA520SA	12,275	4,185	291	987	1,534	Call Factory	1,309	Call Factory
-	BHA630SA	13,532	4,185	291	987	1,534	Call Factory	1,309	Call Factory
-	BHA750SA	16,673	4,185	291	987	1,534	Call Factory	1,389	Call Factory
-	BHA850SA	17,935	4,185	291	987	1,534	Call Factory	1,389	Call Factory
-	BHA930SA	19,656	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
-	BHA1100SA	21,390	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
-	BHA1170SA	26,189	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
-	BHA1400SA	29,341	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
-	BHA1610SA	30,918	Call Factory	291	1,442	Call Factory	Call Factory	1,600	Call Factory
-	BHA1900SA	36,283	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
-	BHA2160SA	40,065	Call Factory	291	1,279	2,042	Call Factory	1,891	Call Factory
-	BHA2200SA	39,541	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
-	BHA2440SA	45,693	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
-	BHA2500SA	44,429	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
-	BHA2780SA	47,741	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
Air Defrost Models with Totally Enclosed VFD Approved Motors - 460/3/60									
-	BHA520SA	12,275	4,185	291	987	1,534	Call Factory	1,309	Call Factory
-	BHA630SA	13,532	4,185	291	987	1,534	Call Factory	1,309	Call Factory
-	BHA750SA	16,673	4,185	291	987	1,534	Call Factory	1,389	Call Factory
-	BHA850SA	17,935	4,185	291	987	1,534	Call Factory	1,389	Call Factory
-	BHA930SA	19,656	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
-	BHA1100SA	21,390	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
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-	BHA1400SA	29,341	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
-	BHA1610SA	30,918	Call Factory	291	1,442	Call Factory	Call Factory	1,600	Call Factory
-	BHA1900SA	36,283	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
-	BHA2160SA	40,065	Call Factory	291	1,279	2,042	Call Factory	1,891	Call Factory
-	BHA2200SA	39,541	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
-	BHA2440SA	45,693	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
-	BHA2500SA	44,429	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
-	BHA2780SA	47,741	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Beacon II must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Mechanical Options		Coil Options		
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with Standard Motors - 208-230/1/60									
BHA520BA	BHA520SA	11,358	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA630BA	BHA630SA	12,615	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA750BA	BHA750SA	15,299	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA850BA	BHA850SA	16,561	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA930BA	BHA930SA	17,824	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1100BA	BHA1100SA	19,558	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
Air Defrost Models with Standard Motors - 208-230/3/60									
BHA520CPA	BHA520SA	12,065	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA630CPA	BHA630SA	13,488	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA750CA	BHA750SA	15,299	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA750CPA	BHA750SA	16,388	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA850CA	BHA850SA	16,561	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA850CPA	BHA850SA	17,604	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA930CA	BHA930SA	17,824	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA930CPA	BHA930SA	19,241	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1100CA	BHA1100SA	19,558	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1100CPA	BHA1100SA	20,978	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1170CPA	BHA1170SA	25,397	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
BHA1400CPA	BHA1400SA	28,549	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
BHA1610CPA	BHA1610SA	30,126	Call Factory	291	1,442	Call Factory	Call Factory	1,600	Call Factory
BHA1900CPA	BHA1900SA	35,491	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2160CPA	BHA2160SA	39,273	Call Factory	291	1,279	2,042	Call Factory	1,891	Call Factory
BHA2200CPA	BHA2200SA	38,485	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2440CPA	BHA2440SA	44,637	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2500CPA	BHA2500SA	43,373	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
BHA2780CPA	BHA2780SA	46,685	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
Air Defrost Models with Standard Motors - 460/1/60									
BHA520MA	BHA520SA	11,358	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA630MA	BHA630SA	12,615	4,185	291	987	1,534	Call Factory	1,309	Call Factory
Air Defrost Models with Standard Motors - 460/3/60									
BHA520DPA	BHA520SA	12,065	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA630DPA	BHA630SA	13,488	4,185	291	987	1,534	Call Factory	1,309	Call Factory

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Notes:

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- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Mechanical Options		Coil Options		
			Beacon II Assembly	Room TSTAT	TXV	TXV & LLSV	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
BHA750DA	BHA750SA	15,299	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA750DPA	BHA750SA	16,388	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA850DA	BHA850SA	16,561	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA850DPA	BHA850SA	17,604	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA930DA	BHA930SA	17,824	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA930DPA	BHA930SA	19,241	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1100DA	BHA1100SA	19,558	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1100DPA	BHA1100SA	20,978	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1170DPA	BHA1170SA	25,397	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
BHA1400DPA	BHA1400SA	28,549	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
BHA1610DPA	BHA1610SA	30,126	Call Factory	291	1,442	Call Factory	Call Factory	1,600	Call Factory
BHA1900DPA	BHA1900SA	35,491	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2160DPA	BHA2160SA	39,273	Call Factory	291	1,279	2,042	Call Factory	1,891	Call Factory
BHA2200DPA	BHA2200SA	38,485	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2440DPA	BHA2440SA	44,637	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2500DPA	BHA2500SA	43,373	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
BHA2780DPA	BHA2780SA	46,685	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
Air Defrost Models with Standard Motors - 575/3/60									
BHA520EPA	BHA520SA	12,307	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA630EPA	BHA630SA	13,757	4,185	291	987	1,534	Call Factory	1,309	Call Factory
BHA750EPA	BHA750SA	16,716	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA850EPA	BHA850SA	17,955	4,185	291	987	1,534	Call Factory	1,389	Call Factory
BHA930EPA	BHA930SA	19,626	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1100EPA	BHA1100SA	21,397	4,185	291	1,170	1,853	Call Factory	1,495	Call Factory
BHA1170EPA	BHA1170SA	25,903	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
BHA1400EPA	BHA1400SA	29,119	4,185	291	1,170	1,853	Call Factory	1,600	Call Factory
BHA1610EPA	BHA1610SA	30,728	Call Factory	291	1,442	Call Factory	Call Factory	1,600	Call Factory
BHA1900EPA	BHA1900SA	36,198	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2160EPA	BHA2160SA	40,059	Call Factory	291	1,279	2,042	Call Factory	1,891	Call Factory
BHA2200EPA	BHA2200SA	39,254	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2440EPA	BHA2440SA	45,532	Call Factory	291	1,279	2,042	Call Factory	2,573	Call Factory
BHA2500EPA	BHA2500SA	44,243	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory
BHA2780EPA	BHA2780SA	47,559	Call Factory	291	1,279	2,042	Call Factory	2,098	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Beacon II must be ordered as a system. Models 1610, 2440, 2500, 2780 and the models 1900, 2160, 2200 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- Double Wall Insulated Pans, Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
			Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
Electric Defrost Models with Totally Enclosed VFD Approved Motors - 208-230/3/60									
-	BHE450SA	14,324	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE550SA	16,373	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE640SA	18,251	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE740SA	21,403	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE810SA	26,119	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE950SA	28,334	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1020SA	29,341	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1200SA	33,441	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1390SA	36,596	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
-	BHE1650SB	47,164	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHE2120SB	57,680	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL400SA	13,375	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL480SA	16,215	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL560SA	17,935	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL650SA	19,671	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL710SA	21,549	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL840SA	27,858	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL890SA	29,023	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1050SA	32,813	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1220SA	36,283	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
-	BHL1440SB	45,586	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL1860SB	55,156	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
Electric Defrost Models with Totally Enclosed VFD Approved Motors - 460/3/60									
-	BHE450SA	14,324	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE550SA	16,373	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE640SA	18,251	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE740SA	21,403	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE810SA	26,119	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE950SA	28,334	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1020SA	29,341	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1200SA	33,441	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1390SA	36,596	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system. Models 1220, 1390, 1860, and 2120 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
			Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
-	BHE1650SB	47,164	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHE2120SB	57,680	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL400SA	13,375	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL480SA	16,215	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL560SA	17,935	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL650SA	19,671	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL710SA	21,549	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL840SA	27,858	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL890SA	29,023	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1050SA	32,813	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1220SA	36,283	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
-	BHL1440SB	45,586	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL1860SB	55,156	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
Electric Defrost Models with Standard Motors - 208-230/3/60									
BHE450CA	BHE450SA	13,408	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE450CPA	BHE450SA	14,117	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE550CA	BHE550SA	15,457	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE550CPA	BHE550SA	16,153	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE640CA	BHE640SA	16,877	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE640CPA	BHE640SA	17,919	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE740CA	BHE740SA	20,029	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE740CPA	BHE740SA	21,135	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE810CA	BHE810SA	24,287	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE810CPA	BHE810SA	25,678	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE950CA	BHE950SA	26,502	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE950CPA	BHE950SA	27,918	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1020CPA	BHE1020SA	28,549	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1200CPA	BHE1200SA	32,649	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1390CPA	BHE1390SA	35,804	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
BHE1650CPB	BHE1650SB	46,372	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
BHE2120CPB	BHE2120SB	56,624	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
BHL400CA	BHL400SA	12,459	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL400CPA	BHL400SA	13,153	4,185	291	Standard	Call Factory	987	1,534	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system. Models 1220, 1390, 1860, and 2120 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
			Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
BHL480CA	BHL480SA	15,299	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL480CPA	BHL480SA	16,009	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL560CA	BHL560SA	16,561	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL560CPA	BHL560SA	17,604	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL650CA	BHL650SA	18,297	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL650CPA	BHL650SA	19,336	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL710CA	BHL710SA	19,717	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL710CPA	BHL710SA	21,135	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL840CA	BHL840SA	26,026	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL840CPA	BHL840SA	27,442	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL890CPA	BHL890SA	28,231	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL1050CPA	BHL1050SA	32,021	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL1220CPA	BHL1220SA	35,491	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
BHL1440CPB	BHL1440SB	44,794	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
BHL1860CPB	BHL1860SB	54,100	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
Electric Defrost Models with Standard Motors - 460/3/60									
BHE450DA	BHE450SA	13,408	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE450DPA	BHE450SA	14,117	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE550DA	BHE550SA	15,457	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE550DPA	BHE550SA	16,153	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE640DA	BHE640SA	16,877	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE640DPA	BHE640SA	17,919	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE740DA	BHE740SA	20,029	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE740DPA	BHE740SA	21,135	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE810DA	BHE810SA	24,287	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE810DPA	BHE810SA	25,678	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE950DA	BHE950SA	26,502	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE950DPA	BHE950SA	27,918	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1020DPA	BHE1020SA	28,549	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1200DPA	BHE1200SA	32,649	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1390DPA	BHE1390SA	35,804	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
BHE1650DPB	BHE1650SB	46,372	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
BHE2120DPB	BHE2120SB	56,624	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory

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- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
			Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
BHL400DA	BHL400SA	12,459	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL400DPA	BHL400SA	13,153	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL480DA	BHL480SA	15,299	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL480DPA	BHL480SA	16,009	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL560DA	BHL560SA	16,561	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL560DPA	BHL560SA	17,604	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL650DA	BHL650SA	18,297	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL650DPA	BHL650SA	19,336	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL710DA	BHL710SA	19,717	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL710DPA	BHL710SA	21,135	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL840DA	BHL840SA	26,026	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL840DPA	BHL840SA	27,442	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL890DPA	BHL890SA	28,231	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL1050DPA	BHL1050SA	32,021	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL1220DPA	BHL1220SA	35,491	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
BHL1440DPB	BHL1440SB	44,794	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
BHL1860DPB	BHL1860SB	54,100	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
Electric Defrost Models with Standard Motors - 575/3/60									
BHE450EPA	BHE450SA	14,398	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE550EPA	BHE550SA	16,476	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE640EPA	BHE640SA	18,276	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE740EPA	BHE740SA	21,556	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHE810EPA	BHE810SA	26,191	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE950EPA	BHE950SA	28,474	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1020EPA	BHE1020SA	29,119	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1200EPA	BHE1200SA	33,301	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHE1390EPA	BHE1390SA	36,522	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
BHE1650EPB	BHE1650SB	47,299	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
BHE2120EPB	BHE2120SB	57,755	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
BHL400EPA	BHL400SA	13,418	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL480EPA	BHL480SA	16,329	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL560EPA	BHL560SA	17,955	4,185	291	Standard	Call Factory	987	1,534	Call Factory
BHL650EPA	BHL650SA	19,723	4,185	291	Standard	Call Factory	987	1,534	Call Factory

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Large Unit Coolers

Electric Defrost Models & Options

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Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
			Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
BHL710EPA	BHL710SA	21,556	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL840EPA	BHL840SA	27,991	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL890EPA	BHL890SA	28,796	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL1050EPA	BHL1050SA	32,661	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
BHL1220EPA	BHL1220SA	36,198	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
BHL1440EPB	BHL1440SB	45,690	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
BHL1860EPB	BHL1860SB	55,180	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
Electric Defrost Models with High CFM Motors - 208-230/3/60									
-	BHE450SA	16,168	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE550SA	18,217	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE640SA	21,017	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE740SA	24,169	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE810SA	29,807	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE950SA	32,022	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1020SA	32,419	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1200SA	36,519	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1390SA	39,674	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
-	BHE1650SB	50,242	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHE2120SB	61,784	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL400SA	15,219	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL480SA	18,059	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL560SA	20,701	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL650SA	22,437	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL710SA	25,237	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL840SA	31,546	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL890SA	32,101	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1050SA	35,891	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1220SA	39,361	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
-	BHL1440SB	48,664	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL1860SB	59,260	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
Electric Defrost Models with High CFM Motors - 460/3/60									
-	BHE450SA	16,168	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE550SA	18,217	4,185	291	Standard	Call Factory	987	1,534	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system. Models 1220, 1390, 1860, and 2120 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)						
			Electrical Options		Drain Pan Options		Mechanical Options		Coil Options
			Beacon II Assembly	Room TSTAT	Electric	Double Wall Insulated	TXV	TXV & LLSV	Bronz-Glow
-	BHE640SA	21,017	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE740SA	24,169	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHE810SA	29,807	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE950SA	32,022	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1020SA	32,419	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1200SA	36,519	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHE1390SA	39,674	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
-	BHE1650SB	50,242	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHE2120SB	61,784	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL400SA	15,219	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL480SA	18,059	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL560SA	20,701	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL650SA	22,437	4,185	291	Standard	Call Factory	987	1,534	Call Factory
-	BHL710SA	25,237	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL840SA	31,546	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL890SA	32,101	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1050SA	35,891	4,185	291	Standard	Call Factory	1,170	1,853	Call Factory
-	BHL1220SA	39,361	Call Factory	291	Standard	Call Factory	1,442	Call Factory	Call Factory
-	BHL1440SB	48,664	4,185	291	Standard	Call Factory	1,170	2,042	Call Factory
-	BHL1860SB	59,260	Call Factory	291	Standard	Call Factory	1,170	2,042	Call Factory

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Beacon II must be ordered as a system. Models 1220, 1390, 1860, and 2120 (when used with 404A) require special split circuiting.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve; LLSV = Liquid Line Solenoid Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
			Drain Pan Options			Mechanical Options	Coil Options	
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
Hot Gas Defrost Models with Totally Enclosed VFD Approved Motors - 208-230/3/60								
-	BHG450SA	13,848	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG550SA	16,059	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG640SA	17,776	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG740SA	20,932	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG810SA	25,177	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHG950SA	27,858	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHG1020SA	28,710	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1200SA	32,967	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1390SA	36,121	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHG1650SA	44,165	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHG2120SB	55,626	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
-	BHF400SA	13,062	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF480SA	15,743	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF560SA	17,620	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF650SA	19,510	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF710SA	21,390	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF840SA	27,541	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF890SA	28,710	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1050SA	32,337	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1220SA	36,121	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1440SA	45,113	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1860SB	54,683	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
Hot Gas Defrost Models with Totally Enclosed VFD Approved Motors - 460/3/60								
-	BHG450SA	13,848	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG550SA	16,059	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG640SA	17,776	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG740SA	20,932	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG810SA	25,177	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHG950SA	27,858	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHG1020SA	28,710	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1200SA	32,967	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1390SA	36,121	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHG1650SA	44,165	Standard	986	Call Factory	1,442	Call Factory	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
			Drain Pan Options			Mechanical Options	Coil Options	
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
-	BHG2120SB	55,626	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
-	BHF400SA	13,062	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF480SA	15,743	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF560SA	17,620	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF650SA	19,510	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF710SA	21,390	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF840SA	27,541	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF890SA	28,710	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1050SA	32,337	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1220SA	36,121	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1440SA	45,113	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1860SB	54,683	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
Hot Gas Defrost Models with Standard Motors - 208-230/1/60								
BHG450BA	BHG450SA	12,932	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG550BA	BHG550SA	15,142	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF400BA	BHF400SA	12,146	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF480BA	BHF480SA	14,826	Standard	552	Call Factory	987	Call Factory	Call Factory
Hot Gas Defrost Models with Standard Motors - 208-230/3/60								
BHG450CPA	BHG450SA	13,643	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG550CPA	BHG550SA	15,851	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG640CA	BHG640SA	16,402	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG640CPA	BHG640SA	17,508	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG740CA	BHG740SA	19,558	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG740CPA	BHG740SA	20,662	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG810CA	BHG810SA	23,345	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG810CPA	BHG810SA	24,764	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG950CA	BHG950SA	26,026	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG950CPA	BHG950SA	27,442	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG1020CPA	BHG1020SA	27,918	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHG1200CPA	BHG1200SA	32,175	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHG1390CPA	BHG1390SA	35,329	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHG1650CPA	BHG1650SA	43,373	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHG2120CPB	BHG2120SB	54,570	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
BHF400CPA	BHF400SA	12,854	Standard	552	Call Factory	987	Call Factory	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
			Drain Pan Options			Mechanical Options	Coil Options	
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
BHF480CPA	BHF480SA	15,539	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF560CA	BHF560SA	16,246	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF560CPA	BHF560SA	17,349	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF650CA	BHF650SA	18,136	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF650CPA	BHF650SA	19,241	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF710CA	BHF710SA	19,558	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF710CPA	BHF710SA	20,978	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF840CA	BHF840SA	25,709	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF840CPA	BHF840SA	27,125	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF890CPA	BHF890SA	27,918	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHF1050CPA	BHF1050SA	31,545	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHF1220CPA	BHF1220SA	35,329	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHF1440CPA	BHF1440SA	44,321	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHF1860CPB	BHF1860SB	53,627	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
Hot Gas Defrost Models with Standard Motors - 460/1/60								
BHG450MA	BHG450SA	12,932	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG550MA	BHG550SA	15,142	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF400MA	BHF400SA	12,146	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF480MA	BHF480SA	14,826	Standard	552	Call Factory	987	Call Factory	Call Factory
Hot Gas Defrost Models with Standard Motors - 460/3/60								
BHG450DPA	BHG450SA	13,643	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG550DPA	BHG550SA	15,851	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG640DA	BHG640SA	16,402	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG640DPA	BHG640SA	17,508	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG740DA	BHG740SA	19,558	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG740DPA	BHG740SA	20,662	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG810DA	BHG810SA	23,345	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG810DPA	BHG810SA	24,764	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG950DA	BHG950SA	26,026	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG950DPA	BHG950SA	27,442	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG1020DPA	BHG1020SA	27,918	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHG1200DPA	BHG1200SA	32,175	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHG1390DPA	BHG1390SA	35,329	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHG1650DPA	BHG1650SA	43,373	Standard	986	Call Factory	1,442	Call Factory	Call Factory

Regulation Requires VFD Approved Motors!

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Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
			Drain Pan Options			Mechanical Options	Coil Options	
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
BHG2120DPB	BHG2120SB	54,570	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
BHF400DPA	BHF400SA	12,854	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF480DPA	BHF480SA	15,539	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF560DA	BHF560SA	16,246	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF560DPA	BHF560SA	17,349	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF650DA	BHF650SA	18,136	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF650DPA	BHF650SA	19,241	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF710DA	BHF710SA	19,558	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF710DPA	BHF710SA	20,978	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF840DA	BHF840SA	25,709	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF840DPA	BHF840SA	27,125	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF890DPA	BHF890SA	27,918	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHF1050DPA	BHF1050SA	31,545	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHF1220DPA	BHF1220SA	35,329	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHF1440DPA	BHF1440SA	44,321	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHF1860DPB	BHF1860SB	53,627	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
Hot Gas Defrost Models with Standard Motors - 575/3/60								
BHG450EPA	BHG450SA	13,916	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG550EPA	BHG550SA	16,169	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG640EPA	BHG640SA	17,859	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG740EPA	BHG740SA	21,077	Standard	552	Call Factory	987	Call Factory	Call Factory
BHG810EPA	BHG810SA	25,260	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG950EPA	BHG950SA	28,002	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHG1020EPA	BHG1020SA	28,440	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHG1200EPA	BHG1200SA	32,818	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHG1390EPA	BHG1390SA	36,037	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHG1650EPA	BHG1650SA	44,243	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHG2120EPB	BHG2120SB	55,662	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
BHF400EPA	BHF400SA	13,112	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF480EPA	BHF480SA	15,849	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF560EPA	BHF560SA	17,697	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF650EPA	BHF650SA	19,626	Standard	552	Call Factory	987	Call Factory	Call Factory
BHF710EPA	BHF710SA	21,397	Standard	552	Call Factory	1,170	Call Factory	Call Factory
BHF840EPA	BHF840SA	27,670	Standard	552	Call Factory	1,170	Call Factory	Call Factory

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Notes:

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Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
			Drain Pan Options			Mechanical Options	Coil Options	
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
BHF890EPA	BHF890SA	28,474	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHF1050EPA	BHF1050SA	32,175	Standard	986	Call Factory	1,170	Call Factory	Call Factory
BHF1220EPA	BHF1220SA	36,037	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHF1440EPA	BHF1440SA	45,208	Standard	986	Call Factory	1,442	Call Factory	Call Factory
BHF1860EPB	BHF1860SB	54,697	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
Hot Gas Defrost Models with High CFM Motors - 208-230/3/60								
-	BHG450SA	15,693	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG550SA	17,903	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG640SA	20,542	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG740SA	23,698	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG810SA	28,865	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHG950SA	31,546	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHG1020SA	31,788	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1200SA	36,045	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1390SA	39,199	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHG1650SA	47,243	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHG2120SB	59,730	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
-	BHF400SA	14,907	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF480SA	17,587	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF560SA	20,386	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF650SA	22,276	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF710SA	25,078	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF840SA	31,229	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF890SA	31,788	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1050SA	35,415	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1220SA	39,199	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1440SA	48,191	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1860SB	58,787	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
Hot Gas Defrost Models with High CFM Motors - 460/3/60								
-	BHG450SA	15,693	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG550SA	17,903	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG640SA	20,542	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG740SA	23,698	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHG810SA	28,865	Standard	552	Call Factory	1,170	Call Factory	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Hot Gas Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)					
			Drain Pan Options			Mechanical Options	Coil Options	
			Electric	Hot Gas Loop	Double Wall Insulated	TXV	ElectroFin Coil	Bronz-Glow
-	BHG950SA	31,546	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHG1020SA	31,788	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1200SA	36,045	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHG1390SA	39,199	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHG1650SA	47,243	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHG2120SB	59,730	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory
-	BHF400SA	14,907	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF480SA	17,587	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF560SA	20,386	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF650SA	22,276	Standard	552	Call Factory	987	Call Factory	Call Factory
-	BHF710SA	25,078	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF840SA	31,229	Standard	552	Call Factory	1,170	Call Factory	Call Factory
-	BHF890SA	31,788	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1050SA	35,415	Standard	986	Call Factory	1,170	Call Factory	Call Factory
-	BHF1220SA	39,199	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1440SA	48,191	Standard	986	Call Factory	1,442	Call Factory	Call Factory
-	BHF1860SB	58,787	Standard	1,418	Call Factory	1,442	Call Factory	Call Factory

Regulation Requires VFD Approved Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet must be variable speed and controlled in response to space conditions. Single phase evaporator fan motors less than 1 HP and less than 460V must be variable speed EC motors. Exception: Evaporators served by a single compressor without unloading capability.

Notes:

- Adjustable Defrost Term/Fan Delay standard.
- Customer to supply VFD to control VFD approved motors.
- TXV = Expansion Valve
- 3 Phase Low temp motors and Stainless Steel Cabinet & Pan, Drain Pan Baffles, Electric Re-Heat Option, Dual Circuited Coils, and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Unit Coolers

Hot Gas Reverse Cycle Kits

Need a Hot Gas Reverse Cycle Kit?

Need help? Please contact your local Sales Representative or Account Engineer for assistance.

Kits for Models with Standard Electric Pan

Bohn Hot Gas Models Used On		Factory-Installed		Shipped-Loose	
BHG	BHF	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
450 - 550	400 - 480	RCK.EP-1	2,946	89910901	861
640 - 950	560 - 840	RCK.EP-2	2,946	89910902	986
1020	890	RCK.EP-3	2,946	89910903	1,229
1200	1050	RCK.EP-4	4,296	89910904	1,364
1390	1220	RCK.EP-5	4,296	89911101	1,519
1650 - 2120	1440 - 1860	RCK.EP-6	4,296	89911301	1,519

Notes:

- Factory-installed kits include expansion valve and TXV bypass check valve assembly. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve. Kit does not include expansion valve.

Kits for Models with Optional Hot Gas Pan

Bohn Hot Gas Models Used On		Factory-Installed		Shipped-Loose	
BHG	BHF	Option Code	List Price Adder (\$US)	Part Number	List Price (\$US)
450 - 550	400 - 480	RCK.HGP-1	4,506	89910905	2,133
640 - 950	560 - 840	RCK.HGP-2	5,058	89910906	2,709
1020	890	RCK.HGP-3	5,294	89910907	2,954
1200	1050	RCK.HGP-4	5,893	89910908	3,321
1390	1220	RCK.HGP-5	7,955	89911102	5,209
1650	1440	RCK.HGP-6	8,458	89911302	5,734
2120	1860	RCK.HGP-7	8,474	89911303	5,750

Notes:

- Factory installed kits included expansion valve, TXV Bypass check valve assembly, suction check valve assembly, and drain pan check valve assembly. Kit does not include hot gas pan price. Specify valve model style, refrigerant, and SST on order.
- Shipped-loose kits include one check valve and piping for TXV bypass around expansion valve, one check valve and piping for drain pan assembly and one check valve and piping for suction assembly. Kit does not include Hot gas pan pricing. Kit does not include expansion valve.

Refrigerated Warehouse Unit Coolers

Large Unit Coolers

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something or need help selecting the appropriate accessory for your unit? Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	List Price (\$US)	Notes
Room Thermostats			
2891040	Room Thermostat	275	-
28963101	Electronic Room Thermostat	347	-
Extended Throw			
89910701	Collar for Air Throw (24" fan)	475	Must be used with wire fan guards. Must order 1 per fan.
89904401	Collar for Air Throw (30" fan)	634	Must be used with wire fan guards. Must order 1 per fan.
Defrost Controls			
21340101	Electric Defrost Timer (60 Hz)	321	-
5505-R	30-Amp Contactor	344	Use as fan or heater contactor
5738-N	50-Amp Contactor	391	Use as fan or heater contactor
Check Valves			
5731F	1 5/8" Suction Line Check Valve	783	-
2933034	2 1/8" Suction Line Check Valve	1,604	-
2933042	2 5/8" Suction Line Check Valve	1,847	-
Drain Line Heaters			
5508Q	6 ft. Drain Line heater (208-230V, 42 Watts)	139	-
5594P	12 ft. Drain Line heater (208-230V, 84 Watts)	152	-
5595P	18 ft. Drain Line heater (208-230V, 126 Watts)	180	-
5596P	36 ft. Drain Line heater (208-230V, 252 Watts)	276	-
5597P	60 ft. Drain Line heater (208-230V, 420 Watts)	509	-
Heat Exchangers			
24200009	Heat Exchanger used on 520 - 630 Air Defrost Models, 450 - 550 Electric & Hot Gas Defrost Models (6 FPI), and 400 - 480 Electric & Hot Gas Defrost Models (4.5 FPI)	538	7/8" Liquid Connection OD, 1 5/8" Suction Connection OD, 16" Length, 4lbs Approx. Ship Wt.
24200010	Heat Exchanger used on 750 - 850 Air Defrost Models	826	7/8" Liquid Connection OD, 2 1/8" Suction Connection OD, 17" Length, 6lbs Approx. Ship Wt.
24200011	Heat Exchanger used on 930 - 1400 Air Defrost Models, 640 Electric & Hot Gas Defrost Models (6 FPI), and 560 - 650 Electric & Hot Gas Defrost Models (4.5 FPI)	1,133	7/8" Liquid Connection OD, 2 1/8" Suction Connection OD, 25" Length, 8lbs Approx. Ship Wt.
24200012	Heat Exchanger used on 740 - 1390 Electric & Hot Gas Defrost Models (6 FPI), and 710 - 1220 Electric & Hot Gas Defrost Models (4.5 FPI)	1,329	1 1/8" Liquid Connection OD, 2 1/8" Suction Connection OD, 27" Length, 9lbs Approx. Ship Wt.
24200013	Heat Exchanger used on 1610 - 2440 Air Defrost Models	1,429	1 1/8" Liquid Connection OD, 2 5/8" Suction Connection OD, 28" Length, 10lbs Approx. Ship Wt.
24200015	Heat Exchanger used on 2500 - 2780 Air Defrost Models, 1650 - 2120 Electric & Hot Gas Defrost Models (6 FPI), and 1440 - 1860 Electric & Hot Gas Defrost Models (4.5 FPI)	1,928	1 1/8" Liquid Connection OD, 2 5/8" Suction Connection OD, 28" Length, 10lbs Approx. Ship Wt.

Large Unit Coolers

Shipped-Loose Accessories

Expansion Valves (TXV)

When placing order, please specify refrigerant type, saturated suction temperature (SST), liquid temperature, and room temperature.

Part Number	List Price (\$US)	Capacity Range (BTUH)
TXV036	319	24,000 BTUH to 36,000 BTUH
TXV060	517	36,000 BTUH to 60,000 BTUH
TXV120	656	60,000 BTUH to 120,000 BTUH
TXV360	827	120,000 BTUH to 360,000 BTUH
TXV540	1,199	360,000 BTUH to 540,000 BTUH

Liquid-line Solenoid Valves (LLSV)

Part Number	List Price (\$US)	Size	Capacity Range (R-404A)	
			Medium Temperature Application (BTUH)	Low Temperature Application (BTUH)
5766Y	329	1/2	51,000 BTUH to 72,000 BTUH	44,000 BTUH to 62,000 BTUH
5768Y	437	5/8	72,000 BTUH to 144,000 BTUH	62,000 BTUH to 120,000 BTUH
5804E	540	7/8	144,000 BTUH to 216,000 BTUH	120,000 BTUH to 185,000 BTUH
5803E	675	1 1/8	216,000 BTUH to 380,000 BTUH	185,000 BTUH to 315,000 BTUH
29318011	329	3/8	24,000 BTUH to 44,000 BTUH	21,000 BTUH to 38,000 BTUH
29318012	329	1/2	36,000 BTUH to 51,000 BTUH	31,000 BTUH to 44,000 BTUH
5825N	974	1 1/8	380,000 BTUH to 652,000 BTUH	315,000 BTUH to 540,000 BTUH

Low Profile

Overview



Product Description

Low profile glycol unit coolers, are available in air, electric, or warm fluid defrost. These units are designed to offer an environmentally-friendly product that provides maximum capacity while occupying a minimum amount of space inside a walk-in cooler or freezer. These units are ideal for many applications including restaurants and convenience stores. The use of alternative refrigerants makes this product qualified to be included in the **E Solutions™** product portfolio. Additional savings can be seen by opting for EC motors or the Beacon II™ Refrigeration System.

Certifications



Standard Features

Ease of Installation & Service

- Cabinet design features front access panels on each side for easy access to electrical and refrigeration components
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Pre-drilled holes on the back of the unit for room thermostat
- Coil heater slots have been enlarged for easier installation and replacement
- On 4-6 fan models, drain pan has a lanyard for easy and safe access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- Sweat connections to reduce potential for leaks
- Molded fan guard design made of strong plastic material
- Heavy gauge grained aluminum cabinet cleans easily and looks attractive

Performance

- Internal panels are isolated for quiet operation
- Internally enhanced tubing and fin design for higher efficiency
- Reduced heater wattages
- Adjustable defrost termination for warm fluid defrost models
- Extended drain pan heaters for more uniform defrost throughout the drain pan and additional heat in end compartments

Versatile

- Large diameter drain hole (3/4" ID) is located on the back of the unit
- Minimal height of the low profile series makes it ideal for low ceiling coolers

Nomenclature

ADT	G	0400	A	K
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
ADT = Bohn Low Profile, Air Defrost LET = Bohn Low Profile, Electric Defrost HGT = Bohn Low Profile, Warm Fluid Defrost	G = Glycol	BTUH/ITD	A = 115/1/60 (EC) B = 208-230/1/60 (EC) C = 208-230/3/60 (EC) M = 460/1/60 S = Configurable	

Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory - Installed Options List Price Adders (\$US)			
				Coil Options			
				BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60							
-	ADTG0400SK	2,746	2	650	Call Factory	1,021	Call Factory
-	ADTG0475SK	2,854	2	650	Call Factory	1,021	Call Factory
-	ADTG0525SK	3,163	2	650	Call Factory	1,021	Call Factory
-	ADTG0725SK	4,263	3	950	Call Factory	1,041	Call Factory
-	ADTG0900SK	5,633	4	Call Factory	Call Factory	1,063	Call Factory
-	ADTG1000SK	7,030	5	Call Factory	Call Factory	1,088	Call Factory
-	ADTG1300SK	7,297	5	Call Factory	Call Factory	1,088	Call Factory
-	ADTG1475SK	8,107	6	Call Factory	Call Factory	1,110	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60							
-	ADTG0400SK	2,816	2	650	Call Factory	1,021	Call Factory
-	ADTG0475SK	2,924	2	650	Call Factory	1,021	Call Factory
-	ADTG0525SK	3,227	2	650	Call Factory	1,021	Call Factory
-	ADTG0725SK	4,367	3	950	Call Factory	1,041	Call Factory
-	ADTG0900SK	6,308	4	Call Factory	Call Factory	1,063	Call Factory
-	ADTG1000SK	7,850	5	Call Factory	Call Factory	1,088	Call Factory
-	ADTG1300SK	8,117	5	Call Factory	Call Factory	1,088	Call Factory
-	ADTG1475SK	9,036	6	Call Factory	Call Factory	1,110	Call Factory
Air Defrost Models with PSC Motors - 460/1/60							
-	ADTG0400SK	2,702	2	650	Call Factory	1,021	Call Factory
-	ADTG0475SK	2,811	2	650	Call Factory	1,021	Call Factory
-	ADTG0525SK	3,113	2	650	Call Factory	1,021	Call Factory
-	ADTG0725SK	4,088	3	950	Call Factory	1,041	Call Factory
-	ADTG0900SK	5,863	4	Call Factory	Call Factory	1,063	Call Factory
-	ADTG1000SK	7,239	5	Call Factory	Call Factory	1,088	Call Factory
-	ADTG1300SK	7,506	5	Call Factory	Call Factory	1,088	Call Factory
-	ADTG1475SK	8,259	6	Call Factory	Call Factory	1,110	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Low Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)	
				Coil Options	Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60					
-	LETG0400SK	3,816	2		Call Factory
-	LETG0475SK	3,871	2		Call Factory
-	LETG0525SK	4,040	2		Call Factory
-	LETG0725SK	5,330	3		Call Factory
-	LETG0900SK	6,923	4		Call Factory
-	LETG1000SK	8,588	5		Call Factory
-	LETG1300SK	8,855	5		Call Factory
-	LETG1475SK	9,774	6		Call Factory
Electric Defrost Models with EC Motors - 208-230/3/60					
-	LETG0400SK	4,076	2		Call Factory
-	LETG0475SK	4,132	2		Call Factory
-	LETG0525SK	4,300	2		Call Factory
-	LETG0725SK	5,589	3		Call Factory
-	LETG0900SK	7,181	4		Call Factory
-	LETG1000SK	8,847	5		Call Factory
-	LETG1300SK	9,115	5		Call Factory
-	LETG1475SK	10,033	6		Call Factory
Electric Defrost Models with PSC Motors - 460/1/60					
-	LETG0400SK	3,990	2		Call Factory
-	LETG0475SK	4,046	2		Call Factory
-	LETG0525SK	4,214	2		Call Factory
-	LETG0725SK	5,337	3		Call Factory
-	LETG0900SK	6,764	4		Call Factory
-	LETG1000SK	8,263	5		Call Factory
-	LETG1300SK	8,530	5		Call Factory
-	LETG1475SK	9,283	6		Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent & drain valves, heater limit thermostats and adjustable defrost termination fan delay.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Low Profile

Warm Fluid Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)	
				Coil Options	
				ElectroFin Coil	Bronz-Glow
Warm Fluid Defrost Models with EC Motors - 115/1/60					
-	HGTG0475SK	3,825	2	Call Factory	Call Factory
-	HGTG0525SK	4,296	2	Call Factory	Call Factory
-	HGTG0725SK	5,850	3	Call Factory	Call Factory
-	HGTG0900SK	6,499	4	Call Factory	Call Factory
-	HGTG1300SK	7,826	5	Call Factory	Call Factory
-	HGTG1475SK	9,275	6	Call Factory	Call Factory
Warm Fluid Defrost Models with EC Motors - 208-230/1/60					
-	HGTG0475SK	4,225	2	Call Factory	Call Factory
-	HGTG0525SK	4,696	2	Call Factory	Call Factory
-	HGTG0725SK	6,250	3	Call Factory	Call Factory
-	HGTG0900SK	7,288	4	Call Factory	Call Factory
-	HGTG1300SK	8,767	5	Call Factory	Call Factory
-	HGTG1475SK	10,595	6	Call Factory	Call Factory
Warm Fluid Defrost Models with PSC Motors - 460/1/60					
-	HGTG0475SK	4,111	2	Call Factory	Call Factory
-	HGTG0525SK	4,582	2	Call Factory	Call Factory
-	HGTG0725SK	5,971	3	Call Factory	Call Factory
-	HGTG0900SK	6,842	4	Call Factory	Call Factory
-	HGTG1300SK	8,156	5	Call Factory	Call Factory
-	HGTG1475SK	9,817	6	Call Factory	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

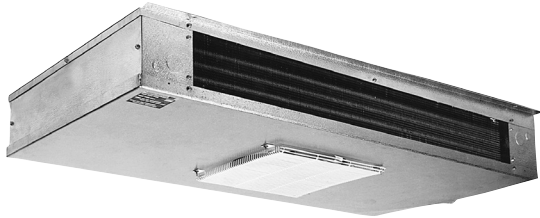
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- All Warm Fluid Defrost Models have Fan Defrost Control included
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Low Velocity Center Mount

Overview



Product Description

Low velocity glycol center mount units, are available in air, electric, or warm fluid defrost. These units are designed to offer an environmentally friendly product that is ideal for floral storage, fresh fruit and vegetables, dough retarding, fresh meat storage and preparations, and many other applications. The low air flow and quiet fans are classically suited for work room applications. The generous coil surface combined with close T.D. system balance provides high humidity characteristics to minimize product shrinkage and drying. The use of alternative refrigerants makes this product qualified to be included in the **E Solutions™** product portfolio. Additional savings can be seen by opting for EC motors or the Beacon II™ Refrigeration System.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Cabinet design features access panels on each end for easy access to electrical and refrigeration components
- Fan panel is lightweight and can easily be lowered for easy servicing and installation

Reliable & Durable

- Heavy gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Sweat connections to reduce potential for leaks
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating
- Motor rail is design for maximum strength and durability

Performance

- Internally enhanced tubing and fin design for higher efficiency
- All warm-fluid defrost models have heater/fan control factory set and wired
- All electric defrost models include defrost termination thermostats
- Motors are life lubricated and thermal overload protected

Versatile

- Low height makes it ideal for low ceiling coolers - larger models are only 15 inches tall, allowing for maximum headroom and more product storage
- Unit designed to be mounted flush against the ceiling or suspended on rods

Nomenclature

WKA	G	0400	A	C
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
WKA = Bohn Low Velocity Center Mount, Air defrost WKG = Bohn Low Velocity Center Mount, Warm Fluid defrost WKE = Bohn Low Velocity Center Mount, Electric Defrost	G = Glycol	BTUH/ITD	A = 115/1/60 (EC) B = 208-230/1/60 (EC) M = 460/1/60 S = Configurable	

Low Velocity Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)		
				Coil Options		
				ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60						
-	WKAG0330SC	3,559	1	Call Factory	1,000	Call Factory
-	WKAG0425SC	4,257	1	Call Factory	1,000	Call Factory
-	WKAG0700SC	5,205	2	Call Factory	1,474	Call Factory
-	WKAG0875SC	6,528	2	Call Factory	1,474	Call Factory
-	WKAG0975SC	6,818	2	Call Factory	1,474	Call Factory
-	WKAG1025SC	8,536	3	Call Factory	2,010	Call Factory
-	WKAG1225SC	8,909	3	Call Factory	2,010	Call Factory
-	WKAG1450SC	10,086	4	Call Factory	2,341	Call Factory
-	WKAG1650SC	13,219	5	Call Factory	3,177	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60						
-	WKAG0330SC	3,931	1	Call Factory	1,000	Call Factory
-	WKAG0425SC	4,699	1	Call Factory	1,000	Call Factory
-	WKAG0700SC	5,715	2	Call Factory	1,474	Call Factory
-	WKAG0875SC	7,147	2	Call Factory	1,474	Call Factory
-	WKAG0975SC	7,513	2	Call Factory	1,474	Call Factory
-	WKAG1025SC	9,362	3	Call Factory	2,010	Call Factory
-	WKAG1225SC	9,736	3	Call Factory	2,010	Call Factory
-	WKAG1450SC	11,099	4	Call Factory	2,341	Call Factory
-	WKAG1650SC	14,524	5	Call Factory	3,177	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Wire fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Low Velocity Center Mount

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory-Installed Options
				List Price Adders (\$US)
				Coil Options
				Bronz-Glow
Electric Defrost Models with EC Motors - 208-230/1/60				
-	WKEG0330SC	4,849	1	Call Factory
-	WKEG0425SC	5,580	1	Call Factory
-	WKEG0700SC	6,791	2	Call Factory
-	WKEG0875SC	8,167	2	Call Factory
-	WKEG0975SC	8,496	2	Call Factory
-	WKEG1025SC	10,508	3	Call Factory
-	WKEG1225SC	10,882	3	Call Factory
-	WKEG1450SC	12,380	4	Call Factory
-	WKEG1650SC	15,887	5	Call Factory

Federal Regulation Requires EC Motors

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent & drain valves, heater limit thermostats and adjustable defrost termination fan delay.
- Wire fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Low Velocity Center Mount

Warm Fluid Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)	
				Coil Options	
				ElectroFin Coil	Bronz-Glow
Warm Fluid Defrost Models with EC Motors - 115/1/60					
-	WKGG0700SC	5,494	2	Call Factory	Call Factory
-	WKGG0875SC	6,928	2	Call Factory	Call Factory
-	WKGG0975SC	7,239	2	Call Factory	Call Factory
-	WKGG1025SC	9,238	3	Call Factory	Call Factory
-	WKGG1225SC	9,646	3	Call Factory	Call Factory
-	WKGG1450SC	11,029	4	Call Factory	Call Factory
-	WKGG1650SC	14,599	5	Call Factory	Call Factory
Warm Fluid Defrost Models with EC Motors - 208-230/1/60					
-	WKGG0700SC	6,046	2	Call Factory	Call Factory
-	WKGG0875SC	7,546	2	Call Factory	Call Factory
-	WKGG0975SC	7,858	2	Call Factory	Call Factory
-	WKGG1025SC	10,200	3	Call Factory	Call Factory
-	WKGG1225SC	10,609	3	Call Factory	Call Factory
-	WKGG1450SC	12,082	4	Call Factory	Call Factory
-	WKGG1650SC	16,113	5	Call Factory	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- All Warm Fluid Defrost Models have Fan Defrost Control included.
- Wire fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Center Mount

Overview



Product Description

Center mount glycol unit coolers are available in air defrost. They are ideal for tight storage situations because they are ceiling mount and have a height of only 8 - 5/8" allowing for maximum headroom in a cooler or freezer. The center mount design allows for product to be stacked all around while air flow distributes evenly throughout the box. The use of alternative refrigerants and energy efficient EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

Ease of Installation & Service

- Panels on ends quickly remove for complete access to refrigerant components and electrical terminal block during installation and servicing
- Tapered mounting provides proper slope for condensate drainage to one end of the unit

Reliable & Durable

- Heavy-gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with PVC coating for durability
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating

Performance

- Quick disconnect, waterproof plug and receptacle for each motor in all models
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes
- Highest quality tubular heaters provide fast and economical defrost
- Motors are life lubricated and thermal overload protected
- Air moves across the ceiling in both directions providing even air distribution throughout the cooler

Versatile

- Compact, ceiling mount and center mount design allows for shelving and storage of product around all walls

Nomenclature

SMA	G	0475	A	E
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
SMA = Bohn Center Mount, Air Defrost	G = Glycol	BTUH/ITD	A = 115/1/60 (EC) B = 208-230/1/60 (EC) S = Configurable	

Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory - Installed Options List Price Adders (\$US)			
				Coil Options			
				BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60							
-	SMAG0475SE	3,216	2	861	Call Factory	802	Call Factory
-	SMAG0525SE	3,531	2	861	Call Factory	802	Call Factory
-	SMAG0550SE	3,966	2	861	Call Factory	802	Call Factory
-	SMAG0575SE	4,103	2	861	Call Factory	802	Call Factory
-	SMAG0600SE	4,526	3	Call Factory	Call Factory	1,138	Call Factory
-	SMAG0625SE	5,023	3	Call Factory	Call Factory	1,138	Call Factory
-	SMAG0775SE	5,487	3	Call Factory	Call Factory	1,138	Call Factory
-	SMAG0800SE	6,189	4	Call Factory	Call Factory	1,416	Call Factory
-	SMAG0925SE	6,408	4	Call Factory	Call Factory	1,416	Call Factory
-	SMAG0975SE	6,752	4	Call Factory	Call Factory	1,416	Call Factory
-	SMAG1050SE	8,358	5	Call Factory	Call Factory	1,824	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60							
-	SMAG0475SE	3,409	2	861	Call Factory	802	Call Factory
-	SMAG0525SE	3,723	2	861	Call Factory	802	Call Factory
-	SMAG0550SE	4,161	2	861	Call Factory	802	Call Factory
-	SMAG0575SE	4,297	2	861	Call Factory	802	Call Factory
-	SMAG0600SE	4,763	3	Call Factory	Call Factory	1,138	Call Factory
-	SMAG0625SE	5,250	3	Call Factory	Call Factory	1,138	Call Factory
-	SMAG0775SE	5,715	3	Call Factory	Call Factory	1,138	Call Factory
-	SMAG0800SE	6,453	4	Call Factory	Call Factory	1,416	Call Factory
-	SMAG0925SE	6,671	4	Call Factory	Call Factory	1,416	Call Factory
-	SMAG0975SE	7,015	4	Call Factory	Call Factory	1,416	Call Factory
-	SMAG1050SE	8,655	5	Call Factory	Call Factory	1,824	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

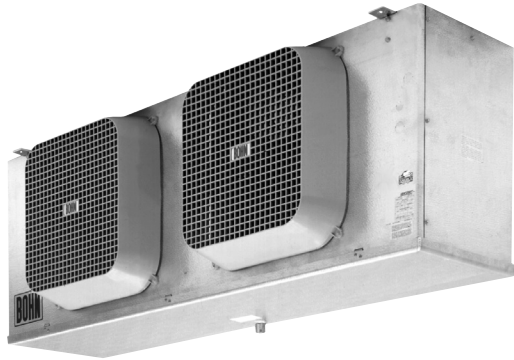
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Medium Profile

Overview



Product Description

Medium profile glycol unit coolers are available in air defrost models. These units are designed to offer an environmentally-friendly product and are ideal for numerous commercial and industrial applications. With a modular design that is only 25 inches high, these units provide superior quality and a long, dependable life to many different applications. The use of alternative refrigerants makes this product qualified to be included in the **E Solutions™** product portfolio. Additional savings can be seen by opting for EC motors or the Beacon II™ Refrigeration System.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Front hinged drain pan for easy access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- Heavy gauge textured aluminum cabinet
- Sweat connections to reduce potential for leaks
- Patented Thermo-Flex™ coil design allows the coil to “flex” during periods of defrost resulting in expansion of the coil surface comes with a 5-year warranty
- Heavy plastic molded fan guards for extended air flow
- Thermally protected, lifetime-lubricated single phase PSC motors

Performance

- Internal panels are isolated for quiet operation
- PSC motors

Versatile

- Large diameter drain fitting (3/4" ID)
- Different motor and voltage options available

Nomenclature

BMA	G	0400	A	A
Model Series	Refrigerant	Capacity	Electrical Code	Vintage
BMA = Bohn Medium Profile, Air Defrost	G = Glycol	BTUH/ITD	A = 115/1/60 B = 208-230/1/60 M = 460/1/60 L = 575/1/60 S = Configurable	

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Section 1

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)			
				Coil Options			
				BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with EC Motors - 115/1/60							
-	BMAG0900SA	5,166	1	1,221	Call Factory	1,104	Call Factory
-	BMAG1100SA	7,259	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1275SA	8,968	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1600SA	9,357	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1700SA	11,438	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG1900SA	11,919	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2175SA	13,741	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2400SA	16,209	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2425SA	16,617	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2850SA	17,326	4	Call Factory	Call Factory	1,282	Call Factory
Air Defrost Models with EC Motors - 208-230/1/60							
-	BMAG0900SA	5,298	1	1,221	Call Factory	1,104	Call Factory
-	BMAG1100SA	7,506	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1275SA	9,215	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1600SA	9,605	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1700SA	11,817	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG1900SA	12,307	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2175SA	14,128	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2400SA	16,710	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2425SA	17,122	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2850SA	17,833	4	Call Factory	Call Factory	1,282	Call Factory
Air Defrost Models with PSC Motors - 208-230/1/60							
-	BMAG0900SA	4,659	1	1,221	Call Factory	1,104	Call Factory
-	BMAG1100SA	6,228	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1275SA	7,937	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1600SA	8,327	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1700SA	9,900	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG1900SA	10,390	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2175SA	12,211	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2400SA	14,154	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2425SA	14,566	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2850SA	15,277	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG3100SA	16,663	5	Call Factory	Call Factory	1,315	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Factory-Installed Options List Price Adders (\$US)			
				Coil Options			
				BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Air Defrost Models with PSC Motors - 460/1/60							
-	BMAG0900SA	4,815	1	1,221	Call Factory	1,104	Call Factory
-	BMAG1100SA	6,554	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1275SA	8,261	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1600SA	8,651	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1700SA	10,378	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG1900SA	10,864	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2175SA	12,684	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2400SA	14,796	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2425SA	15,205	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2850SA	15,916	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG3100SA	17,588	5	Call Factory	Call Factory	1,315	Call Factory
Air Defrost Models with PSC Motors - 575/1/60							
-	BMAG0900SA	4,889	1	1,221	Call Factory	1,104	Call Factory
-	BMAG1100SA	6,684	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1275SA	8,336	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1600SA	8,724	2	Call Factory	Call Factory	1,164	Call Factory
-	BMAG1700SA	10,589	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG1900SA	11,105	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2175SA	12,927	3	Call Factory	Call Factory	1,227	Call Factory
-	BMAG2400SA	15,079	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2425SA	15,503	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG2850SA	16,213	4	Call Factory	Call Factory	1,282	Call Factory
-	BMAG3100SA	17,926	5	Call Factory	Call Factory	1,315	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Base price includes vent and drain valves.
- Plastic fan guards are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.
- See page 102 for available shipped-loose Balance Valve and Shut-off Valve options.

Shipped-Loose Accessories

Balance & Shut-Off Valves

Balance and shut-off valves must be selected by GPM rating and not valve size. In order to calculate the proper GPM rating for your glycol unit cooler, please contact your local Sales Representative or Account Engineer for assistance.

GPM	Balance Valve Size	Part Number		List Price (\$US)
		Balance Valve	Shut-off Valve	
0 - 3.0	1/2 (5/8" OD)	29320305	29320405	415
3.1 - 8.7	3/4 (7/8" OD)	29320304	29320404	478
8.8 - 14.0	1 (1-1/8" OD)	29320301	29320401	592
14.1 - 20.0	1-1/4 (1-3/8" OD)	29320302	29320402	816
20.1 - 25	1-1/2 (1-5/8" OD)	29320303	29320403	844

Notes:

- Balance Valve and Shut-off Valve are sold together.
- Secondary loop selection program must be used to calculate the required GPM rating for the glycol unit cooler before selecting the appropriate balance and shut-off valves

Low Profile

Overview



Product Description

Low profile CO₂ unit coolers designed for use with carbon dioxide systems are available in air or electric defrost for medium and low temperature overfeed/recirculation or low temperature DX applications. These units are designed to offer an environmentally-friendly product that provides maximum capacity while occupying a minimum amount of space inside a walk-in cooler or freezer. The use of alternative refrigerants and energy efficient EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

Ease of Installation & Service

- Cabinet design features front access panels on each side for easy access to electrical and refrigeration components
- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Coil heater slots have been enlarged for easier installation and replacement
- On 4-6 fan models, drain pan has a lanyard for easy and safe access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- Sweat connections to reduce potential for leaks
- Molded fan guard design made of strong plastic material
- Heavy gauge grained aluminum cabinet cleans easily and looks attractive

Performance

- Internal panels are isolated for quiet operation
- Internally enhanced tubing and fin design for higher efficiency
- Defrost termination control supplied for electric defrost
- Extended drain pan heaters for more uniform defrost throughout the drain pan and additional heat in end compartments
- EC motors

Versatile

- Large diameter drain hole (3/4" ID) is located on the back of the unit
- Minimal height of the low profile series makes it ideal for low ceiling coolers

Nomenclature

ADTR	065	BE	K
Model Series & Type	Capacity	Electrical Code	Vintage
CO₂ Medium Temp. Overfeed/Recirculation ADTR = Low Profile Air Defrost, 6 FPI LETR = Low Profile Electric Defrost, 6 FPI	# x 100 = BTUH	AE = 115/1/60 BE = 208-230/1/60	(Varies depending on model series)
CO₂ Low Temp. DX LETC = Low Profile Electric Defrost, 6 FPI LLEC = Low Profile Electric Defrost, 4.5 FPI			

Low Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Defrost Type	Factory-Installed Options List Price Adders (\$US)			
					Coil Options			
					BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Medium Temperature Overfeed / Recirculation Models with EC Motors-115/1/60								
-	ADTR065SK	1,989	1	Air Defrost	438	Call Factory	1,000	Call Factory
-	ADTR070SK	2,518	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR090SK	2,857	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR104SK	3,026	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR130SK	3,420	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR156SK	4,353	3	Air Defrost	950	Call Factory	1,041	Call Factory
-	ADTR180SK	4,877	3	Air Defrost	950	Call Factory	1,041	Call Factory
-	ADTR208SK	4,779	4	Air Defrost	Call Factory	Call Factory	1,063	Call Factory
-	ADTR260SK	7,051	5	Air Defrost	Call Factory	Call Factory	1,088	Call Factory
Medium Temperature Overfeed / Recirculation Models with EC Motors-208-230/1/60								
-	ADTR065SK	2,119	1	Air Defrost	438	Call Factory	1,000	Call Factory
-	ADTR070SK	2,665	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR090SK	2,890	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR104SK	3,065	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR130SK	3,457	2	Air Defrost	650	Call Factory	1,021	Call Factory
-	ADTR156SK	4,408	3	Air Defrost	950	Call Factory	1,041	Call Factory
-	ADTR180SK	4,932	3	Air Defrost	950	Call Factory	1,041	Call Factory
-	ADTR208SK	6,008	4	Air Defrost	Call Factory	Call Factory	1,063	Call Factory
-	ADTR260SK	7,477	5	Air Defrost	Call Factory	Call Factory	1,088	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Defrost Type	Factory-Installed Options List Price Adders (\$US)
					Coil Options
					Bronz-Glow
Medium Temperature Overfeed / Recirculation Models with EC Motors-208-230/1/60					
-	LETR065SK	3,578	2	Electric Defrost	Call Factory
-	LETR090SK	3,955	2	Electric Defrost	Call Factory
-	LETR120SK	5,113	3	Electric Defrost	Call Factory
-	LETR140SK	5,806	3	Electric Defrost	Call Factory
-	LETR160SK	6,811	4	Electric Defrost	Call Factory
-	LETR200SK	8,647	5	Electric Defrost	Call Factory
-	LETR240SK	9,876	6	Electric Defrost	Call Factory
-	LETR280SK	11,082	6	Electric Defrost	Call Factory
Low Temperature DX Models with EC Motors-208-230/1/60					
-	LETC065SK	3,578	2	Electric Defrost	Call Factory
-	LETC090SK	3,955	2	Electric Defrost	Call Factory
-	LETC120SK	5,113	3	Electric Defrost	Call Factory
-	LETC140SK	5,806	3	Electric Defrost	Call Factory
-	LETC160SK	6,811	4	Electric Defrost	Call Factory
-	LETC200SK	8,647	5	Electric Defrost	Call Factory
-	LETC240SK	9,876	6	Electric Defrost	Call Factory
-	LETC280SK	11,082	6	Electric Defrost	Call Factory
-	LLEC080SK	4,163	2	Electric Defrost	Call Factory
-	LLEC102SK	5,069	3	Electric Defrost	Call Factory
-	LLEC136SK	6,702	4	Electric Defrost	Call Factory
-	LLEC170SK	8,471	5	Electric Defrost	Call Factory
-	LLEC235SK	10,897	6	Electric Defrost	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

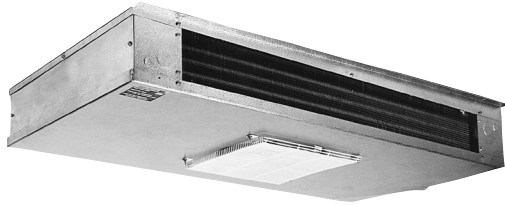
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Low Velocity Center Mount

Overview



Product Description

Low velocity CO₂ center mount units designed for use with carbon dioxide systems are available in air or electric defrost. These units are designed to offer an environmentally friendly product that is ideal for floral storage, fresh fruit and vegetables, dough retarding, fresh meat storage and preparations, and many other applications. The low air flow and quiet fans are classically suited for work room applications. The use of alternative refrigerants and energy efficient EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Cabinet design features access panels on each end for easy access to electrical and refrigeration components
- Fan panel is lightweight and can easily be lowered for easy servicing and installation

Reliable & Durable

- Textured aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with coating for durability
- Sweat connections to reduce potential for leaks
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating
- Motor rail is design for maximum strength and durability

Performance

- Internally enhanced tubing and fin design for higher efficiency
- Electric defrost models incorporate high quality tubular heaters and a standard fixed defrost termination thermostat
- Motors are life lubricated and thermal overload protected
- EC motors

Versatile

- Low height makes it ideal for low ceiling coolers - larger models are only 15 inches tall, allowing for maximum headroom and more product storage
- Unit designed to be mounted flush against the ceiling or suspended on rods

Nomenclature

SME	C	130	BE	K
Model Series	Type	Capacity	Electrical Code	Vintage
SME = Center Mount Electric Defrost, 6 FPI	C= CO ₂ Low Temperature DX	# x 100 = BTUH	AE = 115/1/60 BE = 208-230/1/60	(Varies depending on model series)

Low Velocity Center Mount

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Defrost Type	Factory-Installed Options List Price Adders (\$US)		
					Coil Options		
					ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Medium Temperature Overfeed / Recirculation Models with EC Motors - 115/1/60							
-	WKAR050SC	3,674	1	Air Defrost	Call Factory	1,000	Call Factory
-	WKAR075SC	4,259	1	Air Defrost	Call Factory	1,000	Call Factory
-	WKAR100SC	5,202	2	Air Defrost	Call Factory	1,474	Call Factory
-	WKAR130SC	6,071	2	Air Defrost	Call Factory	1,474	Call Factory
-	WKAR155SC	6,786	2	Air Defrost	Call Factory	1,474	Call Factory
-	WKAR180SC	8,307	3	Air Defrost	Call Factory	2,010	Call Factory
-	WKAR210SC	9,403	4	Air Defrost	Call Factory	2,341	Call Factory
-	WKAR270SC	10,305	4	Air Defrost	Call Factory	2,341	Call Factory
-	WKAR340SC	13,220	5	Air Defrost	Call Factory	3,177	Call Factory
Medium Temperature Overfeed / Recirculation Models with EC Motors - 208-230/1/60							
-	WKAR050SC	3,866	1	Air Defrost	Call Factory	1,000	Call Factory
-	WKAR075SC	4,488	1	Air Defrost	Call Factory	1,000	Call Factory
-	WKAR100SC	5,475	2	Air Defrost	Call Factory	1,474	Call Factory
-	WKAR130SC	6,399	2	Air Defrost	Call Factory	1,474	Call Factory
-	WKAR155SC	7,152	2	Air Defrost	Call Factory	1,474	Call Factory
-	WKAR180SC	8,739	3	Air Defrost	Call Factory	2,010	Call Factory
-	WKAR210SC	9,884	4	Air Defrost	Call Factory	2,341	Call Factory
-	WKAR270SC	10,834	4	Air Defrost	Call Factory	2,341	Call Factory
-	WKAR340SC	13,903	5	Air Defrost	Call Factory	3,177	Call Factory

Low Velocity Center Mount

Electric Defrost Models & Options

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Defrost Type	Factory-Installed Options List Price Adders (\$US)
					Coil Options
					Bronz-Glow
Medium Temperature Overfeed / Recirculation Models with EC Motors - 208-230/1/60					
-	WKER050SC	4,297	1	Electric Defrost	Call Factory
-	WKER075SC	4,990	1	Electric Defrost	Call Factory
-	WKER100SC	6,059	2	Electric Defrost	Call Factory
-	WKER130SC	7,092	2	Electric Defrost	Call Factory
-	WKER155SC	7,944	2	Electric Defrost	Call Factory
-	WKER180SC	9,678	3	Electric Defrost	Call Factory
-	WKER210SC	10,923	4	Electric Defrost	Call Factory
-	WKER270SC	11,993	4	Electric Defrost	Call Factory
-	WKER340SC	15,394	5	Electric Defrost	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

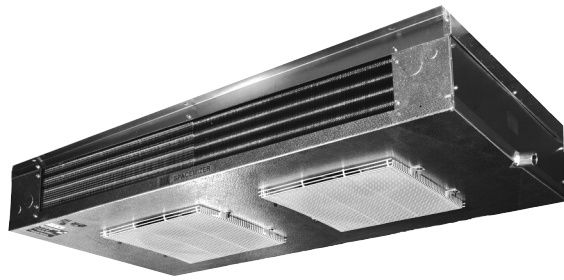
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan is standard on electric defrost models.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Center Mount

Overview



Product Description

Center Mount CO₂ unit coolers designed for use with carbon dioxide systems are available in electric defrost. They are ideal for tight storage situations because they are ceiling mount and have a height of only 8 - 5/8" allowing for maximum headroom in a cooler or freezer. The center mount design allows for product to be stacked all around while air flow distributes evenly throughout the box. The use of alternative refrigerants and energy efficient EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

Ease of Installation & Service

- Panels on ends quickly remove for complete access to refrigerant components and electrical terminal block during installation and servicing
- Tapered mounting provides proper slope for condensate drainage to one end of the unit

Reliable & Durable

- Heavy-gauge grained aluminum cabinet cleans easily and looks attractive
- Stainless steel screws prevent rust streaks
- Wire fan guards with coating for durability
- Coils are dehydrated and sealed at the factory
- Double drain pan eliminates drain pan sweating

Performance

- Quick disconnect, waterproof plug and receptacle for each motor in all models
- High-efficiency aluminum fins with full collars cover mechanically expanded copper tubes
- Highest quality tubular heaters provide fast and economical defrost
- Standard adjustable defrost termination fan delay thermostat
- Motors are life lubricated and thermal overload protected
- Air moves across the ceiling in both directions providing even air distribution throughout the cooler
- EC motors

Versatile

- Compact, ceiling mount and center mount design allows for shelving and storage of product around all walls

Nomenclature

SME	C	130	BE	K
Model Series	Type	Capacity	Electrical Code	Vintage
SME = Center Mount Electric Defrost, 6 FPI	C = CO ₂ Low Temperature DX	# x 100 = BTUH	AE = 115/1/60 BE = 208-230/1/60	(Varies depending on model series)

Center Mount

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Defrost Type	Factory-Installed Options List Price Adders (\$US)
					Coil Options
					Bronz-Glow
Low Temperature DX Models with EC Motors-208-230/1/60					
-	SMEC090SE	5,675	3	Electric Defrost	Call Factory
-	SMEC130SE	6,215	3	Electric Defrost	Call Factory
-	SMEC174SE	8,054	4	Electric Defrost	Call Factory

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan and Adjustable Defrost Term. / Fan Delay are standard.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Medium Profile

Overview



Product Description

Medium profile CO₂ unit coolers for use with carbon dioxide systems are available in air or electric defrost models. These units are designed to offer an environmentally friendly product and are ideal for numerous commercial and industrial applications. With a modular design that is only 25 inches high, these units provide superior quality and a long, dependable life to many different applications. The use of alternative refrigerants and energy efficient EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

Ease of Installation & Service

- All electrical components factory wired to terminal board and identified, making it easy to field wire the unit
- Schrader valve provided for suction pressure measurement
- Coil heater slots have been enlarged for easier installation and replacement
- Heaters are coil face mounted for easy access
- Front hinged drain pan for easy access
- Motors plug into wiring harness for easier servicing

Reliable & Durable

- Heavy gauge textured aluminum cabinet
- Sweat connections to reduce potential for leaks
- Patented Thermo-Flex™ coil design allows the coil to “flex” during periods of defrost resulting in expansion of the coil surface comes with a 5-year warranty
- Plastic molded fan guards for extended air flow
- Reliable nickel steel alloy defrost heater elements

Performance

- Internal panels are isolated for quiet operation
- Electric defrost models have fixed defrost termination / fan delay and heater limit thermostats
- EC motors

Versatile

- Large diameter drain fitting (3/4" ID)
- Different motor and voltage options available

Nomenclature

BMAR	130	BE	K
Model Series & Type	Capacity	Electrical Code	Vintage
CO₂ Medium Temp. Overfeed/Recirculation BMAR = Medium Profile Air Defrost, 6 FPI CO₂ Low Temp. DX BMLC = Medium Profile Electric Defrost, 4.5 FPI	# x 100 = BTUH	AE = 115/1/60 BE = 208-230/1/60	(Varies depending on model series)

Medium Profile

Air Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Defrost Type	Factory-Installed Options List Price Adders (\$US)			
					Coil Options			
					BohnKote™	ElectroFin Coil	BohnGuard™ Fin Protection	Bronz-Glow
Medium Temperature Overfeed / Recirculation Models with EC Motors - 115/1/60								
-	BMAR130SA	4,360	1	Air Defrost	1,221	Call Factory	1,104	Call Factory
-	BMAR155SA	5,053	1	Air Defrost	1,221	Call Factory	1,104	Call Factory
-	BMAR245SA	7,490	2	Air Defrost	Call Factory	Call Factory	1,164	Call Factory
-	BMAR300SA	9,238	2	Air Defrost	Call Factory	Call Factory	1,164	Call Factory
-	BMAR365SA	11,680	3	Air Defrost	Call Factory	Call Factory	1,227	Call Factory
-	BMAR450SA	13,653	3	Air Defrost	Call Factory	Call Factory	1,227	Call Factory
Medium Temperature Overfeed / Recirculation Models with EC Motors - 208-230/1/60								
-	BMAR130SA	4,430	1	Air Defrost	1,221	Call Factory	1,104	Call Factory
-	BMAR155SA	5,113	1	Air Defrost	1,221	Call Factory	1,104	Call Factory
-	BMAR245SA	7,616	2	Air Defrost	Call Factory	Call Factory	1,164	Call Factory
-	BMAR300SA	9,369	2	Air Defrost	Call Factory	Call Factory	1,164	Call Factory
-	BMAR365SA	11,882	3	Air Defrost	Call Factory	Call Factory	1,227	Call Factory
-	BMAR450SA	13,855	3	Air Defrost	Call Factory	Call Factory	1,227	Call Factory

Medium Profile

Electric Defrost Models & Options

When Do You Choose a Configurable Model?

- Choose when there is not a standard model listed or you want to add factory-installed options.
- When ordering a configurable model, remember to specify the voltage and fan motor type.

Bohn Standard Model	Bohn Configurable Model	List Price (\$US)	No. of Fans	Defrost Type	Factory-Installed Options List Price Adders (\$US)
					Coil Options
					Bronz-Glow
Low Temperature DX Models with EC Motors - 208-230/1/60					
-	BMLC100SA	5,349	1	Electric Defrost	Call Factory
-	BMLC165SA	7,758	2	Electric Defrost	Call Factory
-	BMLC220SA	10,194	2	Electric Defrost	Call Factory
-	BMLC250SA	11,396	3	Electric Defrost	Call Factory
-	BMLC330SA	14,515	3	Electric Defrost	Call Factory

Federal Regulation Requires EC Motors! Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Notes:

- Electric Drain Pan and Adjustable Defrost Term. / Fan Delay are standard on electric defrost models.
- Stainless Steel Cabinet & Pan and Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

1/2 - 6 HP G-Series

Overview



Product Description

Heatcraft Worldwide Refrigeration is proud to introduce the new G-Series 1/2-6 HP Outdoor Condensing Unit. Building upon the Heatcraft legacy of quality, the G-Series is centered around the industry leading microchannel coil, along with scroll compressor technology, which are designed to optimize operational efficiency. In addition, Heatcraft has updated its pricing strategy on scroll compressors to deliver a quicker return on your investment in a quality refrigeration condensing unit.

The G-Series contains multiple enhancements, targeted around improving the way service providers interact with the unit in the field and operational efficiency gains, while maintaining the performance characteristics of other outdoor condensing units.

Certifications



Cabinet & Construction

- Microchannel coil technology standard
- Painted (or unpainted) galvanized steel cabinets for superior strength and corrosion protection
- Heavy duty base with rigging holes
- Crankcase heaters standard on all units

Serviceability

- Receiver with fusible plug, liquid shutoff valve and charging port is standard
- Large electrical panel for ease of access
- Prefabricated wiring harnesses for tight crimp connections and consistent labeling
- Unit stays on if the hood is removed for servicing
- Sight glass is easily viewable
- Discharge service valves
- Customer connection raised above base for ease of installation

Quality

- All units are completely leak tested, using helium, bump tested and allowed to cycle off on the high and low pressure control. Each unit ships with a copy of the run test data inside the electrical panel
- Electrical circuits are completely checked for continuity
- Piping is laid out to minimize stress and vibration, and is pre-bent to eliminate leaks
- Robust shipping pallet to reduce stacking/freight damage
- Recessed coil to prevent incidental contact damage

Components

Fan

- Specifically matched with motor and coil to attain maximum air movement and cooling

Motor

- Rated for 50 and 60 cycle application
- Standard PSC or optional Variable Speed EC (VSEC) with Orbus™ Controller

Compressor

- Wide variety of compressors including:
- Multi-temperature and low temperature scroll suited for multi-refrigerant types (R-404A/507, R-407A, R-407C)
- Medium and low temperature InterLink™ hermetic compressors suited for R-404A/507

Nomenclature

G	Z	T	020	L	6	C	F
Model	Compressor	Application	Equiv. HP	Operating Range	Refrigerant	Voltage	Identifier
G = G-Series	Z = Scroll I = InterLink™ Hermetic	T = Outdoor S = Beacon II™	004 = 1/2 HP 008 = 3/4HP 010 = 1 HP 01* = 1-1/2HP 02* = 2HP 03* = 3HP 04* = 4HP 05* = 5HP 060 = 6HP	L = Low M = Medium	6 = R-404A/507 (Scrolls also rated for R-407A and R-407C)	B = 208-230/1/60 C = 208-230/3/60 D = 460/3/60	F = Stockable Model

Section 2

Air-Cooled Condensing Units

1/2 - 6 HP G-Series

Standard & Configurable Models Pricing

Stock Outdoor

- Prepainted galvanized cabinet
- Head pressure control valve
- Crankcase heater
- Fixed low pressure control for M6 models.
- Adjustable low pressure control for L6 models
- Liquid-line drier assembly
- Electric defrost timer on 010-035L6 (C Cabinet) and electric defrost kit on 040-060L6 (D Cabinet)

Configurable Models

Outdoor (T)

- Prepainted galvanized cabinet (galvanized cabinet available)
- Head pressure control valve
- Crankcase heater
- Fixed low pressure control for M6 models.
- Adjustable low pressure control for L6 models

Beacon II™ Outdoor (S)

- Wired for Beacon II™ control
- Beacon II™ fan cycling for two fan units only

Need to customize? Look at the factory-installed options starting on page 115.

Standard Outdoor		Outdoor (T)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Scroll Medium Temperature (R-404A/507/ R-407A/R-407C)								
GZT010M6BF	7,205	GZT010M6B	6,835	GZS010M6B	7,450	208-230/1/60	C	-
GZT010M6CF	7,180	GZT010M6C	6,810	GZS010M6C	7,426	208-230/3/60	C	-
-	-	GZT010M6D	6,860	GZS010M6D	7,477	460/3/60	C	-
GZT015M6BF	7,670	GZT015M6B	7,300	GZS015M6B	7,957	208-230/1/60	C	-
GZT015M6CF	7,968	GZT015M6C	7,598	GZS015M6C	8,282	208-230/3/60	C	-
-	-	GZT015M6D	7,896	GZS015M6D	8,607	460/3/60	C	-
GZT020M6BF	7,629	GZT020M6B	7,259	GZS020M6B	7,990	208-230/1/60	C	-
GZT020M6CF	7,686	GZT020M6C	7,316	GZS020M6C	8,048	208-230/3/60	C	-
-	-	GZT020M6D	7,738	GZS020M6D	8,468	460/3/60	C	-
GZT025M6BF	7,784	GZT025M6B	7,414	GZS025M6B	8,145	208-230/1/60	C	-
GZT025M6CF	7,895	GZT025M6C	7,525	GZS025M6C	8,257	208-230/3/60	C	-
-	-	GZT025M6D	7,951	GZS025M6D	8,682	460/3/60	C	-
GZT030M6BF	8,376	GZT030M6B	8,006	GZS030M6B	8,395	208-230/1/60	D	-
GZT030M6CF	8,531	GZT030M6C	8,161	GZS030M6C	8,552	208-230/3/60	D	-
-	-	GZT030M6D	8,518	GZS030M6D	8,907	460/3/60	D	-
GZT035M6BF	9,260	GZT035M6B	8,890	GZS035M6B	9,280	208-230/1/60	D	-
GZT035M6CF	9,415	GZT035M6C	9,045	GZS035M6C	9,437	208-230/3/60	D	-
-	-	GZT035M6D	9,401	GZS035M6D	9,793	460/3/60	D	-
GZT045M6BF	10,024	GZT045M6B	9,654	GZS045M6B	10,044	208-230/1/60	D	-
GZT045M6CF	10,183	GZT045M6C	9,813	GZS045M6C	10,205	208-230/3/60	D	-
-	-	GZT045M6D	10,167	GZS045M6D	10,558	460/3/60	D	-
GZT055M6BF	10,653	GZT055M6B	10,283	GZS055M6B	10,674	208-230/1/60	D	-
GZT055M6CF	10,813	GZT055M6C	10,443	GZS055M6C	10,832	208-230/3/60	D	-
-	-	GZT055M6D	10,797	GZS055M6D	11,188	460/3/60	D	-
GZT060M6CF	12,066	GZT060M6C	11,696	GZS060M6C	12,087	208-230/3/60	D	-
-	-	GZT060M6D	12,052	GZS060M6D	12,441	460/3/60	D	-

Notes:

1. Includes electric defrost timer. (Applies to Standard Outdoor Models)
2. Includes a liquid line required for liquid injection. (Applies to Standard Outdoor Models)

1/2 - 6 HP G-Series

Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Scroll Low Temperature (R-404A/507/R-407A/R-407C)								
GZT020L6BF	9,506	GZT020L6B	8,447	GZS020L6B	9,180	208-230/1/60	C	See footnote 1, 2
GZT020L6CF	9,675	GZT020L6C	8,616	GZS020L6C	9,349	208-230/3/60	C	See footnote 1, 2
-	-	GZT020L6D	9,060	GZS020L6D	9,791	460/3/60	C	See footnote 1, 2
GZT025L6BF	9,670	GZT025L6B	8,611	GZS025L6B	9,344	208-230/1/60	C	See footnote 1, 2
GZT025L6CF	9,830	GZT025L6C	8,771	GZS025L6C	9,503	208-230/3/60	C	See footnote 1, 2
-	-	GZT025L6D	9,218	GZS025L6D	9,949	460/3/60	C	See footnote 1, 2
GZT030L6BF	9,988	GZT030L6B	8,929	GZS030L6B	9,663	208-230/1/60	C	See footnote 1, 2
GZT030L6CF	10,161	GZT030L6C	9,102	GZS030L6C	9,834	208-230/3/60	C	See footnote 1, 2
-	-	GZT030L6D	9,551	GZS030L6D	10,283	460/3/60	C	See footnote 1, 2
GZT035L6BF	10,897	GZT035L6B	9,838	GZS035L6B	10,570	208-230/1/60	C	See footnote 1, 2
GZT035L6CF	11,057	GZT035L6C	9,998	GZS035L6C	10,729	208-230/3/60	C	See footnote 1, 2
-	-	GZT035L6D	10,451	GZS035L6D	11,180	460/3/60	C	See footnote 1, 2
GZT045L6BF	12,356	GZT045L6B	11,068	GZS045L6B	11,458	208-230/1/60	D	See footnote 1, 2
GZT045L6CF	12,514	GZT045L6C	11,226	GZS045L6C	11,616	208-230/3/60	D	See footnote 1, 2
-	-	GZT045L6D	11,580	GZS045L6D	11,968	460/3/60	D	See footnote 1, 2
GZT055L6BF	12,711	GZT055L6B	11,423	GZS055L6B	11,814	208-230/1/60	D	See footnote 1, 2
GZT055L6CF	12,868	GZT055L6C	11,580	GZS055L6C	11,968	208-230/3/60	D	See footnote 1, 2
-	-	GZT055L6D	11,935	GZS055L6D	12,324	460/3/60	D	See footnote 1, 2
GZT060L6CF	13,625	GZT060L6C	12,337	GZS060L6C	12,727	208-230/3/60	D	See footnote 1, 2
-	-	GZT060L6D	12,690	GZS060L6D	13,081	460/3/60	D	See footnote 1, 2
Interlink Hermetic Low Temperature (R-404A/507)								
GIT010L6BF	6,567	GIT010L6B	5,370	GIS010L6B	6,274	208-230/1/60	A	See footnote 1
GIT014L6BF	7,140	GIT014L6B	5,943	GIS014L6B	6,368	208-230/1/60	A	See footnote 1
GIT025L6BF	7,787	GIT025L6B	6,590	GIS025L6B	7,384	208-230/1/60	B	See footnote 1
GIT025L6CF	8,109	GIT025L6C	6,912	GIS025L6C	7,706	208-230/3/60	B	See footnote 1
Interlink Hermetic Medium Temperature (R-404A/507)								
GIT004M6BF	5,055	GIT004M6B	4,547	GIS004M6B	4,911	208-230/1/60	A	-
GIT008M6BF	5,873	GIT008M6B	5,365	GIS008M6B	5,790	208-230/1/60	A	-
GIT010M6BF	6,618	GIT010M6B	6,110	GIS010M6B	6,514	208-230/1/60	A	-
GIT010M6CF	6,538	GIT010M6C	6,030	GIS010M6C	6,435	208-230/3/60	A	-
GIT015M6BF	7,144	GIT015M6B	6,636	GIS015M6B	7,430	208-230/1/60	B	-
GIT015M6CF	7,120	GIT015M6C	6,612	GIS015M6C	7,406	208-230/3/60	B	-
GIT020M6BF	7,527	GIT020M6B	7,019	GIS020M6B	7,815	208-230/1/60	B	-
GIT020M6CF	7,676	GIT020M6C	7,168	GIS020M6C	7,962	208-230/3/60	B	-
GIT025M6BF	8,135	GIT025M6B	7,627	GIS025M6B	7,971	208-230/1/60	B	-
GIT025M6CF	7,992	GIT025M6C	7,484	GIS025M6C	7,790	208-230/3/60	B	-
GIT030M6BF	8,723	GIT030M6B	8,135	GIS030M6B	8,564	208-230/1/60	D	-
GIT030M6CF	8,543	GIT030M6C	7,955	GIS030M6C	8,384	208-230/3/60	D	-

Notes:

1. Includes electric defrost timer. (Applies to Standard Outdoor Models)
2. Includes a liquid line required for liquid injection. (Applies to Standard Outdoor Models)

Air-Cooled Condensing Units

1/2 - 6 HP G-Series

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor (T)	Beacon II™ Outdoor (S)
Electrical Option					
DFT.001	Defrost Timer - Air	All	Medium temperature applications only	540	-
DFT.002	Defrost Timer - Electric	Cabinet A, B & C	-	540	-
DFT.007	Electric Defrost Kit	Cabinet D	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, and (1) lockout relay.	769	-
DFT.043	Smart Defrost Kit	All	DFT.043 includes Electric Defrost Timer	1,376	-
DFT.044	Smart Defrost Kit	Cabinet D	DFT.044 includes Electric Defrost Kit	1,605	-
SW.001	Adjustable low pressure control	M6	Standard on L6	149	-
SW.002	Dual pressure control	All	Not available with heated/insulated receiver	336	-
PLM.004	Phase Loss Monitor	Cabinet C & D	3Ø units only, not available with Beacon II	1,061	-
FCY.002	Fan Cycling - Adjustable Pressure	Cabinet B, C & D	Not available with VSEC or HPV	385	-
MS.001-A	Variable Speed EC Motor with Orbus Controller	Cabinet A	VSEC with Orbus in place of head pressure control valve	792	792
MS.001-BC	Variable Speed EC Motor with Orbus Controller	Cabinet B & C	VSEC with Orbus in place of head pressure control valve	1,174	1,174
MS.001-D	Variable Speed EC Motor with Orbus Controller	Cabinet D	VSEC with Orbus in place of head pressure control valve	1,065	1,065
Mechanical Option					
LIQ.001-1	Liquid-line filter drier, sight glass and shut-off valve	Cabinet A & B	Use on Hermetic Compressor Models	508	508
LIQ.001-2	Liquid-line filter drier, sight glass and shut-off valve	Cabinet C & D	Use on Hermetic Compressor Models	588	588
LIQ.001-3	Liquid-line filter drier, sight glass and shut-off valve	Cabinet C&D	Use on Scroll Compressor Models	370	370
LIQ.005-1	Liquid-line tube (tube only)	Cabinet A & B	Standard on models with Scroll Compressor	190	190
LIQ.005-2	Liquid-line tube (tube only)	Cabinet C & D	Standard on models with Scroll Compressor	218	218
SUC.003-1	Suction-line filter	Cabinet A & B	-	323	323
SUC.003-2	Suction-line filter	Cabinet C & D	-	384	384
SUC.007-1	Suction accumulator	Cabinet A & B	-	406	406
SUC.007-2	Suction accumulator	Cabinet C & D	-	676	676
DIS.032	Check Valve - Relief	All	-	278	278
REC.008-BC	Large Receiver	Cabinet B & C	-	439	439
REC.008-D	Large Receiver	Cabinet D	-	543	543
REC.010-C	Oversized Receiver	Cabinet C	-	975	975
REC.010-D	Oversized Receiver	Cabinet D	-	1,206	1,206
PRE.002-A	Pre-Charged (R-404A)	Cabinet A	-	693	693
PRE.002-BC	Pre-Charged (R-404A)	Cabinet B & C	-	960	960
PRE.002-D	Pre-Charged (R-404A)	Cabinet D	-	1,333	1,333
LEG.001	12" Extended Leg	All	Ships inside unit, Field Installed	167	167
HG.001-A	Hail Guards	Cabinet A	Factory Installed	316	316
HG.001-BC	Hail Guards	Cabinet B & C	Factory Installed	330	330
HG.001-D	Hail Guards	Cabinet D	Factory Installed	349	349

1/2 - 6 HP Horizontal Air Discharge

Overview



Product Description

The 1/2 through 6 HP line of air-cooled condensing units with HyperCore™ microchannel coil technology is ideal for convenience store, restaurant and other commercial applications. Available with hermetic, Scroll®, or semi-hermetic compressors and indoor or outdoor models, this line is a good fit for many applications.

Opting for the Beacon II™ Refrigeration System with Smart Defrost, factory-installed Smart Defrost Kit™ (SDK), or Variable Speed EC (VSEC) motor with Orbus™ Controller increases energy efficiency and qualifies this product for the **E Solutions™** product portfolio.

Certifications



Cabinet & Construction

- HyperCore microchannel coil technology standard on most models.
- Painted steel cabinets for superior strength and corrosion protection
- Heavy duty steel raised base with 1-1/2" legs
- Fan guards and wiring conduit on indoor models

Serviceability

- Suction service valves for hermetic and scroll compressors located outside the cabinet for quick installations. Semi-hermetic compressor models have a suction valve on the compressor and an access fitting on the suction line entering the cabinet.
- Receiver with fusible plug, liquid shutoff valve and charging port is standard
- Large electrical panel for ease of access
- Prefabricated wiring harnesses for tight crimp connections and consistent labeling
- Unit stays on if the hood is removed for servicing
- Sight glass is easily viewable

Quality

- All units are completely leak tested in a helium environment, bump tested and allowed to cycle off on the high and low pressure control. Each unit has a copy of the run data shipped inside the electrical panel
- Electrical circuits are completely checked for continuity
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate leaks
- Encapsulated, auto-reset, high and low pressure controls to eliminate leaks (standard on all high and medium temperature models, adjustable low pressure control standard on low temperature models)

Components

Fan

- Specifically matched with motor and coil to attain maximum air movement and cooling

Motor

- Rated for 50 and 60 cycle application
- Standard PSC or optional Variable Speed EC (VSEC) with Orbus™ Controller

Compressor

- Wide variety of compressors including: hermetic, semi-hermetic and scroll. R-22 and R-404A/507 available for both medium and low temperature applications
- Spring-mounted compressors with vibration eliminators on all 1-1/2 to 6 HP semi-hermetic compressors; 1/2 to 1 HP compressors are rigid mounted and have a discharge loop
- Discharge service valves come standard on all units including hermetics

Nomenclature

B	H	T	030	L	6	C	F
Model	Compressor	Application	Equiv. HP	Operating Range	Refrigerant	Voltage	Identifier
B = Bohn	H = Hermetic S = Semi-herm. Z = Scroll	T = Outdoor N = Indoor S = Beacon II™	005 = 1/2 HP 008/009 = 3/4HP 010,011 = 1 HP 01* = 1-1/2HP 02* = 2HP 03* = 3HP 04* = 4HP 05* = 5HP 060 = 6HP	H = High L = Low M = Medium E = Extra Low X = Extended Medium	2 = R-22 6 = R-404A/507	B = 208-230/1/60 C = 208-230/3/60 D = 460/3/60 K = 230/3/60	F = Stockable Model

Air-Cooled Condensing Units

1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor

- Prepainted galvanized cabinet
- Head pressure control valve
- Crankcase heater
- Fixed low pressure control for H2, M6, & H6 models.
- Adjustable low pressure control for L6 & X6 models
- Liquid-line drier assembly
- Electric defrost timer on 011-035L6 and electric defrost kit on 040-060L6

Configurable Models

Outdoor (T)

- Prepainted galvanized cabinet
- Head pressure control valve
- Crankcase heater
- Fixed low pressure control for H2, M6, & H6 models.
- Adjustable low pressure control for L6 & X6 models

Indoor (N)

- No cabinet hood
- Fan guards
- Wiring conduit
- Fixed low pressure control for H2, M6, & H6 models.
- Adjustable low pressure control for L6 & X6 models

Beacon II™ Outdoor (S)

- Outdoor Unit with hood
- Head pressure control valve
- Wired for Beacon II™ control
- Beacon II™ fan cycling for two fan units only

Need to customize? Look at the factory-installed options starting on page 122.

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Hermetic High Temperature (R-404A/507)										
BHT005H6BF	5,671	BHT005H6B	5,163	BHN005H6B	4,098	BHS005H6B	5,590	208-230/1/60	A	-
BHT009H6BF	6,126	BHT009H6B	5,618	BHN009H6B	4,324	BHS009H6B	6,042	208-230/1/60	A	-
BHT010H6BF	6,447	BHT010H6B	5,939	BHN010H6B	4,642	BHS010H6B	6,364	208-230/1/60	A	See footnote 1
BHT010H6CF	6,369	BHT010H6C	5,861	BHN010H6C	4,711	BHS010H6C	6,285	208-230/3/60	A	See footnote 1
BHT015H6BF	6,994	BHT015H6B	6,486	BHN015H6B	5,182	BHS015H6B	7,282	208-230/1/60	B	-
BHT015H6CF	6,970	BHT015H6C	6,462	BHN015H6C	5,160	BHS015H6C	7,256	208-230/3/60	B	-
BHT025H6BF	7,683	BHT025H6B	7,175	BHN025H6B	6,134	BHS025H6B	7,821	208-230/1/60	B	-
BHT025H6CF	7,502	BHT025H6C	6,994	BHN025H6C	5,992	BHS025H6C	7,641	208-230/3/60	B	-
BHT032H6BF	8,476	BHT032H6B	7,888	BHN032H6B	6,947	BHS032H6B	8,312	208-230/1/60	D	-
BHT032H6CF	8,297	BHT032H6C	7,709	BHN032H6C	6,766	BHS032H6C	8,135	208-230/3/60	D	-
BHT040H6KF	10,035	BHT040H6K	9,447	BHN040H6K	8,539	BHS040H6K	9,869	230/3/60	D	-
BHT050H6KF	10,877	BHT050H6K	10,289	BHN050H6K	9,380	BHS050H6K	10,714	230/3/60	D	-
Hermetic Extended Temperature (R-404A/507)										
BHT005X6BFM	5,822	BHT005X6B	5,314	BHN005X6B	4,249	BHS005X6B	5,739	208-230/1/60	A	See footnote 2
BHT008X6BFM	5,873	BHT008X6B	5,365	BHN008X6B	4,285	BHS008X6B	5,790	208-230/1/60	A	See footnote 2
BHT009X6BFM	6,275	BHT009X6B	5,767	BHN009X6B	4,474	BHS009X6B	6,192	208-230/1/60	A	See footnote 2
BHT010X6BFM	6,597	BHT010X6B	6,089	BHN010X6B	4,792	BHS010X6B	6,514	208-230/1/60	A	See footnote 1, 2
BHT010X6CFM	6,517	BHT010X6C	6,009	BHN010X6C	4,711	BHS010X6C	6,435	208-230/3/60	A	See footnote 1, 2
BHT005X6BFMT	6,362	-	-	-	-	-	-	208-230/1/60	A	See footnote 3
BHT008X6BFMT	6,413	-	-	-	-	-	-	208-230/1/60	A	See footnote 3
BHT009X6BFMT	6,815	-	-	-	-	-	-	208-230/1/60	A	See footnote 3
BHT010X6BFMT	7,137	-	-	-	-	-	-	208-230/1/60	A	See footnote 1, 3
BHT010X6CFMT	7,057	-	-	-	-	-	-	208-230/3/60	A	See footnote 1, 3
Hermetic Extended/Medium Temperature (R-404A/507/22)										
BHT015X6BFM	7,144	BHT015X6B	6,636	BHN015X6B	5,330	BHS015X6B	7,430	208-230/1/60	B	See footnote 2
BHT015X6CFM	7,120	BHT015X6C	6,612	BHN015X6C	5,310	BHS015X6C	7,406	208-230/3/60	B	See footnote 2
BHT020X6BFM	7,527	BHT020X6B	7,019	BHN020X6B	5,713	BHS020X6B	7,815	208-230/1/60	B	See footnote 2
BHT020X6CFM	7,676	BHT020X6C	7,168	BHN020X6C	5,865	BHS020X6C	7,962	208-230/3/60	B	See footnote 2
BHT025X6BFM	8,135	BHT025X6B	7,627	BHN025X6B	6,283	BHS025X6B	7,971	208-230/1/60	B	See footnote 2
BHT025X6CFM	7,992	BHT025X6C	7,484	BHN025X6C	6,142	BHS025X6C	7,790	208-230/3/60	B	See footnote 2
-	-	BHT025X6D	8,383	BHN025X6D	7,039	BHS025X6D	8,706	460/3/60	B	See footnote 2

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection. Can also be used for R-22 medium and low temperature applications.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.

1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
BHT030X6BFM	8,167	BHT030X6B	7,579	BHN030X6B	6,637	BHS030X6B	8,004	208-230/1/60	D	See footnote 2
BHT030X6CFM	7,988	BHT030X6C	7,400	BHN030X6C	6,461	BHS030X6C	7,823	208-230/3/60	D	See footnote 2
-	-	BHT030X6D	8,313	BHN030X6D	7,374	BHS030X6D	8,739	460/3/60	D	See footnote 2
BHT032X6BFM	8,625	BHT032X6B	8,037	BHN032X6B	7,098	BHS032X6B	8,462	208-230/1/60	D	See footnote 2
BHT032X6CFM	8,447	BHT032X6C	7,859	BHN032X6C	6,915	BHS032X6C	8,284	208-230/3/60	D	See footnote 2
-	-	BHT032X6D	8,794	BHN032X6D	7,855	BHS032X6D	9,221	460/3/60	D	See footnote 2
BHT040X6BFM	10,399	BHT040X6B	9,811	BHN040X6B	8,900	BHS040X6B	10,234	208-230/1/60	D	See footnote 2
BHT040X6CFM	10,185	BHT040X6C	9,597	BHN040X6C	8,687	BHS040X6C	10,020	208-230/3/60	D	See footnote 2
-	-	BHT040X6D	10,663	BHN040X6D	9,755	BHS040X6D	11,089	460/3/60	D	See footnote 2
BHT050X6BFM	11,259	BHT050X6B	10,671	BHN050X6B	9,760	BHS050X6B	11,094	208-230/1/60	D	See footnote 2
BHT050X6CFM	11,026	BHT050X6C	10,438	BHN050X6C	9,530	BHS050X6C	10,864	208-230/3/60	D	See footnote 2
-	-	BHT050X6D	11,597	BHN050X6D	10,687	BHS050X6D	12,020	460/3/60	D	See footnote 2
BHT015X6BFMT	7,684	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
BHT015X6CFMT	7,660	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
BHT020X6BFMT	8,067	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
BHT020X6CFMT	8,216	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
BHT025X6BFMT	8,675	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
BHT025X6CFMT	8,532	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
BHT030X6BFMT	8,707	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT030X6CFMT	8,528	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
BHT032X6BFMT	9,165	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT032X6CFMT	8,987	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
BHT040X6BFMT	10,939	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT040X6CFMT	10,724	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
BHT050X6BFMT	11,800	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT050X6CFMT	11,566	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
Hermetic Low Temperature (R-404A/507)										
BHT011L6BF	6,964	BHT011L6B	5,916	BHN011L6B	4,830	BHS011L6B	6,341	208-230/1/60	A	-
BHT011L6CF	7,080	BHT011L6C	6,032	BHN011L6C	4,925	BHS011L6C	6,456	208-230/3/60	A	-
BHT014L6BF	6,991	BHT014L6B	5,943	BHN014L6B	4,861	BHS014L6B	6,368	208-230/1/60	A	-
BHT014L6CF	7,124	BHT014L6C	6,076	BHN014L6C	4,976	BHS014L6C	6,502	208-230/3/60	A	-
BHT019L6BF	7,316	BHT019L6B	6,268	BHN019L6B	5,074	BHS019L6B	6,878	208-230/1/60	B	-
BHT019L6CF	7,543	BHT019L6C	6,495	BHN019L6C	5,290	BHS019L6C	7,092	208-230/3/60	B	-
BHT025L6BF	7,638	BHT025L6B	6,590	BHN025L6B	5,284	BHS025L6B	7,384	208-230/1/60	B	-
BHT025L6CF	7,960	BHT025L6C	6,912	BHN025L6C	5,603	BHS025L6C	7,706	208-230/3/60	B	-
BHT031L6BF	10,058	BHT031L6B	8,930	BHN031L6B	8,041	BHS031L6B	9,726	208-230/1/60	C	-
BHT031L6CF	10,195	BHT031L6C	9,067	BHN031L6C	8,176	BHS031L6C	9,862	208-230/3/60	C	-
-	-	BHT031L6D	9,558	BHN031L6D	8,667	BHS031L6D	10,352	460/3/60	C	-
Hermetic High Temperature (R-22)										
BHT005H2BF	6,019	BHT005H2B	5,511	BHN005H2B	4,320	BHS005H2B	5,978	208-230/1/60	A	-
BHT010H2BF	6,807	BHT010H2B	6,299	BHN010H2B	4,802	BHS010H2B	6,766	208-230/1/60	A	-

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection. Can also be used for R-22 medium and low temperature applications.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.

Section 2

Air-Cooled Condensing Units

1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Scroll Medium Temperature (R-404A/507)										
-	-	BZT020M6B	7,890	BZN020M6B	7,266	BZS020M6B	8,685	208-230/1/60	C	-
-	-	BZT020M6C	7,952	BZN020M6C	7,326	BZS020M6C	8,748	208-230/3/60	C	-
-	-	BZT020M6D	8,411	BZN020M6D	7,782	BZS020M6D	9,204	460/3/60	C	-
-	-	BZT025M6B	8,059	BZN025M6B	7,431	BZS025M6B	8,853	208-230/1/60	C	-
-	-	BZT025M6C	8,179	BZN025M6C	7,557	BZS025M6C	8,975	208-230/3/60	C	-
-	-	BZT025M6D	8,642	BZN025M6D	8,014	BZS025M6D	9,437	460/3/60	C	-
-	-	BZT030M6B	8,702	BZN030M6B	8,073	BZS030M6B	9,125	208-230/1/60	D	-
-	-	BZT030M6C	8,871	BZN030M6C	8,246	BZS030M6C	9,296	208-230/3/60	D	-
-	-	BZT030M6D	9,259	BZN030M6D	8,630	BZS030M6D	9,681	460/3/60	D	-
-	-	BZT035M6B	9,663	BZN035M6B	9,035	BZS035M6B	10,087	208-230/1/60	D	-
-	-	BZT035M6C	9,832	BZN035M6C	9,207	BZS035M6C	10,258	208-230/3/60	D	-
-	-	BZT035M6D	10,219	BZN035M6D	9,591	BZS035M6D	10,645	460/3/60	D	-
-	-	BZT045M6B	10,494	BZN045M6B	9,865	BZS045M6B	10,917	208-230/1/60	D	-
-	-	BZT045M6C	10,666	BZN045M6C	10,039	BZS045M6C	11,092	208-230/3/60	D	-
-	-	BZT045M6D	11,051	BZN045M6D	10,469	BZS045M6D	11,476	460/3/60	D	-
-	-	BZT055M6B	11,177	BZN055M6B	10,550	BZS055M6B	11,602	208-230/1/60	D	-
-	-	BZT055M6C	11,351	BZN055M6C	10,723	BZS055M6C	11,774	208-230/3/60	D	-
-	-	BZT055M6D	11,736	BZN055M6D	11,105	BZS055M6D	12,161	460/3/60	D	-
BZT060M6CF	13,301	BZT060M6C	12,713	BZN060M6C	12,073	BZS060M6C	13,138	208-230/3/60	D	See footnote 6
-	-	BZT060M6D	13,100	BZN060M6D	12,456	BZS060M6D	13,523	460/3/60	D	See footnote 6
Scroll Low Temperature (R-404A/507)										
-	-	BZT020L6B	9,584	BZN020L6B	8,958	BZS020L6B	10,380	208-230/1/60	C	See footnote 5
-	-	BZT020L6C	9,767	BZN020L6C	9,140	BZS020L6C	10,564	208-230/3/60	C	See footnote 5
-	-	BZT020L6D	10,250	BZN020L6D	9,623	BZS020L6D	11,045	460/3/60	C	See footnote 5
-	-	BZT025L6B	9,762	BZN025L6B	9,136	BZS025L6B	10,559	208-230/1/60	C	See footnote 5
-	-	BZT025L6C	9,936	BZN025L6C	9,308	BZS025L6C	10,732	208-230/3/60	C	See footnote 5
-	-	BZT025L6D	10,422	BZN025L6D	9,791	BZS025L6D	11,216	460/3/60	C	See footnote 5
-	-	BZT030L6B	10,108	BZN030L6B	9,480	BZS030L6B	10,905	208-230/1/60	C	See footnote 5
BZT030L6CF	10,836	BZT030L6C	10,296	BZN030L6C	9,667	BZS030L6C	11,091	208-230/3/60	C	See footnote 5
-	-	BZT030L6D	10,784	BZN030L6D	10,157	BZS030L6D	11,579	460/3/60	C	See footnote 5
BZT035L6BF	11,637	BZT035L6B	11,096	BZN035L6B	10,469	BZS035L6B	11,891	208-230/1/60	C	See footnote 5
BZT035L6CF	11,810	BZT035L6C	11,270	BZN035L6C	10,644	BZS035L6C	12,064	208-230/3/60	C	See footnote 5
-	-	BZT035L6D	11,762	BZN035L6D	11,133	BZS035L6D	12,554	460/3/60	C	See footnote 5
-	-	BZT045L6B	12,433	BZN045L6B	11,808	BZS045L6B	12,857	208-230/1/60	D	See footnote 5
BZT045L6CF	13,374	BZT045L6C	12,604	BZN045L6C	11,976	BZS045L6C	13,028	208-230/3/60	D	See footnote 5
-	-	BZT045L6D	12,989	BZN045L6D	12,359	BZS045L6D	13,411	460/3/60	D	See footnote 5
-	-	BZT055L6B	12,818	BZN055L6B	12,190	BZS055L6B	13,243	208-230/1/60	D	See footnote 5
BZT055L6CF	13,759	BZT055L6C	12,989	BZN055L6C	12,359	BZS055L6C	13,411	208-230/3/60	D	See footnote 5
-	-	BZT055L6D	13,375	BZN055L6D	12,749	BZS055L6D	13,798	460/3/60	D	See footnote 5
BZT060L6CF	14,582	BZT060L6C	13,812	BZN060L6C	13,186	BZS060L6C	14,236	208-230/3/60	D	See footnote 5
-	-	BZT060L6D	14,196	BZN060L6D	13,570	BZS060L6D	14,621	460/3/60	D	See footnote 5

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection. Can also be used for R-22 medium and low temperature applications.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.

1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Semi-Hermetic Medium Temperature (R-404A/507)										
-	-	BST010M6B	7,562	BSN010M6B	6,568	BSS010M6B	7,987	208-230/1/60	A	-
-	-	BST010M6C	7,582	BSN010M6C	6,591	BSS010M6C	8,006	208-230/3/60	A	-
-	-	BST020M6B	9,855	BSN020M6B	8,830	BSS020M6B	10,650	208-230/1/60	B	See footnote 6
-	-	BST020M6C	9,705	BSN020M6C	8,664	BSS020M6C	10,499	208-230/3/60	B	See footnote 6
-	-	BST021M6C	10,793	BSN021M6C	9,754	BSS021M6C	11,588	208-230/3/60	B	See footnote 6
-	-	BST021M6D	11,397	BSN021M6D	10,356	BSS021M6D	12,192	460/3/60	B	See footnote 6
-	-	BST030M6C	12,873	BSN030M6C	11,961	BSS030M6C	13,299	208-230/3/60	D	See footnote 6
-	-	BST030M6D	13,471	BSN030M6D	12,562	BSS030M6D	13,899	460/3/60	D	See footnote 6
Semi-Hermetic Low Temperature (R-404A/507)										
-	-	BST005L6B	6,682	BSN005L6B	5,872	BSS005L6B	7,105	208-230/1/60	A	-
-	-	BST005L6C	6,764	BSN005L6C	5,954	BSS005L6C	7,186	208-230/3/60	A	-
-	-	BST008L6B	7,223	BSN008L6B	6,229	BSS008L6B	7,649	208-230/1/60	A	-
-	-	BST008L6C	7,241	BSN008L6C	6,248	BSS008L6C	7,665	208-230/3/60	A	-
-	-	BST010L6B	7,714	BSN010L6B	6,724	BSS010L6B	8,136	208-230/1/60	A	-
-	-	BST010L6C	7,722	BSN010L6C	6,737	BSS010L6C	8,146	208-230/3/60	A	-
BST015L6BF	10,178	BST015L6B	9,130	BSN015L6B	8,113	BSS015L6B	9,924	208-230/1/60	B	See footnote 6
BST015L6CF	10,142	BST015L6C	9,094	BSN015L6C	8,079	BSS015L6C	9,890	208-230/3/60	B	See footnote 6
-	-	BST015L6D	10,740	BSN015L6D	9,713	BSS015L6D	11,534	460/3/60	B	See footnote 6
BST020L6CF	11,882	BST020L6C	10,834	BSN020L6C	9,801	BSS020L6C	11,628	208-230/3/60	B	See footnote 6
BST021L6BF	12,320	BST021L6B	11,272	BSN021L6B	10,238	BSS021L6B	12,069	208-230/1/60	B	See footnote 6
BST021L6CF	12,171	BST021L6C	11,123	BSN021L6C	10,088	BSS021L6C	11,916	208-230/3/60	B	See footnote 6
-	-	BST021L6D	12,836	BSN021L6D	11,797	BSS021L6D	13,633	460/3/60	B	See footnote 6
BST030L6CF	14,018	BST030L6C	12,890	BSN030L6C	11,986	BSS030L6C	13,687	208-230/3/60	C	See footnote 6
-	-	BST030L6D	13,980	BSN030L6D	12,965	BSS030L6D	14,774	460/3/60	C	See footnote 6
Semi-Hermetic Extra Low Temperature (R-404A/507)										
BST030E6CF	14,018	BST030E6C	12,890	BSN030E6C	11,986	BSS030E6C	13,687	208-230/3/60	C	See footnote 6
-	-	BST030E6D	13,980	BSN030E6D	12,965	BSS030E6D	14,774	460/3/60	C	See footnote 6
Semi-Hermetic High Temperature (R-22)										
-	-	BST008H2B	7,621	BSN008H2B	6,515	BSS008H2B	8,092	208-230/1/60	A	-
-	-	BST008H2C	7,653	BSN008H2C	6,547	BSS008H2C	8,122	208-230/3/60	A	-
-	-	BST010H2B	8,227	BSN010H2B	7,087	BSS010H2B	8,692	208-230/1/60	A	-
-	-	BST010H2C	8,234	BSN010H2C	7,136	BSS010H2C	8,706	208-230/3/60	A	-
-	-	BST015H2B	9,906	BSN015H2B	8,756	BSS015H2B	10,784	208-230/1/60	B	See footnote 6
BST015H2CF	10,368	BST015H2C	9,860	BSN015H2C	8,712	BSS015H2C	10,738	208-230/3/60	B	See footnote 6
-	-	BST015H2D	11,704	BSN015H2D	10,552	BSS015H2D	12,584	460/3/60	B	See footnote 6
BST020H2CF	11,767	BST020H2C	11,259	BSN020H2C	10,106	BSS020H2C	12,139	208-230/3/60	B	See footnote 6
-	-	BST020H2D	13,148	BSN020H2D	11,995	BSS020H2D	14,028	460/3/60	B	See footnote 6
BST030H2CF	14,545	BST030H2C	13,957	BSN030H2C	12,924	BSS030H2C	14,425	208-230/3/60	D	See footnote 6
-	-	BST030H2D	15,360	BSN030H2D	14,351	BSS030H2D	15,829	460/3/60	D	See footnote 6
Semi-Hermetic Medium Temperature (R-22)										
-	-	BST008M2B	7,621	BSN008M2B	6,515	BSS008M2B	8,092	208-230/1/60	A	-
-	-	BST008M2C	7,653	BSN008M2C	6,547	BSS008M2C	8,122	208-230/3/60	A	-

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection. Can also be used for R-22 medium and low temperature applications.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.

Air-Cooled Condensing Units

1/2 - 6 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
-	-	BST010M2B	8,227	BSN010M2B	7,087	BSS010M2B	8,692	208-230/1/60	A	-
-	-	BST010M2C	8,234	BSN010M2C	7,136	BSS010M2C	8,706	208-230/3/60	A	-
-	-	BST020M2B	10,752	BSN020M2B	9,604	BSS020M2B	11,631	208-230/1/60	B	See footnote 6
-	-	BST020M2C	10,558	BSN020M2C	9,407	BSS020M2C	11,437	208-230/3/60	B	See footnote 6
-	-	BST021M2C	11,259	BSN021M2C	10,106	BSS021M2C	12,139	208-230/3/60	B	See footnote 6
-	-	BST021M2D	13,148	BSN021M2D	11,995	BSS021M2D	14,028	460/3/60	B	See footnote 6
BST029M2CF	14,087	BST029M2C	13,499	BSN029M2C	12,468	BSS029M2C	14,378	208-230/3/60	C	-
-	-	BST029M2D	14,903	BSN029M2D	13,896	BSS029M2D	15,781	460/3/60	C	-
Hermetic Medium Temperature (R-22)										
BHT015X6BFM	7,144	BHT015X6B	6,636	BHN015X6B	5,330	BHS015X6B	7,430	208-230/1/60	B	See footnote 2
BHT015X6BFMT	7,684	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
BHT015X6CFM	7,120	BHT015X6C	6,612	BHN015X6C	5,310	BHS015X6C	7,406	208-230/3/60	B	See footnote 2
BHT015X6CFMT	7,660	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
BHT020X6BFM	7,527	BHT020X6B	7,019	BHN020X6B	5,713	BHS020X6B	7,815	208-230/1/60	B	See footnote 2
BHT020X6BFMT	8,067	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
BHT020X6CFM	7,676	BHT020X6C	7,168	BHN020X6C	5,865	BHS020X6C	7,962	208-230/3/60	B	See footnote 2
BHT020X6CFMT	8,216	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
BHT025X6BFM	8,135	BHT025X6B	7,627	BHN025X6B	6,283	BHS025X6B	7,971	208-230/1/60	B	See footnote 2
BHT025X6BFMT	8,675	-	-	-	-	-	-	208-230/1/60	B	See footnote 3
BHT025X6CFM	7,992	BHT025X6C	7,484	BHN025X6C	6,142	BHS025X6C	7,790	208-230/3/60	B	See footnote 2
BHT025X6CFMT	8,532	-	-	-	-	-	-	208-230/3/60	B	See footnote 3
-	-	BHT025X6D	8,383	BHN025X6D	7,039	BHS025X6D	8,706	460/3/60	B	See footnote 2
BHT030X6BFM	8,167	BHT030X6B	7,579	BHN030X6B	6,637	BHS030X6B	8,004	208-230/1/60	D	See footnote 2
BHT030X6BFMT	8,707	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT030X6CFM	7,988	BHT030X6C	7,400	BHN030X6C	6,461	BHS030X6C	7,823	208-230/3/60	D	See footnote 2
BHT030X6CFMT	8,528	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
-	-	BHT030X6D	8,313	BHN030X6D	7,374	BHS030X6D	8,739	460/3/60	D	See footnote 2
BHT032X6BFM	8,625	BHT032X6B	8,037	BHN032X6B	7,098	BHS032X6B	8,462	208-230/1/60	D	See footnote 2
BHT032X6BFMT	9,165	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT032X6CFM	8,447	BHT032X6C	7,859	BHN032X6C	6,915	BHS032X6C	8,284	208-230/3/60	D	See footnote 2
BHT032X6CFMT	8,987	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
-	-	BHT032X6D	8,794	BHN032X6D	7,855	BHS032X6D	9,221	460/3/60	D	See footnote 2
BHT040X6BFM	10,399	BHT040X6B	9,811	BHN040X6B	8,900	BHS040X6B	10,234	208-230/1/60	D	See footnote 2
BHT040X6BFMT	10,939	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT040X6CFM	10,185	BHT040X6C	9,597	BHN040X6C	8,687	BHS040X6C	10,020	208-230/3/60	D	See footnote 2
BHT040X6CFMT	10,724	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
-	-	BHT040X6D	10,663	BHN040X6D	9,755	BHS040X6D	11,089	460/3/60	D	See footnote 2
BHT050X6BFM	11,259	BHT050X6B	10,671	BHN050X6B	9,760	BHS050X6B	11,094	208-230/1/60	D	See footnote 2
BHT050X6BFMT	11,800	-	-	-	-	-	-	208-230/1/60	D	See footnote 4
BHT050X6CFM	11,026	BHT050X6C	10,438	BHN050X6C	9,530	BHS050X6C	10,864	208-230/3/60	D	See footnote 2
BHT050X6CFMT	11,566	-	-	-	-	-	-	208-230/3/60	D	See footnote 4
-	-	BHT050X6D	11,597	BHN050X6D	10,687	BHS050X6D	12,020	460/3/60	D	See footnote 2

Notes:

1. Not Suitable for R-507
2. Suction accumulator is available as an option.
3. Includes electric defrost timer.
4. Includes air defrost timer. Suitable for medium temperature applications only.
5. Includes standard liquid line required for liquid injection. Can also be used for R-22 medium and low temperature applications.
6. Model provided with Round Tube Plate Fin (RTPF) condenser coil instead of microchannel coil.

½ - 6 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	Beacon II™ Outdoor (S)
Electrical Options						
DFT.001	Defrost Timer - Air	All H2, M6, X6	Medium temperature applications only.	540	540	-
SW.001	Adjustable low pressure control	H2, H6, M6	Standard on L6, E6, X6 models.	149	-	-
SW.005	Adjustable low pressure control	H2, H6, M6	Standard on L6, E6, X6 models.	-	149	-
SW.002	Dual pressure control with superhose	All	-	336	336	-
FSD.001-1	Mounted fused disconnect	005-035	-	534	-	534
FSD.001-2	Mounted fused disconnect	040-060	-	983	-	983
PLM.004	Phase Loss Monitor	All	-	1,061	1,061	-
FCY.008	Fan Cycling - Fixed Temperature	Cabinet B & C	2 fan units; Can't combine HPV & VSEC	371	371	-
MS.001A	Variable Speed EC Motor with Orbus Controller	Cabinet A	VSEC with Orbus in place of head pressure control valve	792	-	792
MS.001BC	Variable Speed EC Motor with Orbus Controller	Cabinet B & C	VSEC with Orbus in place of head pressure control valve	1,174	-	1,174
MS.001D	Variable Speed EC Motor with Orbus Controller	Cabinet D (Except 460V)	VSEC with Orbus in place of head pressure control valve	1,065	-	1,065
Mechanical Options						
LIQ.001-1	Liquid-line filter drier, sight glass and shut-off valve	005-025	Standard on L6 models with ZF Scroll Compressor	508	508	508
LIQ.001-2	Liquid-line filter drier, sight glass and shut-off valve	027-060	Standard on L6 models with ZF Scroll Compressor	588	588	588
LIQ.003	Replaceable core liquid-line filter drier, sight glass, shut-off valve	Cabinet D	Also available on 031 L6 with hermetic compressor	1,082	1,082	1,082
LIQ.002-1	Liquid-line solenoid valve and pump-down switch with liquid-line filter drier, sight glass and shut-off valve	005-025	Not recommended on applications with line runs more than 25 feet.	1,082	1,082	-
LIQ.002-2	Liquid-line solenoid valve and pump-down switch with liquid-line filter drier, sight glass and shut-off valve	027-060	Not recommended on applications with line runs more than 25 feet.	1,163	1,163	-
SUC.003-1	Suction-line filter	005-025	-	323	323	323
SUC.003-2	Suction-line filter	030-060	-	384	384	384
SUC.005	Replaceable core suction-line filter	Cabinet D	Also available on 031 L6 with hermetic compressor	1,125	1,125	1,125
SUC.007-1	Suction accumulator	005-025	-	406	406	406
SUC.007-2	Suction accumulator	027-060	-	676	676	676
DIS.004	Head pressure control flooding valve	005-060	-	Standard	479	Standard
DIS.001	Oil separator with discharge line check valve	Cabinet D	Can not be used with 44# reciever with relief valve option (REC.044).	1,216	1,216	-

Section 2

1/2 - 6 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	Beacon II™ Outdoor (S)
DIS.017	Oil separator with discharge line check valve	Cabinet D	Can not be used with 44# receiver with relief valve option (REC.044).	1,216	1,216	1,216
REC.044	44# receiver with relief valve	Cabinet D	Can not be ordered with replaceable core liquid-line filter drier option (LIQ.003).	1,206	1,206	1,206
REC.001	Low ambient kit with heated and insulated receiver, time delay relay	All	Can not be used with dual pressure control option (SW.002).	675	-	675
PRE.002A	Pre-Charged w/ Quick Connects (R404A)	Cabinet A	Must be ordered with liquid-line assemblies.	693	693	-
PRE.002BC	Pre-Charged w/ Quick Connects (R404A)	Cabinet B&C	Must be ordered with liquid-line assemblies.	829	829	-
PRE.002D	Pre-Charged w/ Quick Connects (R404A)	Cabinet D	Must be ordered with liquid-line assemblies.	1,012	1,012	-

½ - 6 HP Horizontal Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.

3

If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor (T)	Indoor (N)
DFT.002	Defrost Timer - Electric	005-035 and L6, M6, E6, X6	-	540	540
DFT.007	Electric Defrost Kit	040-060 and L6, M6, E6, X6	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, and (1) lockout relay.	769	769
SDK.001	InterLink™ Smart Defrost Kit™	005-060 and L6, M6, E6, X6	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836	836

1/2 - 6 HP Horizontal Air Discharge

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Electrical Options				
29318012	1/2" Solenoid valve, 115/230V coil	-	-	329
8077893	10ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	310
5009969	15ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	368
8077894	20ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	399
5009970	25ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	466
8077895	35ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	540
8077896	55ft Wire harness for air or electric defrost units	All	Not available for 115V evaporator motors	634
Mechanical Options				
50014701	9.75" Extended legs (shipped-loose)	Cabinet A	-	303
50014702	9.75" Extended legs (shipped-loose)	Cabinet B&C	-	303
50014703	9.75" Extended legs (shipped-loose)	Cabinet D	-	303
50014710	5.75" Extended legs (shipped-loose)	Cabinet A	-	303
50014711	5.75" Extended legs (shipped-loose)	Cabinet B&C	-	303
50014712	5.75" Extended legs (shipped-loose)	Cabinet D	-	303
59985601	Hail guards (shipped-loose)	Cabinet A	-	367
59985701	Hail guards (shipped-loose)	Cabinet B&C	-	396
59985801	Hail guards (shipped-loose)	Cabinet D	-	408

Precharged Line Set with Refrigerant and Quick Connect Fittings at Both Ends

For proper selection, you must know the system capacity, suction temperature, line length, and aeroquip fitting size at both the condensing unit and unit cooler. Not available for R-22. Please contact your local Sales Representative or Account Engineer for assistance.

Line Sizes	7 Feet		10 Feet		15 Feet		20 Feet		30 Feet		50 Feet	
	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)	Part Number	List Price (\$US)
3/8" x 5/8"	8049918	627	8049933	627	8049921	676	8049930	670	8049924	858	8049927	1,154
3/8" x 7/8"	8049919	654	8049934	684	8049922	731	8049931	816	8049925	1,155	8049928	1,746
1/2" x 1 1/8"	8049920	751	8049935	874	8049923	1,012	8049932	1,163	8049926	1,433	8049929	2,149

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	291
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608

3 - 22 HP Horizontal Air Discharge

Overview



Product Description:

The 3-22 HP condensing units feature an enhanced grill design that gives up to 40% more free-air area than prior models and its vertical receiver needs less refrigerant to ensure a full column of liquid reaches the expansion valve. Fan motors and serviceable components are accessible via the front grill for quick service and the sight glass is conveniently placed so that charging is quick, easy and accurate. Thorough cleaning of the coil is easier because the unit's top panel is one piece and lighter for easy removal. A liquid base valve and suction service tap is placed on the outside of the cabinet for easy pump-downs and quick diagnosis. The footprint is smaller for easy jobsite placement. These condensing units utilize the Floating Tube™ coil design, which eliminates tube-sheet leaks, allowing for a 5-year warranty against tube-sheet leaks. PSC motors come standard to help save you energy.

Opting for the Beacon II™ Refrigeration System with Smart Defrost, factory-installed Smart Defrost Kit™ (SDK), Variable Speed EC (VSEC) motor with Orbus™ Controller increases energy efficiency and qualifies this product for the **E Solutions™** product portfolio

Certifications



Nomenclature

B	D	T	0500	M	6	C	
Model	Compressor	Application	Equiv. HP		Operating Range	Refrigerant	Voltage
B = Bohn	D = Discus® Z = Scroll	T = Outdoor N = Indoor S = Beacon II™	0300 = 3HP 0400 = 4HP 0500 = 5HP 0501 = 5HP 0600 = 6HP 0601 = 6HP 0650 = 6.5HP 0700 = 7HP 0750 = 7.5HP	0751 = 7.5HP 0800 = 8 HP 0860 = 8.5HP 0900 = 9HP 1000 = 10HP 1200 = 12HP 1300 = 13HP 1401 = 14HP 1500 = 15HP 2200 = 22HP	L = Low M = Medium	2 = R-22 6 = R-404A/507	C = 208-230/3/60 (200-220/3/50)* D = 460/3/60 (380-420/3/50)* E = 575/3/60 * Limited by compressor model

Cabinet & Construction

- All units feature the Floating Tube™ coil design which eliminates tube sheet leaks
- Painted steel cabinet for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality & Performance

- Sight Glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper condenser tubing
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate braze joints where possible to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate subcooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-Beacon™ condensing units

Components

Compressor

- Discus compressors are spring mounted with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sight glass and permanent line filter

Motors

- Available with Variable Speed EC Motors

Section 2

Air-Cooled Condensing Units

3 - 22 HP Horizontal Air Discharge Standard & Configurable Models Pricing

<p>Standard Outdoor</p> <ul style="list-style-type: none"> • Prepainted galvanized cabinet • Manual pump-down switch • Electronic oil failure switch (Discus Compressors) • Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors) • Head pressure control valve • Crankcase heater • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter • ServiceMate™ Diagnostic Module

Configurable Models		
<p>Outdoor (T)</p> <ul style="list-style-type: none"> • Prepainted galvanized cabinet • Manual pump-down switch • Electronic oil failure switch (Discus Compressors) • Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors) • Head pressure control valve • Crankcase heater • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter 	<p>Indoor (N)</p> <ul style="list-style-type: none"> • No cabinet hood • Fan guards & wiring conduit • Manual pump-down switch • Electronic oil failure switch (Discus Compressors) • Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors) • Crankcase heater • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter 	<p>Beacon II™ Outdoor (S)</p> <ul style="list-style-type: none"> • Outdoor Unit with hood • Manual pump-down switch • Electronic oil failure switch (Discus Compressors) • Spring mounted compressors with suction and discharge vibration eliminators (Discus Compressors) • Crankcase heater • Head pressure control valve • Wired for Beacon II™ control. Beacon II™ fan cycling for two fan units only • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter
<p>Need to customize? Look at the factory-installed options starting on page 130.</p>		

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Discus Medium Temperature (R-404A/507/22)										
-	-	BDT0500M6C	20,747	BDN0500M6C	20,305	BDS0500M6C	21,532	208-230/3/60	1 Fan	-
-	-	BDT0500M6D	22,120	BDN0500M6D	21,677	BDS0500M6D	22,907	460/3/60	1 Fan	-
-	-	BDT0500M6E	22,563	BDN0500M6E	22,110	BDS0500M6E	23,365	575/3/60	1 Fan	-
-	-	BDT0501M6C	21,262	BDN0501M6C	20,817	BDS0501M6C	22,048	208-230/3/60	1 Fan	-
-	-	BDT0501M6D	22,636	BDN0501M6D	22,190	BDS0501M6D	23,420	460/3/60	1 Fan	-
-	-	BDT0501M6E	23,088	BDN0501M6E	22,636	BDS0501M6E	23,890	575/3/60	1 Fan	-
-	-	BDT0750M6C	26,160	BDN0750M6C	25,715	BDS0750M6C	27,494	208-230/3/60	1 Fan	-
-	-	BDT0750M6D	27,531	BDN0750M6D	27,090	BDS0750M6D	28,864	460/3/60	1 Fan	-
-	-	BDT0750M6E	28,083	BDN0750M6E	27,629	BDS0750M6E	29,439	575/3/60	1 Fan	-
BDT0751M6CF	26,323	BDT0751M6C	26,323	BDN0751M6C	25,730	BDS0751M6C	28,041	208-230/3/60	2 Fan	-
-	-	BDT0751M6D	27,693	BDN0751M6D	27,101	BDS0751M6D	29,411	460/3/60	2 Fan	-
-	-	BDT0751M6E	28,247	BDN0751M6E	27,643	BDS0751M6E	29,999	575/3/60	2 Fan	-
-	-	BDT0800M6C	30,509	BDN0800M6C	29,917	BDS0800M6C	32,228	208-230/3/60	2 Fan	-
-	-	BDT0800M6D	31,963	BDN0800M6D	31,369	BDS0800M6D	33,682	460/3/60	2 Fan	-
-	-	BDT0800M6E	32,603	BDN0800M6E	31,997	BDS0800M6E	34,356	575/3/60	2 Fan	-
-	-	BDT1000M6C	31,959	BDN1000M6C	31,387	BDS1000M6C	33,630	208-230/3/60	2 Fan	-
-	-	BDT1000M6D	34,235	BDN1000M6D	33,643	BDS1000M6D	35,953	460/3/60	2 Fan	-
-	-	BDT1000M6E	34,919	BDN1000M6E	34,314	BDS1000M6E	36,670	575/3/60	2 Fan	-
BDT1200M6CF	34,599	BDT1200M6C	34,599	BDN1200M6C	34,025	BDS1200M6C	36,268	208-230/3/60	2 Fan	-
-	-	BDT1200M6D	36,078	BDN1200M6D	35,455	BDS1200M6D	37,747	460/3/60	2 Fan	-
-	-	BDT1500M6C	35,440	BDN1500M6C	34,867	BDS1500M6C	37,110	208-230/3/60	2 Fan Large	-
-	-	BDT1500M6D	37,105	BDN1500M6D	36,484	BDS1500M6D	38,775	460/3/60	2 Fan Large	-
-	-	BDT1500M6E	37,848	BDN1500M6E	37,212	BDS1500M6E	39,551	575/3/60	2 Fan Large	-
Discus Low Temperature (R-404A/507/22)										
-	-	BDT0300L6C	20,163	BDN0300L6C	19,721	BDS0300L6C	20,950	208-230/3/60	1 Fan	See Note 1
-	-	BDT0300L6D	21,533	BDN0300L6D	21,091	BDS0300L6D	22,322	460/3/60	1 Fan	See Note 1
-	-	BDT0300L6E	21,965	BDN0300L6E	21,514	BDS0300L6E	22,764	575/3/60	1 Fan	See Note 1
-	-	BDT0400L6C	21,917	BDN0400L6C	21,474	BDS0400L6C	22,701	208-230/3/60	1 Fan	See Note 1
-	-	BDT0400L6D	23,288	BDN0400L6D	22,843	BDS0400L6D	24,071	460/3/60	1 Fan	See Note 1
-	-	BDT0400L6E	23,752	BDN0400L6E	23,301	BDS0400L6E	24,555	575/3/60	1 Fan	See Note 1

Notes:

1. For R-22 low temperature operation, add Demand Cooling Kit.

3 - 22 HP Horizontal Air Discharge

Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
-	-	BDT0600L6C	23,030	BDN0600L6C	22,586	BDS0600L6C	23,815	208-230/3/60	1 Fan	See Note 1
-	-	BDT0600L6D	24,401	BDN0600L6D	23,958	BDS0600L6D	25,185	460/3/60	1 Fan	See Note 1
-	-	BDT0600L6E	24,888	BDN0600L6E	24,437	BDS0600L6E	25,686	575/3/60	1 Fan	See Note 1
BDT0601L6CF	25,632	BDT0601L6C	24,389	BDN0601L6C	23,946	BDS0601L6C	25,174	208-230/3/60	1 Fan	See Note 1
-	-	BDT0601L6D	25,758	BDN0601L6D	25,316	BDS0601L6D	26,543	460/3/60	1 Fan	See Note 1
-	-	BDT0601L6E	26,274	BDN0601L6E	25,822	BDS0601L6E	27,075	575/3/60	1 Fan	See Note 1
BDT0750L6CF	29,735	BDT0750L6C	28,493	BDN0750L6C	28,049	BDS0750L6C	29,827	208-230/3/60	1 Fan	See Note 1
-	-	BDT0750L6D	29,865	BDN0750L6D	29,421	BDS0750L6D	31,197	460/3/60	1 Fan	See Note 1
-	-	BDT0750L6E	30,463	BDN0750L6E	30,008	BDS0750L6E	31,820	575/3/60	1 Fan	See Note 1
-	-	BDT0900L6C	31,336	BDN0900L6C	30,744	BDS0900L6C	33,052	208-230/3/60	2 Fan	See Note 1
-	-	BDT0900L6D	32,705	BDN0900L6D	32,112	BDS0900L6D	34,425	460/3/60	2 Fan	See Note 1
-	-	BDT0900L6E	33,361	BDN0900L6E	32,757	BDS0900L6E	35,112	575/3/60	2 Fan	See Note 1
BDT1000L6CF	35,099	BDT1000L6C	33,713	BDN1000L6C	33,119	BDS1000L6C	35,427	208-230/3/60	2 Fan	See Note 1
-	-	BDT1000L6D	34,421	BDN1000L6D	33,826	BDS1000L6D	36,138	460/3/60	2 Fan	See Note 1
-	-	BDT1000L6E	35,108	BDN1000L6E	34,503	BDS1000L6E	36,859	575/3/60	2 Fan	See Note 1
-	-	BDT1200L6C	34,414	BDN1200L6C	33,793	BDS1200L6C	36,084	208-230/3/60	2 Fan Large	See Note 1
-	-	BDT1200L6D	35,595	BDN1200L6D	34,972	BDS1200L6D	37,263	460/3/60	2 Fan Large	See Note 1
-	-	BDT1200L6E	36,306	BDN1200L6E	35,671	BDS1200L6E	38,009	575/3/60	2 Fan Large	See Note 1
-	-	BDT1500L6C	35,954	BDN1500L6C	35,332	BDS1500L6C	37,624	208-230/3/60	2 Fan Large	See Note 1
-	-	BDT1500L6D	38,766	BDN1500L6D	38,143	BDS1500L6D	40,436	460/3/60	2 Fan Large	See Note 1
-	-	BDT1500L6E	39,543	BDN1500L6E	38,907	BDS1500L6E	41,246	575/3/60	2 Fan Large	See Note 1
-	-	BDT2200L6C	42,104	BDN2200L6C	41,482	BDS2200L6C	43,775	208-230/3/60	2 Fan Large	See Note 1
-	-	BDT2200L6D	42,635	BDN2200L6D	42,394	BDS2200L6D	44,301	460/3/60	2 Fan Large	See Note 1
-	-	BDT2200L6E	43,487	BDN2200L6E	42,851	BDS2200L6E	45,188	575/3/60	2 Fan Large	See Note 1
Scroll Medium Temperature (R-404A/507)										
-	-	BZT0650M6C	22,892	BZN0650M6C	22,448	BZS0650M6C	24,225	208-230/3/60	1 Fan	-
-	-	BZT0650M6D	24,380	BZN0650M6D	23,936	BZS0650M6D	25,711	460/3/60	1 Fan	-
-	-	BZT0650M6E	24,865	BZN0650M6E	24,416	BZS0650M6E	26,227	575/3/60	1 Fan	-
-	-	BZT0700M6C	22,946	BZN0700M6C	22,501	BZS0700M6C	24,665	208-230/3/60	2 Fan	-
-	-	BZT0700M6D	24,437	BZN0700M6D	23,993	BZS0700M6D	26,022	460/3/60	2 Fan	-
-	-	BZT0700M6E	24,956	BZN0700M6E	24,512	BZS0700M6E	26,541	575/3/60	2 Fan	-
-	-	BZT0750M6C	24,017	BZN0750M6C	23,425	BZS0750M6C	25,736	208-230/3/60	2 Fan	-
-	-	BZT0750M6D	25,507	BZN0750M6D	24,914	BZS0750M6D	27,223	460/3/60	2 Fan	-
-	-	BZT0750M6E	26,014	BZN0750M6E	25,409	BZS0750M6E	27,766	575/3/60	2 Fan	-
-	-	BZT0860M6C	28,466	BZN0860M6C	27,875	BZS0860M6C	30,186	208-230/3/60	2 Fan	-
-	-	BZT0860M6D	29,145	BZN0860M6D	28,555	BZS0860M6D	30,864	460/3/60	2 Fan	-
-	-	BZT0860M6E	29,728	BZN0860M6E	29,125	BZS0860M6E	31,480	575/3/60	2 Fan	-
-	-	BZT1000M6C	31,301	BZN1000M6C	29,577	BZS1000M6C	33,020	208-230/3/60	2 Fan	-
-	-	BZT1000M6D	31,555	BZN1000M6D	29,832	BZS1000M6D	33,272	460/3/60	2 Fan	-
-	-	BZT1000M6E	32,186	BZN1000M6E	30,428	BZS1000M6E	33,937	575/3/60	2 Fan	-
-	-	BZT1401M6C	34,949	BZN1401M6C	33,128	BZS1401M6C	36,766	208-230/3/60	2 Fan Large	-
-	-	BZT1401M6D	36,306	BZN1401M6D	33,392	BZS1401M6D	37,034	460/3/60	2 Fan Large	-
-	-	BZT1401M6E	35,917	BZN1401M6E	34,059	BZS1401M6E	37,774	575/3/60	2 Fan Large	-
Scroll Low Temperature (R-404A/507)										
-	-	BZT0750L6C	21,645	BZN0750L6C	21,200	BZS0750L6C	22,977	208-230/3/60	1 Fan	-
-	-	BZT0750L6D	22,977	BZN0750L6D	22,535	BZS0750L6D	24,311	460/3/60	1 Fan	-
-	-	BZT0750L6E	23,436	BZN0750L6E	22,984	BZS0750L6E	24,796	575/3/60	1 Fan	-
-	-	BZT1000L6C	26,867	BZN1000L6C	26,425	BZS1000L6C	28,201	208-230/3/60	1 Fan	-

Notes:

1. For R-22 low temperature operation, add Demand Cooling Kit.

Section 2

Air-Cooled Condensing Units

3 - 22 HP Horizontal Air Discharge Standard & Configurable Models Pricing

Standard Outdoor		Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
-	-	BZT1000L6D	28,262	BZN1000L6D	27,817	BZS1000L6D	29,592	460/3/60	1 Fan	-
-	-	BZT1000L6E	28,827	BZN1000L6E	28,374	BZS1000L6E	30,186	575/3/60	1 Fan	-
-	-	BZT1300L6C	30,168	BZN1300L6C	29,577	BZS1300L6C	31,887	208-230/3/60	2 Fan	-
-	-	BZT1300L6D	30,887	BZN1300L6D	30,294	BZS1300L6D	32,609	460/3/60	2 Fan	-
-	-	BZT1300L6E	31,505	BZN1300L6E	30,901	BZS1300L6E	33,259	575/3/60	2 Fan	-
-	-	BZT1500L6C	31,155	BZN1500L6C	30,564	BZS1500L6C	32,877	208-230/3/60	2 Fan	-
-	-	BZT1500L6D	31,875	BZN1500L6D	31,282	BZS1500L6D	33,597	460/3/60	2 Fan	-
-	-	BZT1500L6E	32,511	BZN1500L6E	31,908	BZS1500L6E	34,268	575/3/60	2 Fan	-
Scroll Low Temperature (R-22)										
-	-	BZT0750L2C	23,936	BZN0750L2C	23,442	BZS0750L2C	25,409	208-230/3/60	1 Fan	-
-	-	BZT0750L2D	25,409	BZN0750L2D	24,919	BZS0750L2D	26,883	460/3/60	1 Fan	-
-	-	BZT0750L2E	25,914	BZN0750L2E	25,415	BZS0750L2E	27,419	575/3/60	1 Fan	-
-	-	BZT1000L2C	29,708	BZN1000L2C	29,220	BZS1000L2C	31,185	208-230/3/60	1 Fan	-
-	-	BZT1000L2D	31,251	BZN1000L2D	30,760	BZS1000L2D	32,723	460/3/60	1 Fan	-
-	-	BZT1000L2E	31,875	BZN1000L2E	31,375	BZS1000L2E	33,378	575/3/60	1 Fan	-
-	-	BZT1300L2C	33,360	BZN1300L2C	32,707	BZS1300L2C	35,260	208-230/3/60	2 Fan	-
-	-	BZT1300L2D	34,153	BZN1300L2D	33,499	BZS1300L2D	36,057	460/3/60	2 Fan	-
-	-	BZT1300L2E	34,837	BZN1300L2E	34,169	BZS1300L2E	36,776	575/3/60	2 Fan	-
-	-	BZT1500L2C	34,450	BZN1500L2C	33,796	BZS1500L2C	36,353	208-230/3/60	2 Fan	-
-	-	BZT1500L2D	35,247	BZN1500L2D	34,592	BZS1500L2D	37,149	460/3/60	2 Fan	-
-	-	BZT1500L2E	35,949	BZN1500L2E	35,285	BZS1500L2E	37,892	575/3/60	2 Fan	-

Notes:

1. For R-22 low temperature operation, add Demand Cooling Kit.

3 - 22 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	Beacon II™ Outdoor (S)
Electrical Options						
DFT.001	Defrost Timer - Air	All M6	Medium temperature applications only.	540	540	-
SW.007	Adjustable high pressure switch w/ manual reset & adjustable low pressure switch	2 Fan & 2 Fan Large	-	381	381	381
SW.002	Dual pressure control with adjustable high & low pressure settings	All	Standard heated and insulated receiver kit option can't be used with this option. Contact factory	149	149	-
FSD.001-1	Mounted fused disconnect	1 Fan (230V)	-	1,023	-	1,023
FSD.001-2	Mounted fused disconnect	1 Fan (460V)	-	1,178	-	1,178
FSD.001-3	Mounted fused disconnect	2 Fan (230V)	-	1,797	-	1,797
FSD.001-4	Mounted fused disconnect	2 Fan (460V)	-	2,069	-	2,069
FSD.001-5	Mounted fused disconnect	2 Fan Large (230V)	-	2,471	-	2,471
FSD.001-6	Mounted fused disconnect	2 Fan Large (460V)	-	3,385	-	3,385
PLM.001	Phase Loss Monitor	All	-	1,109	1,109	1,109
FCY.002-1	Fan Cycling - Temperature & Pressure	1 Fan	-	385	-	Press. Std.
FCY.014	Fan Cycling - Temperature & Pressure	2 Fan	-	534	-	Press. Std.
FCY.002-2	Fan Cycling - Temperature & Pressure	2 Fan Large	-	534	-	Press. Std.
ELC.007-1	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 230V	-	2,307	2,307	-
ELC.007-2	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 460V	-	3,503	3,503	-
CFS.001	Compressor Fusing	2 Fan Large	-	398	398	398
ELC.008-2	NEMA Contactors	2 Fan Large - 230V	-	2,109	2,109	-
ELC.008-1	NEMA Contactors	2 Fan Large - 460V	-	1,223	1,223	-
MS.001-1	Variable Speed EC Motor with Orbus Controller	1 Fan (208-230/3/60)	-	1,065	-	1,065
MS.001-2	Variable Speed EC Motor with Orbus Controller	2 Fan (208-230/3/60)	Not suitable for 2 Fan Large (230V) Units (1401H6, 1500M6, 1200L6 - 2200L6)	1,890	-	1,890
MS.001-3	Variable Speed EC Motor with Orbus Controller	2 Fan Large (230V)	-	N/A	-	N/A
MS.001-4	Variable Speed EC Motor with Orbus Controller	1 Fan (460V)	-	2,657	-	2,657

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically

3 - 22 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	Beacon II™ Outdoor (S)
MS.001-5	Variable Speed EC Motor with Orbus Controller	2 Fan (460V)	Not suitable for 2 Fan Large (460V) Units (1401H6, 1500M6, 1200L6 - 2200L6)	3,605	-	3,605
MS.001-6	Variable Speed EC Motor with Orbus Controller	2 Fan Large (460V)	-	N/A	-	N/A
Mechanical Options						
LIQ.003	Replaceable core liquid-line filter drier & sight glass	All	-	457	457	457
LIQ.002-3	Liquid-line solenoid valve	1 Fan	Not recommended on applications with line runs more than 25 feet.	598	598	-
LIQ.002-4	Liquid-line solenoid valve	2 Fan	Not recommended on applications with line runs more than 25 feet.	672	672	-
LIQ.002-5	Liquid-line solenoid valve	2 Fan Large	Not recommended on applications with line runs more than 25 feet.	920	920	-
SUC.003-1	Suction-line filter	1 Fan	-	457	457	457
SUC.003-2	Suction-line filter	2 Fan	-	777	777	777
SUC.003-3	Suction-line filter	2 Fan Large	-	1,240	1,240	1,240
SUC.005-1	Replaceable core suction-line filter	1 Fan	-	879	879	879
SUC.005-2	Replaceable core suction-line filter	2 Fan	-	1,199	1,199	1,199
SUC.005-3	Replaceable core suction-line filter	2 Fan Large	-	1,623	1,623	1,623
SUC.007-1	Suction accumulator	1 Fan	-	703	703	703
SUC.007-2	Suction accumulator	2 Fan	-	1,093	1,093	1,093
SUC.007-3	Suction accumulator	2 Fan Large	-	2,649	2,649	2,649
DIS.004-1	Head pressure control valve - 180psi fixed	1 & 2 Fan	-	Standard	343	Standard
DIS.004-2	Head pressure control valve - adjustable	2 Fan Large	-	Standard	1,164	Standard
DIS.001-1	Oil separator with discharge line check valve	1 Fan	-	1,272	1,272	1,272
DIS.001-2	Oil separator with discharge line check valve	2 Fan	-	1,343	1,343	1,343
DIS.001-3	Oil separator with discharge line check valve	2 Fan Large	-	1,589	1,589	1,589
UNL.001	Compressor Unloading (One Step)	2 Fan Large	-	2,193	2,193	-
DMD.001	Demand Cooling for low temperature R-22	All L6	Discuss Compressors Only	2,298	2,298	2,298
REC.010-3	Oversized receiver	1 Fan	R-22 = 60 lbs.; R-404A/507 = 52 lbs.	1,198	1,198	1,198
REC.010-2	Oversized receiver	2 Fan	R-22 = 90 lbs.; R-404A/507 = 78 lbs.	596	596	596

3 - 22 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	Beacon II™ Outdoor (S)
REC.010-1	Oversized receiver	2 Fan Large	See technical bulletin for Volumes	368	368	368
LOW.001-1	Heated & Insulated reciever with low pressure cut-out time delay	1 & 2 Fan	-	769	-	769
LOW.001-2	Heated & Insulated reciever with low pressure cut-out time delay	2 Fan Large	-	1,028	-	1,028
LVR.001-1	Louvered guard for snowbelt regions	1 Fan	-	1,164	-	1,164
LVR.001-2	Louvered guard for snowbelt regions	2 Fan	-	1,326	-	1,326
Coil Options						
CS.PRO-1	BohnGuard™ condenser fin protection	1 Fan	-	1,194	1,194	1,194
CS.PRO-2	BohnGuard™ condenser fin protection	2 Fan	-	1,650	1,650	1,650
CS.PRO-3	BohnGuard™ condenser fin protection	2 Fan Large	-	2,318	2,318	2,318
CS.CPR-1	Copper condenser fins	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-3	Copper condenser fins	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.ELEC-1	ElectroFin coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory

Section 2

3 - 22 HP Horizontal Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.

3

If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor (T)	Indoor (N)
DFT.007-2	Electric Defrost Kit (High Amps)	1 Fan	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,242	1,242
DFT.007-3	Electric Defrost Kit (High Amps)	2 Fan	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,386	1,386
DFT.028	Electric Defrost Kit (Low Amps)	2 Fan Large	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,881	1,881
DFT.029	Electric Defrost Kit (High Amps)	2 Fan Large	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	2,706	2,706
DEF.066	Fuses for electric defrost kits	1 & 2 Fan	-	441	441
DEF.067	Fuses for electric defrost kits	2 Fan Large	-	441	441
EHR.001	Evaporator hold out relay	2 Fan Large	-	219	219
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836	836

3 - 22 HP Horizontal Air Discharge

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
50053301	8" Extended Legs	1 Fan & 2 Fan	-	417
59894901	12" Extended Legs	2 Fan Large	-	486
59898801	Hail Guards	1 Fan	-	445
59898901	Hail Guards	2 Fan	-	504
59896801	Hail Guards	2 Fan Large	-	564

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	291
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516

4 - 13 HP Horizontal Air Discharge

Overview



Product Description:

The 4-13 HP condensing unit product line with Bitzer® compressors feature an enhanced grill design that gives up to 40% more free-air than prior models and its vertical receiver needs less refrigerant to ensure a full column of liquid reaches the expansion valve. Fan motors and serviceable components are accessible via the front grill for quick service and the sight glass is conveniently placed so that charging is quick, easy and accurate. Thorough cleaning of the coil is easier because the unit's top is one piece and lighter for easy removal. A liquid base valve and suction service tap is placed on the outside of the cabinet for easy pump-downs and quick diagnosis. The footprint is smaller for easy jobsite placement. These condensing units utilize the Floating Tube™ design, which eliminates tube-sheet leaks, allowing a 5-year warranty against tube-sheet leaks. PSC motors come standard to help you save money

Opting for the Beacon II™ Refrigeration System with Smart Defrost, factory-installed Smart Defrost Kit™ (SDK), Variable Speed EC (VSEC) motor with Orbus™ Controller increases energy efficiency and qualifies this product for the **E Solutions™** product portfolio

Certifications



Cabinet & Construction

- All units feature the Floating Tube™ coil design, eliminating tube sheet leaks
- Painted steel cabinet for superior strength and corrosion resistance
- Enhanced grill design provides 25-40% increase in free-air area

Serviceability

- Manual pumpdown switch on all units
- Dual isolation valves on receiver
- Base valve and high/low pressure taps on outside of cabinet
- Removable grill for access to all serviceable parts
- Lighter, one-piece top is easily removed for improved serviceability

Quality

- Sight Glass is easily viewable
- Fixed high and adjustable low pressure switch
- Refrigeration duty, rifled copper condenser tubing
- Electrical box relocated outside of air stream (improved air flow)
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate braze joints where possible, to reduce leak potential

Components

Compressor

- Units feature Bitzer® semi-hermetic compressors.
- Available with compressor unloading

Other

- Crankcase heater and head pressure valve on all outdoor units
- Sight glass and permanent liquid line filter

Motors

- Available with Variable Speed EC Motors

Nomenclature

B	B	T	0601	L	6	C
Model	Compressor	Application	Equiv. HP	Operating Range	Refrigerant	Voltage
B = Bohn	B = Bitzer	T = Outdoor N = Indoor S = Beacon II™	0401 = 4HP 0551 = 5HP 0601 = 6HP 0611 = 6HP 0751 = 7.5HP 0901 = 9HP 1001 = 10HP 1201 = 12HP 1301 = 13HP	L = Low M = Medium	6 = R-404A/507	C = 208-230/3/60 D = 460/3/60 E = 575/3/60

4 - 13 HP Horizontal Air Discharge

Configurable Models Pricing

Configurable Models		
Outdoor (T) <ul style="list-style-type: none"> • Prepainted galvanized cabinet • Manual pump-down switch • Electronic oil failure switch • Spring mounted compressors with suction and discharge vibration eliminators • Head pressure control valve • Crankcase heater • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter • ServiceMate™ Diagnostic Module 	Indoor (N) <ul style="list-style-type: none"> • No cabinet hood • Fan guards & wiring conduit • Manual pump-down switch • Electronic oil failure switch • Spring mounted compressors with suction and discharge vibration eliminators • Crankcase heater • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter • ServiceMate™ Diagnostic Module 	Beacon II™ Outdoor (S) <ul style="list-style-type: none"> • Outdoor Unit with hood • Manual pump-down switch • Spring mounted compressors with suction and discharge vibration eliminators • Crankcase heater • Head pressure control valve • Wired for Beacon II™ control. Beacon II™ fan cycling for two fan units only • Fixed high and adjustable low pressure switches • Sight glass & permanent liquid-line filter
Need to customize? Look at the factory-installed options starting on page 138.		

Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Medium Temperature (R-404A/507)								
BBT0551M6C	23,410	BBN0551M6C	22,965	BBS0551M6C	24,687	208-230/3/60	2 Fan	-
BBT0551M6D	24,580	BBN0551M6D	24,113	BBS0551M6D	25,921	460/3/60	2 Fan	-
BBT0551M6E	25,071	BBN0551M6E	24,594	BBS0551M6E	26,439	575/3/60	2 Fan	-
BBT0751M6C	26,323	BBN0751M6C	25,822	BBS0751M6C	27,759	208-230/3/60	2 Fan	-
BBT0751M6D	27,639	BBN0751M6D	27,114	BBS0751M6D	29,147	460/3/60	2 Fan	-
BBT0751M6E	28,191	BBN0751M6E	27,654	BBS0751M6E	29,730	575/3/60	2 Fan	-
BBT0901M6C	31,195	BBN0901M6C	30,602	BBS0901M6C	32,896	208-230/3/60	2 Fan Large	-
BBT0901M6D	32,755	BBN0901M6D	32,132	BBS0901M6D	34,543	460/3/60	2 Fan Large	-
BBT0901M6E	33,409	BBN0901M6E	32,775	BBS0901M6E	35,233	575/3/60	2 Fan Large	-
BBT1001M6C	31,796	BBN1001M6C	31,193	BBS1001M6C	33,532	208-230/3/60	2 Fan Large	-
BBT1001M6D	33,386	BBN1001M6D	32,751	BBS1001M6D	35,208	460/3/60	2 Fan Large	-
BBT1001M6E	34,054	BBN1001M6E	33,407	BBS1001M6E	35,913	575/3/60	2 Fan Large	-
Low Temperature (R-404A/507)								
BBT0401L6C	21,917	BBN0401L6C	21,524	BBS0401L6C	22,880	208-230/3/60	1 Fan	-
BBT0401L6D	22,773	BBN0401L6D	22,363	BBS0401L6D	23,772	460/3/60	1 Fan	-
BBT0401L6E	23,234	BBN0401L6E	22,815	BBS0401L6E	24,252	575/3/60	1 Fan	-
BBT0551L6C	23,030	BBN0551L6C	22,617	BBS0551L6C	24,041	208-230/3/60	1 Fan	-
BBT0551L6D	23,929	BBN0551L6D	23,497	BBS0551L6D	24,979	460/3/60	1 Fan	-
BBT0551L6E	24,413	BBN0551L6E	23,973	BBS0551L6E	25,483	575/3/60	1 Fan	-
BBT0601L6C	27,633	BBN0601L6C	27,135	BBS0601L6C	28,844	208-230/3/60	2 Fan	-
BBT0601L6D	28,710	BBN0601L6D	28,193	BBS0601L6D	29,970	460/3/60	2 Fan	-
BBT0601L6E	29,290	BBN0601L6E	28,764	BBS0601L6E	30,575	575/3/60	2 Fan	-
BBT0611L6C	28,299	BBN0611L6C	27,789	BBS0611L6C	29,539	208-230/3/60	2 Fan	-
BBT0611L6D	29,402	BBN0611L6D	28,874	BBS0611L6D	30,693	460/3/60	2 Fan	-
BBT0611L6E	29,997	BBN0611L6E	29,457	BBS0611L6E	31,312	575/3/60	2 Fan	-
BBT0751L6C	29,512	BBN0751L6C	28,981	BBS0751L6C	30,806	208-230/3/60	2 Fan	-
BBT0751L6D	30,663	BBN0751L6D	30,110	BBS0751L6D	32,007	460/3/60	2 Fan	-

Section 2

4 - 13 HP Horizontal Air Discharge

Configurable Models Pricing

Outdoor (T)		Indoor (N)		Beacon II™ Outdoor (S)		Voltage	Cabinet	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
BBT0751L6E	31,283	BBN0751L6E	30,720	BBS0751L6E	32,655	575/3/60	2 Fan	-
BBT1001L6C	33,713	BBN1001L6C	33,106	BBS1001L6C	35,191	208-230/3/60	2 Fan	-
BBT1001L6D	35,027	BBN1001L6D	34,397	BBS1001L6D	36,565	460/3/60	2 Fan	-
BBT1001L6E	35,735	BBN1001L6E	35,093	BBS1001L6E	37,304	575/3/60	2 Fan	-
BBT1201L6C	34,414	BBN1201L6C	33,794	BBS1201L6C	35,924	208-230/3/60	2 Fan Large	-
BBT1201L6D	35,756	BBN1201L6D	35,112	BBS1201L6D	37,325	460/3/60	2 Fan Large	-
BBT1201L6E	36,478	BBN1201L6E	35,822	BBS1201L6E	38,079	575/3/60	2 Fan Large	-
BBT1301L6C	35,954	BBN1301L6C	35,308	BBS1301L6C	37,531	208-230/3/60	2 Fan Large	-
BBT1301L6D	37,357	BBN1301L6D	36,684	BBS1301L6D	38,996	460/3/60	2 Fan Large	-
BBT1301L6E	38,112	BBN1301L6E	37,426	BBS1301L6E	39,784	575/3/60	2 Fan Large	-

4 - 13 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	Beacon II™ Outdoor (S)
Electrical Options						
DFT.001	Defrost Timer - Air	All M6	Medium temperature applications only.	540	540	-
SW.007	Adjustable high pressure switch w/ manual reset & adjustable low pressure switch	All	-	381	381	381
SW.002	Dual pressure control with adjustable high & low pressure settings	All	Standard heated and insulated receiver kit option can't be used with this option. Contact factory	149	149	-
FSD.001-3	Mounted fused disconnect	1 Fan (230V)	-	1,023	-	1,023
FSD.001-4	Variable Speed EC Motor with Orbus Controller	1 Fan (460V)	-	2,657	-	2,657
FSD.001-5	Mounted fused disconnect	2 Fan (230V)	-	1,797	-	1,797
FSD.001-6	Variable Speed EC Motor with Orbus Controller	2 Fan (460V)	Not suitable for 2 Fan Large (460V) Units (901M6 - 1001M6, 1201L6 - 1301L6)	3,605	-	3,605
FSD.001-7	Mounted fused disconnect	2 Fan Large (230V)	-	2,471	-	2,471
FSD.001-8	Mounted fused disconnect	2 Fan Large (460V)	-	3,385	-	3,385
PLM.001	Phase Loss Monitor	All	-	1,109	1,109	1,109
FCY.002-1	Fan Cycling - Temperature & Pressure	1 Fan	-	385	-	Press. Std.
FCY.014	Fan Cycling - Temperature & Pressure	2 Fan	-	534	-	Press. Std.
FCY.002-2	Fan Cycling - Temperature & Pressure	2 Fan Large	-	534	-	Press. Std.
ELC.007-1	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 230V	-	2,307	2,307	-
ELC.007-2	Circuit Breakers (Compressor, Control & Fan)	2 Fan Large - 460V	-	3,503	3,503	-
CFS.001	Compressor Fusing	2 Fan Large	-	398	398	398
ELC.008-2	NEMA Contactors	2 Fan Large - 230V	-	2,109	2,109	-
ELC.008-1	NEMA Contactors	2 Fan Large - 460V	-	1,223	1,223	-
MS.001-1	Variable Speed EC Motor with Orbus Controller	1 Fan (208-230/3/60)	-	1,065	-	1,065
MS.001-2	Variable Speed EC Motor with Orbus Controller	2 Fan (208-230/3/60)	Not suitable for 2 Fan Large (230V) Units (901M6 - 1001M6, 1201L6 - 1301L6)	1,890	-	1,890
MS.001-3	Variable Speed EC Motor with Orbus Controller	2 Fan Large (230V)	-	N/A	-	N/A
MS.001-4	Variable Speed EC Motor with Orbus Controller	1 Fan (460V)	-	2,657	-	2,657
MS.001-5	Variable Speed EC Motor with Orbus Controller	2 Fan (460V)	Not suitable for 2 Fan Large (460V) Units (901M6 - 1001M6, 1201L6 - 1301L6)	3,605	-	3,605
MS.001-6	Variable Speed EC Motor with Orbus Controller	2 Fan Large (460V)	-	N/A	-	N/A

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

4 - 13 HP Horizontal Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)		
				Outdoor (T)	Indoor (N)	Beacon II™ Outdoor (S)
Mechanical Options						
LIQ.003	Replaceable core liquid-line filter drier & sight glass	All	-	457	457	457
LIQ.002-1	Liquid-line solenoid valve	1 Fan	Not recommended on applications with line runs more than 25 feet.	598	598	-
LIQ.002-2	Liquid-line solenoid valve	2 Fan	Not recommended on applications with line runs more than 25 feet.	672	672	-
LIQ.002-3	Liquid-line solenoid valve	2 Fan Large	Not recommended on applications with line runs more than 25 feet.	920	920	-
SUC.003-1	Suction-line filter	1 Fan	-	457	457	457
SUC.003-2	Suction-line filter	2 Fan	-	777	777	777
SUC.003-3	Suction-line filter	2 Fan Large	-	1,240	1,240	1,240
SUC.005-1	Replaceable core suction-line filter	1 Fan	-	879	879	879
SUC.005-2	Replaceable core suction-line filter	2 Fan	-	1,199	1,199	1,199
SUC.005-3	Replaceable core suction-line filter	2 Fan Large	-	1,623	1,623	1,623
SUC.007-1	Suction accumulator	1 Fan	-	703	703	703
SUC.007-2	Suction accumulator	2 Fan	-	1,093	1,093	1,093
SUC.007-3	Suction accumulator	2 Fan Large	-	2,649	2,649	2,649
DIS.004-1	Head pressure control valve - 180psi fixed	1 & 2 Fan	-	Standard	343	Standard
DIS.004-2	Head pressure control valve - adjustable	2 Fan Large	-	Standard	1,164	Standard
DIS.001-1	Oil separator with discharge line check valve	1 Fan	-	1,272	1,272	1,272
DIS.001-2	Oil separator with discharge line check valve	2 Fan	-	1,343	1,343	1,343
DIS.001-3	Oil separator with discharge line check valve	2 Fan Large	-	1,589	1,589	1,589
UNL.001	Compressor Unloading (One Step)	All	-	2,193	2,193	-
REC.010-3	Oversized receiver	1 Fan	R-22 = 60 lbs.; R-404A/507 = 52 lbs.	1,198	1,198	1,198
REC.010-2	Oversized receiver	2 Fan	R-22 = 90 lbs.; R-404A/507 = 78 lbs.	596	596	596
REC.010-1	Oversized receiver	2 Fan Large	See technical bulletin for Volumes	368	368	368
LOW.001-1	Heated & Insulated receiver with low pressure cut-out time delay	1 & 2 Fan	-	769	-	769
LOW.001-2	Heated & Insulated receiver with low pressure cut-out time delay	2 Fan Large	-	1,028	-	1,028
LVR.001-1	Louvered guard for snowbelt regions	1 Fan	-	1,164	-	1,164
LVR.001-2	Louvered guard for snowbelt regions	2 Fan	-	1,326	-	1,326
Coil Options						
CS.PRO-1	BohnGuard™ condenser fin protection	1 Fan	-	1,194	1,194	1,194
CS.PRO-2	BohnGuard™ condenser fin protection	2 Fan	-	1,650	1,650	1,650
CS.PRO-3	BohnGuard™ condenser fin protection	2 Fan Large	-	2,318	2,318	2,318
CS.CPR-1	Copper condenser fins	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.CPR-3	Copper condenser fins	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.ELEC-1	ElectroFin coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	1 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	2 Fan	-	Call Factory	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	2 Fan Large	-	Call Factory	Call Factory	Call Factory

4 - 13 HP Horizontal Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2 For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.

3 Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor (T)	Indoor (N)
DFT.KIT	Electric Defrost Kit	All	Includes (1) electric defrost timer, (1) heater contactor (48 amp maximum heater load), (1) fan contactor, terminal strip, and fusing	1,828	1,828
DFT.CHR	Additional Heater Contactor and hold out relay	All	48 amp maximum heater load per heater contactor. Can only have a maximum of 2 heater contactors per unit.	661	661
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836	836

4 - 13 HP Horizontal Air Discharge

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
50053301	8" Extended Legs	1 Fan & 2 Fan	-	417
59894901	12" Extended Legs	2 Fan Large	-	486
59898801	Hail Guards	1 Fan	-	445
59898901	Hail Guards	2 Fan	-	504
59896801	Hail Guards	2 Fan Large	-	564

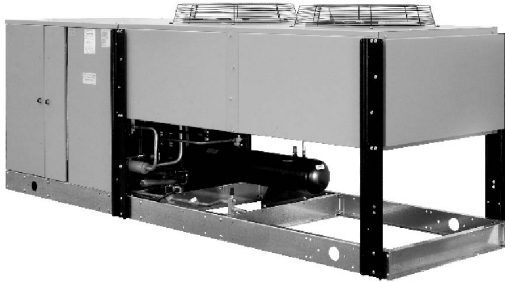
Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	291
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516

12 - 40 HP Vertical Air Discharge

Overview



Product Description

The 12-40 HP vertical condensing units are designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides reliability against tube sheet leaks.

Opting for the Beacon II™ refrigeration system with Smart Defrost, Factory installed Smart Defrost Kit™ (SDK) or Variable Speed EC motors increases this products energy efficiency and qualifies it for the **E Solutions™** product portfolio.

Certifications



Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinet for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight Glass is easily viewable
- Fixed high and adjustable low pressure switch
- Refrigeration duty, rifled copper condenser tubing
- Piping is laid out to minimize stress and vibration and is pre-bent to eliminate braze joints where possible to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate subcooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-Beacon™ condensing units

Components

Compressor

- Spring-mounted compressors with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves.

Other

- Sight glass and permanent liquid line filter

Motors

- Available with Variable Speed EC Motors

Nomenclature

B	D	V	S	1501	H	6	C
Model	Compressor	Style	Beacon II™	Equiv. HP	Operating Range	Refrigerant	Voltage
B = Bohn	D = Discus® L = Limitizer	V = Vertical	S = Beacon II™ No "S" = non-Beacon II™	1200/1201 = 12HP 1500/1501 = 15HP 2000/2001 = 20HP 2200/2201 = 22HP 2500/2501 = 25HP 2600 = 25HP 2700/2701 = 27HP 3000/3001 = 30HP 3500/3501 = 35HP 3505 = 35HP 4000/4001 = 40HP	H = High L = Low M = Medium	6 = R-404A/507, or R-22	C = 208-230/3/60 (200-220/3/50) D = 460/3/60 (380-420/3/50) K = 230/3/60 (220/3/50) E = 575/3/60

12 - 40 HP Vertical Air Discharge

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- ServiceMate™ Diagnostic Module

Beacon II™ Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Wired for Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 146.

Outdoor		Beacon II™ Outdoor		Voltage	Model Type	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Standard Models: Medium Temperature (R-404A/507/22)						
BLV1500M6C	36,817	BDVS1500M6C	39,526	208-230/3/60	Standard	-
BLV1500M6D	37,545	BDVS1500M6D	40,253	460/3/60	Standard	-
BLV1500M6E	38,294	BDVS1500M6E	41,057	575/3/60	Standard	-
BLV2000M6C	40,969	BDVS2000M6C	43,676	208-230/3/60	Standard	-
BLV2000M6D	41,696	BDVS2000M6D	44,405	460/3/60	Standard	-
BLV2000M6E	42,531	BDVS2000M6E	45,291	575/3/60	Standard	-
BLV2500M6C	48,881	BDVS2500M6C	51,590	208-230/3/60	Standard	-
BLV2500M6D	49,607	BDVS2500M6D	52,317	460/3/60	Standard	-
BLV2500M6E	50,599	BDVS2500M6E	53,363	575/3/60	Standard	-
BLV2600M6C	54,901	BDVS2600M6C	57,608	208-230/3/60	Standard	-
BLV2600M6D	55,626	BDVS2600M6D	58,339	460/3/60	Standard	-
BLV2600M6E	56,740	BDVS2600M6E	59,505	575/3/60	Standard	-
BLV3000M6C	57,329	BDVS3000M6C	60,039	208-230/3/60	Standard	-
BLV3000M6D	58,058	BDVS3000M6D	60,765	460/3/60	Standard	-
BLV3000M6E	59,218	BDVS3000M6E	61,979	575/3/60	Standard	-
BLV3500M6C	64,892	BDVS3500M6C	67,926	208-230/3/60	Standard	-
BLV3500M6D	65,490	BDVS3500M6D	68,527	460/3/60	Standard	-
BLV3500M6E	66,802	BDVS3500M6E	69,897	575/3/60	Standard	-
BLV4000M6D	72,571	BDVS4000M6D	75,602	460/3/60	Standard	-
BLV4000M6K	71,595	BDVS4000M6K	74,629	230/3/60	Standard	-
BLV4000M6E	74,021	BDVS4000M6E	77,114	575/3/60	Standard	-
Standard Models: Low Temperature (R-404A/507/22)						
BLV1200L6C	37,753	BDVS1200L6C	40,458	208-230/3/60	Standard	See Note 2
BLV1200L6D	38,484	BDVS1200L6D	41,191	460/3/60	Standard	See Note 2
BLV1200L6E	39,251	BDVS1200L6E	42,016	575/3/60	Standard	See Note 2

Notes:

1. High Efficiency Models come with an oversized condenser.
2. For R-22 low temperature operation, add Demand Cooling Kit.

12 - 40 HP Vertical Air Discharge

Configurable Models Pricing

Outdoor		Beacon II™ Outdoor		Voltage	Model Type	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
BLV1500L6C	39,519	BDVS1500L6C	42,226	208-230/3/60	Standard	See Note 2
BLV1500L6D	40,247	BDVS1500L6D	42,955	460/3/60	Standard	See Note 2
BLV1500L6E	41,053	BDVS1500L6E	43,814	575/3/60	Standard	See Note 2
BLV2200L6C	46,380	BDVS2200L6C	49,090	208-230/3/60	Standard	See Note 2
BLV2200L6D	47,109	BDVS2200L6D	49,816	460/3/60	Standard	See Note 2
BLV2200L6E	48,050	BDVS2200L6E	50,812	575/3/60	Standard	See Note 2
BLV2700L6C	53,308	BDVS2700L6C	56,013	208-230/3/60	Standard	See Note 2
BLV2700L6D	54,034	BDVS2700L6D	56,742	460/3/60	Standard	See Note 2
BLV2700L6E	55,115	BDVS2700L6E	57,877	575/3/60	Standard	See Note 2
BLV3000L6C	59,149	BDVS3000L6C	61,855	208-230/3/60	Standard	See Note 2
BLV3000L6D	59,875	BDVS3000L6D	62,583	460/3/60	Standard	See Note 2
BLV3000L6E	61,074	BDVS3000L6E	63,835	575/3/60	Standard	See Note 2
High Efficiency Models: High Temperature (R-404A/507/22)						
BLV1501H6C	40,718	BDVS1501H6C	43,428	208-230/3/60	High Efficiency	See Note 1
BLV1501H6D	41,447	BDVS1501H6D	44,155	460/3/60	High Efficiency	See Note 1
BLV1501H6E	42,277	BDVS1501H6E	45,040	575/3/60	High Efficiency	See Note 1
BLV2001H6C	42,927	BDVS2001H6C	45,637	208-230/3/60	High Efficiency	See Note 1
BLV2001H6D	43,657	BDVS2001H6D	46,362	460/3/60	High Efficiency	See Note 1
BLV2001H6E	44,531	BDVS2001H6E	47,289	575/3/60	High Efficiency	See Note 1
BLV2501H6C	60,490	BDVS2501H6C	63,525	208-230/3/60	High Efficiency	See Note 1
BLV2501H6D	61,287	BDVS2501H6D	64,319	460/3/60	High Efficiency	See Note 1
BLV2501H6E	62,511	BDVS2501H6E	65,606	575/3/60	High Efficiency	See Note 1
BLV3001H6C	63,129	BDVS3001H6C	66,165	208-230/3/60	High Efficiency	See Note 1
BLV3001H6D	63,859	BDVS3001H6D	66,890	460/3/60	High Efficiency	See Note 1
BLV3001H6E	65,135	BDVS3001H6E	68,229	575/3/60	High Efficiency	See Note 1
BLV3501H6C	78,937	BDVS3501H6C	82,255	208-230/3/60	High Efficiency	See Note 1
BLV3501H6D	79,663	BDVS3501H6D	82,985	460/3/60	High Efficiency	See Note 1
BLV3501H6E	81,258	BDVS3501H6E	84,645	575/3/60	High Efficiency	See Note 1
BLV4001H6K	79,821	BDVS4001H6K	83,143	230/3/60	High Efficiency	See Note 1
BLV4001H6D	80,548	BDVS4001H6D	83,868	460/3/60	High Efficiency	See Note 1
BLV4001H6E	82,159	BDVS4001H6E	85,548	575/3/60	High Efficiency	See Note 1
High Efficiency Models: Low Temperature (R-404A/507/22)						
BLV1201L6C	39,404	BDVS1201L6C	42,112	208-230/3/60	High Efficiency	See Note 1, 2
BLV1201L6D	40,134	BDVS1201L6D	42,843	460/3/60	High Efficiency	See Note 1, 2
BLV1201L6E	40,937	BDVS1201L6E	43,700	575/3/60	High Efficiency	See Note 1, 2
BLV1501L6C	42,339	BDVS1501L6C	45,049	208-230/3/60	High Efficiency	See Note 1, 2
BLV1501L6D	43,067	BDVS1501L6D	45,773	460/3/60	High Efficiency	See Note 1, 2
BLV1501L6E	43,927	BDVS1501L6E	46,687	575/3/60	High Efficiency	See Note 1, 2
BLV2201L6C	49,290	BDVS2201L6C	51,997	208-230/3/60	High Efficiency	See Note 1, 2
BLV2201L6D	50,020	BDVS2201L6D	52,729	460/3/60	High Efficiency	See Note 1, 2

Notes:

1. High Efficiency Models come with an oversized condenser.
2. For R-22 low temperature operation, add Demand Cooling Kit.

12 - 40 HP Vertical Air Discharge

Configurable Models Pricing

Outdoor		Beacon II™ Outdoor		Voltage	Model Type	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
BLV2201L6E	51,020	BDVS2201L6E	53,785	575/3/60	High Efficiency	See Note 1, 2
BLV2701L6C	59,255	BDVS2701L6C	62,288	208-230/3/60	High Efficiency	See Note 1, 2
BLV2701L6D	59,981	BDVS2701L6D	63,014	460/3/60	High Efficiency	See Note 1, 2
BLV2701L6E	61,181	BDVS2701L6E	64,273	575/3/60	High Efficiency	See Note 1, 2
BLV3001L6C	62,546	BDVS3001L6C	65,578	208-230/3/60	High Efficiency	See Note 1, 2
BLV3001L6D	63,274	BDVS3001L6D	66,304	460/3/60	High Efficiency	See Note 1, 2
BLV3001L6E	64,541	BDVS3001L6E	67,633	575/3/60	High Efficiency	See Note 1, 2
BLV1201L6C	39,404	BDVS1201L6C	42,112	208-230/3/60	High Efficiency	See Note 1, 2
BLV1201L6D	40,134	BDVS1201L6D	42,843	460/3/60	High Efficiency	See Note 1, 2
BLV1201L6E	40,937	BDVS1201L6E	43,700	575/3/60	High Efficiency	See Note 1, 2
BLV1501L6C	42,339	BDVS1501L6C	45,049	208-230/3/60	High Efficiency	See Note 1, 2
BLV1501L6D	43,067	BDVS1501L6D	45,773	460/3/60	High Efficiency	See Note 1, 2
BLV1501L6E	43,927	BDVS1501L6E	46,687	575/3/60	High Efficiency	See Note 1, 2
BLV2201L6C	49,290	BDVS2201L6C	51,997	208-230/3/60	High Efficiency	See Note 1, 2
BLV2201L6D	50,020	BDVS2201L6D	52,729	460/3/60	High Efficiency	See Note 1, 2
BLV2201L6E	51,020	BDVS2201L6E	53,785	575/3/60	High Efficiency	See Note 1, 2
BLV2701L6C	59,255	BDVS2701L6C	62,288	208-230/3/60	High Efficiency	See Note 1, 2
BLV2701L6D	59,981	BDVS2701L6D	63,014	460/3/60	High Efficiency	See Note 1, 2
BLV2701L6E	61,181	BDVS2701L6E	64,273	575/3/60	High Efficiency	See Note 1, 2
BLV3001L6C	62,546	BDVS3001L6C	65,578	208-230/3/60	High Efficiency	See Note 1, 2
BLV3001L6D	63,274	BDVS3001L6D	66,304	460/3/60	High Efficiency	See Note 1, 2
BLV3001L6E	64,541	BDVS3001L6E	67,633	575/3/60	High Efficiency	See Note 1, 2

Notes:

1. High Efficiency Models come with an oversized condenser.
2. For R-22 low temperature operation, add Demand Cooling Kit.

12 - 40 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
Electrical Options					
DFT.001	Defrost Timer - Air	All	Medium temperature applications only.	540	-
FCY.001-1	Fan Cycling - Temperature	1200-3000 Standard Models 1201-2201 High Efficiency Models	Fan closest to the header is not cycled.	1,716	-
FCY.001-2	Fan Cycling - Temperature	3500-4000 Standard Models 2501-3001 High Efficiency Models	Fan closest to the header is not cycled.	2,044	-
FCY.001-3	Fan Cycling - Temperature	3501-4001 High Efficiency Models	Fan closest to the header is not cycled.	2,330	-
FCY.002-1	Fan Cycling - Pressure	1200-3000 Standard Models 1201-2201 High Efficiency Models	Fan closest to the header is not cycled.	1,716	Standard
FCY.002-2	Fan Cycling - Pressure	3500-4000 Standard Models 2501-3001 High Efficiency Models	Fan closest to the header is not cycled.	2,044	Standard
FCY.002-3	Fan Cycling - Pressure	3501-4001 High Efficiency Models	Fan closest to the header is not cycled.	2,330	Standard
FSD.001-1	Fused Disconnect	1200-2701 (230V)	-	1,633	1,633
FSD.001-2	Fused Disconnect	1200-2701 (460V)	-	2,379	2,379
FSD.001-3	Fused Disconnect	3000-4001 (460V)	-	3,464	3,464
NFD.008-1	Non-Fused Disconnect	1200-2701 (230V)	-	1,532	1,532
NFD.008-2	Non-Fused Disconnect	1200-2701 (460V)	-	2,206	2,206
NFD.008-3	Non-Fused Disconnect	3000-4001 (460V)	-	3,227	3,227
CBK.002-2	Compressor Circuit Breaker	230V	-	2,534	2,534
CBK.002-1	Compressor Circuit Breaker	460V	-	1,177	1,177
PLM.00X	Phase Loss Monitor	230V & 460V	-	1,109	1,109
TDR.002	Anti-short Cycling Timer	All	-	640	640
HPS.001	Manual Reset High Pressure Switch	All	-	306	306
MS.0012D	Variable Speed EC Motor with proportional pressure controller	1500-2500M6 Standard Models (230V & 460V) 1200-2700L6 Standard Models (230V & 460V) 1201L6-2201L6 High Efficiency Models (230V & 460V)	-	15,094	15,094

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

12 - 40 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
MS.0012L	Variable Speed EC Motor with proportional pressure controller	1500-2500M6 Standard Models (230V & 460V) 1200-2700L6 Standard Models (230V & 460V) 1201L6-2201L6 High Efficiency Models (230V & 460V)	-	18,372	18,372
MS.0013L	Variable Speed EC Motor with proportional pressure controller	3500-4000M6 Standard Models (230V & 460V) 2501-3001H6 High Efficiency Models (230V & 460V)	-	26,512	26,512
MS.0014L	Variable Speed EC Motor with proportional pressure controller	3501-4001H6 High Efficiency Models (230V & 460V)	-	34,652	34,652
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter drier & sight glass	1200-2201	-	457	457
LIQ.003-2	Replaceable core liquid-line filter drier & sight glass	2500-4001	-	672	672
LIQ.002-1	Liquid-line solenoid valve	1200-2201	Not recommended on applications with line runs more than 25 feet.	920	-
LIQ.002-2	Liquid-line solenoid valve	2500-4001	Not recommended on applications with line runs more than 25 feet.	987	-
SUC.003-1	Suction-line filter	1200-2001	-	1,240	1,240
SUC.003-2	Suction-line filter	2200-4001	-	1,588	1,588
SUC.005-1	Replaceable core suction-line filter	1200-2001	-	1,622	1,622
SUC.005-2	Replaceable core suction-line filter	2200-4001	-	1,694	1,694
SUC.007-1	Suction accumulator	1200-2001	-	2,649	2,649
SUC.007-2	Suction accumulator	2200-4001	-	3,039	3,039
DIS.001-1	Oil separator with discharge line check valve	1200-3001	-	1,588	1,588
DIS.001-2	Oil separator with discharge line check valve	3500-4001	-	2,685	2,685
MUF.001	Discharge muffler	All	-	450	450
DIS.002-1	Three way heat reclaim valve with check valve installed	1200-2000	-	1,640	1,640
DIS.002-2	Three way heat reclaim valve with check valve installed	2001-4001	-	2,403	2,403

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

12 - 40 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All	-	1,630	-
DMD.001	Demand Cooling for low temperature R-22	1200-3001L6	-	2,298	2,298
REC.001-1	Low Ambient kit with heated and insulated receiver and time delay relay	1200-3001	-	2,509	2,509
REC.001-2	Low Ambient kit with heated and insulated receiver and time delay relay	3500-4001	-	3,296	3,296
Coil Options					
CS.PRO-1	BohnGuard™ condenser fin protection	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	1,930	1,930
CS.PRO-2	BohnGuard™ condenser fin protection	2501-3001 High Efficiency Models	-	2,424	2,424
CS.PRO-3	BohnGuard™ condenser fin protection	3500-4000 Standard Models	-	2,471	2,471
CS.PRO-4	BohnGuard™ condenser fin protection	3501-4001 High Efficiency Models	-	3,464	3,464
CS.ELEC-1	ElectroFin coil coating	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	2501-3001 High Efficiency Models	-	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	3500-4000 Standard Models	-	Call Factory	Call Factory
CS.ELEC-4	ElectroFin coil coating	3501-4001 High Efficiency Models	-	Call Factory	Call Factory
CS.CPR-1	Copper condenser fins	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	2501-3001 High Efficiency Models	-	Call Factory	Call Factory
CS.CPR-3	Copper condenser fins	3500-4000 Standard Models	-	Call Factory	Call Factory
CS.CPR-4	Copper condenser fins	3501-4001 High Efficiency Models	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	1200-3000 Standard Models 1201-2201 High Efficiency Models	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	2501-3001 High Efficiency Models	-	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	3500-4000 Standard Models	-	Call Factory	Call Factory
CS.BRZ-4	Bronz-Glow coil coating	3501-4001 High Efficiency Models	-	Call Factory	Call Factory

Section 2

12 - 40 HP Vertical Air Discharge Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.

3

Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.014	Electric Defrost Kit for system with one evaporator - Low Amps (1L)	1200-2201L6 (230V) 1500-2001M6 (460V & 575V) 1200-3001L6 (460V & 575V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	1,760
DFT.015	Electric Defrost Kit for system with one evaporator - Low Amps (1L)	1200-2201L6 (230V) 1500-2001M6 (460V & 575V) 1200-3001L6 (460V & 575V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	1,760
DFT.011	Electric Defrost Kit for system with two evaporators - Low Amps (2L)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	2,534
DFT.012	Electric Defrost Kit for system with two evaporators - High Amps (2H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	2,534
DFT.009	Electric Defrost Kit for system with up to four evaporators - Low Amps (4L)	1500-4001M6 (all voltages) 1500-3001L6 (all voltages)	Includes (1) electric defrost timer, (4) heater & (1) fan contactors, terminal strip	3,304
DFT.010	Electric Defrost Kit for system with up to four evaporators - High Amps (4H)	1500-4001M6 (all voltages) 1500-3001L6 (all voltages)	Includes (1) electric defrost timer, (4) heater & (1) fan contactors, terminal strip	3,304

12 - 40 HP Vertical Air Discharge Factory-Installed Electric Defrost Options

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DEF.017	Fuses for electric defrost kits (1L/1H)	1200-2201L6 (230V) 1500-2001M6 (460V & 575V) 1200-3001L6 (460V & 575V)	For systems with one evaporator	441
DEF.039	Fuses for electric defrost kits (2L/2H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For systems with two evaporators	881
DEF.052	Fuses for electric defrost kits (4L/4H)	1500-4001M6 (all voltages) 1500-3001L6 (all voltages)	For systems with up to four evaporators	1,767
EHR.001	Evaporator hold out relays - 2 Evaps & 2 Contactors (2L/2H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For use with 2L/2H Electric Defrost Kits with two evaporators	340
EHR.002	Evaporator hold out relays - 2 Evaps & 4 Contactors (4L/4H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For use with 4L/4H Electric Defrost Kits with only two evaporators	340
EHR.003	Evaporator hold out relays - 4 Evaps & 4 Contactors (4L/4H)	1500-2001M6 (230V) 1500-4001M6 (460V & 575V) 1200-3001L6 (230V, 460V, 575V)	For use with 4L/4H Electric Defrost Kits with four evaporators	680
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836

12 - 40 HP Vertical Air Discharge Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

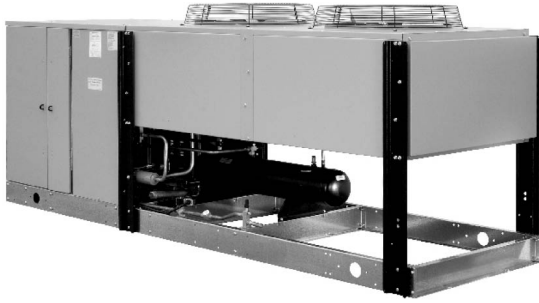
Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516
2 1/8"	29399089	2,885

13 - 50 HP Vertical Air Discharge

Overview



Product Description

The 13-50 HP condensing unit product line with Bitzer® compressors is designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides protection against tube sheet leaks.

Opting for the Beacon II™ refrigeration system with Smart Defrost, Factory installed Defrost Kit™ (SDK) or Variable Speed EC motors increases this product's energy efficiency and qualifies it for the **E Solutions™** product portfolio

Certifications



Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinets for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper tubing
- Piping is pre-bent to eliminate braze joints, where possible, to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate sub-cooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-Beacon™ condensing units

Components

Compressor

- Units feature Bitzer® semi-hermetic compressors.
- Available with compressor unloading
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sight glass and permanent liquid line filter

Nomenclature

B	L	V	300B	L	6	C
Model	Head Pressure Control	Style	Equiv. HP	Operating Range	Refrigerant	Voltage
B = Bohn	L = Limitizer® D = Beacon II™	V = Vertical VS = Vertical Beacon II™	130B = 13HP 150B = 15HP 200B = 20HP 220B = 22HP 250B = 25HP 300B = 30HP 330B = 33HP 350B = 35HP 400B = 40HP 500B = 50HP	L = Low M = Medium	6 = R-404A/507	C = 208-230/3/60 D = 460/3/60 E = 575/3/60

13 - 50 HP Vertical Air Discharge

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Crankcase heater
- ServiceMate™ Diagnostic Module

Beacon II™ Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Adjustable flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Crankcase heater
- Wired for Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 153.

Outdoor		Beacon II™ Outdoor		Voltage
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	
Medium Temperature R-404A/507				
BLV150BM6C	36,817	BDVS150BM6C	38,621	208-230/3/60
BLV150BM6D	37,258	BDVS150BM6D	39,084	460/3/60
BLV150BM6E	37,995	BDVS150BM6E	39,857	575/3/60
BLV200BM6C	42,927	BDVS200BM6C	45,031	208-230/3/60
BLV200BM6D	43,441	BDVS200BM6D	45,571	460/3/60
BLV200BM6E	44,300	BDVS200BM6E	46,472	575/3/60
BLV220BM6C	48,881	BDVS220BM6C	51,275	208-230/3/60
BLV220BM6D	49,468	BDVS220BM6D	51,891	460/3/60
BLV220BM6E	50,445	BDVS220BM6E	52,916	575/3/60
BLV250BM6C	54,901	BDVS250BM6C	57,590	208-230/3/60
BLV250BM6D	55,560	BDVS250BM6D	58,284	460/3/60
BLV250BM6E	56,658	BDVS250BM6E	59,434	575/3/60
BLV300BM6C	57,933	BDVS300BM6C	60,772	208-230/3/60
BLV300BM6D	58,628	BDVS300BM6D	61,502	460/3/60
BLV300BM6E	59,787	BDVS300BM6E	62,717	575/3/60
BLV330BM6C	64,892	BDVS330BM6C	68,072	208-230/3/60
BLV330BM6D	65,671	BDVS330BM6D	68,888	460/3/60
BLV330BM6E	66,970	BDVS330BM6E	70,250	575/3/60
BLV350BM6C	72,571	BDVS350BM6C	76,125	208-230/3/60
BLV350BM6D	73,441	BDVS350BM6D	77,040	460/3/60
BLV350BM6E	74,892	BDVS350BM6E	78,562	575/3/60
BLV400BM6C	79,811	BDVS400BM6C	83,721	208-230/3/60
BLV400BM6D	80,770	BDVS400BM6D	84,727	460/3/60
BLV400BM6E	82,364	BDVS400BM6E	86,401	575/3/60

Outdoor		Beacon II™ Outdoor		Voltage
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)	
BLV500BM6C	91,793	BDVS500BM6C	96,292	208-230/3/60
BLV500BM6D	92,895	BDVS500BM6D	97,446	460/3/60
BLV500BM6E	94,730	BDVS500BM6E	99,373	575/3/60
Low Temperature R-404A/507				
BLV130BL6C	38,077	BDVS130BL6C	40,095	208-230/3/60
BLV130BL6D	38,610	BDVS130BL6D	40,656	460/3/60
BLV130BL6E	39,372	BDVS130BL6E	41,459	575/3/60
BLV150BL6C	42,339	BDVS150BL6C	44,584	208-230/3/60
BLV150BL6D	42,932	BDVS150BL6D	45,208	460/3/60
BLV150BL6E	43,779	BDVS150BL6E	46,100	575/3/60
BLV200BL6C	49,290	BDVS200BL6C	51,903	208-230/3/60
BLV200BL6D	49,981	BDVS200BL6D	52,630	460/3/60
BLV200BL6E	50,966	BDVS200BL6E	53,668	575/3/60
BLV220BL6C	53,406	BDVS220BL6C	56,237	208-230/3/60
BLV220BL6D	54,152	BDVS220BL6D	57,024	460/3/60
BLV220BL6E	55,221	BDVS220BL6E	58,148	575/3/60
BLV250BL6C	59,255	BDVS250BL6C	62,395	208-230/3/60
BLV250BL6D	60,085	BDVS250BL6D	63,269	460/3/60
BLV250BL6E	61,270	BDVS250BL6E	64,517	575/3/60
BLV300BL6C	62,546	BDVS300BL6C	65,860	208-230/3/60
BLV300BL6D	63,420	BDVS300BL6D	66,782	460/3/60
BLV300BL6E	64,672	BDVS300BL6E	68,098	575/3/60
BLV400BL6C	72,571	BDVS400BL6C	76,417	208-230/3/60
BLV400BL6D	73,586	BDVS400BL6D	77,486	460/3/60
BLV400BL6E	75,037	BDVS400BL6E	79,014	575/3/60

13 - 50 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
Electrical Options					
DFT.001	Defrost Timer - Air	All M6	Medium temperature applications only.	540	-
FCY.001-1	Fan Cycling - Temperature	130B-250B	Fan closest to the header is not cycled.	1,716	-
FCY.001-2	Fan Cycling - Temperature	300B-350B	Fan closest to the header is not cycled.	2,044	-
FCY.001-3	Fan Cycling - Temperature	400B-500B	Fan closest to the header is not cycled.	2,330	-
FCY.002-1	Fan Cycling - Pressure	130B-250B	Fan closest to the header is not cycled.	1,716	Press. Std.
FCY.002-2	Fan Cycling - Pressure	300B-350B	Fan closest to the header is not cycled.	2,044	Press. Std.
FCY.002-3	Fan Cycling - Pressure	400B-500B	Fan closest to the header is not cycled.	2,330	Press. Std.
FSD.001-1	Fused Disconnect	130B-220B (230V)	-	1,633	1,633
FSD.001-2	Fused Disconnect	130B-250B (460V) 300B only (230V)	-	2,379	2,379
FSD.001-3	Fused Disconnect	300B-400B (460V)	-	3,464	3,464
NFD.008-1	Non-Fused Disconnect	130B-250B (230V)	-	1,532	1,532
NFD.008-2	Non-Fused Disconnect	130B-250B (460V) 300B only (230V)	-	2,206	2,206
NFD.008-3	Non-Fused Disconnect	300B-400B (460V)	-	3,227	3,227
CBK.002-2	Compressor Circuit Breaker	230V	-	2,534	2,534
CBK.002-1	Compressor Circuit Breaker	460V	-	1,177	1,177
PLM.00X	Phase Loss Monitor	All	-	1,109	1,109
TDR.002	Anti-short Cycling Timer	All	-	640	640
HPS.001	Manual Reset High Pressure Switch	All	-	306	306
MS.0012D	Variable Speed EC Motor with proportional pressure controller	150BM6 (230V & 460V) 130B-200BL6 (230V & 460V)	-	15,094	15,094
MS.0012L	Variable Speed EC Motor with proportional pressure controller	200B-250BM6 (230V & 460V) 220B-300BL6 (230V & 460V)	-	18,372	18,372
MS.0013L	Variable Speed EC Motor with proportional pressure controller	300B-350BM6 (230V & 460V) 400BL6 (230V & 460V)	-	26,512	26,512
MS.0014L	Variable Speed EC Motor with proportional pressure controller	400B-500BM6 (230V & 460V)	-	34,652	34,652
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter drier & sight glass	130B-220B	-	457	457
LIQ.003-2	Replaceable core liquid-line filter drier & sight glass	250B-400B	-	672	672

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

13 - 50 HP Vertical Air Discharge

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
LIQ.003-3	Replaceable core liquid-line filter drier & sight glass	500B	-	804	804
LIQ.002-1	Liquid-line solenoid valve	130B-220B	Not recommended on applications with line runs more than 25 feet.	920	-
LIQ.002-2	Liquid-line solenoid valve	250B-400B	Not recommended on applications with line runs more than 25 feet.	987	-
LIQ.002-3	Liquid-line solenoid valve	500B	Not recommended on applications with line runs more than 25 feet.	1,185	-
SUC.003-1	Suction-line filter	130B-220B	-	1,240	1,240
SUC.003-2	Suction-line filter	250B-400B	-	1,588	1,588
SUC.003-3	Suction-line filter	500B	-	1,987	1,987
SUC.005-1	Replaceable core suction-line filter	130B-220B	-	1,622	1,622
SUC.005-2	Replaceable core suction-line filter	250B-400B	-	1,694	1,694
SUC.005-3	Replaceable core suction-line filter	500B	-	2,119	2,119
SUC.007-1	Suction accumulator	130B-220B	-	2,649	2,649
SUC.007-2	Suction accumulator	250B-400B	-	3,039	3,039
SUC.007-3	Suction accumulator	500B	-	3,950	3,950
DIS.001-1	Oil separator with discharge line check valve	130B-330B	-	1,589	1,589
DIS.001-2	Oil separator with discharge line check valve	350B-400B	-	2,685	2,685
DIS.001-3	Oil separator with discharge line check valve	500B	-	3,223	3,223
MUF.001	Discharge muffler	All	-	450	450
DIS.002-1	Three way heat reclaim valve with check valve installed	130B-200B	-	1,640	1,640
DIS.002-2	Three way heat reclaim valve with check valve installed	220B-400B	-	2,403	2,403
DIS.002-3	Three way heat reclaim valve with check valve installed	500B	-	2,884	2,884
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All	-	1,630	-
REC.001-1	Low Ambient kit with heated and insulated receiver and time delay relay	130B-330B	-	2,509	2,509
REC.001-2	Low Ambient kit with heated and insulated receiver and time delay relay	350B-500B	-	3,296	3,296
Coil Options					
CS.PRO-1	BohnGuard™ condenser fin protection	130B-330B	-	1,930	1,930
CS.PRO-2	BohnGuard™ condenser fin protection	350B-500B	-	2,471	2,471
CS.ELEC-1	ElectroFin coil coating	130B-330B	-	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	350B-500B	-	Call Factory	Call Factory
CS.CPR-1	Copper condenser fins	130B-330B	-	Call Factory	Call Factory
CS.CPR-2	Copper condenser fins	350B-500B	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	130B-300B	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	330B-500B	-	Call Factory	Call Factory

13 - 50 HP Vertical Air Discharge

Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.

3

Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.00X1	Electric Defrost Kit for system with one evaporator	All Models 230 and 460V	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	2,202
DFT.00X2	Electric Defrost Kit for system with two evaporators	All Models 230 and 460V	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	3,754
DFT.00X4	Electric Defrost Kit for system with four evaporators	All Models 230 and 460V	Includes (1) electric defrost timer, (4) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	5,750
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836

13 - 50 HP Vertical Air Discharge**Shipped-Loose Accessories**

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516
2 1/8"	29399089	2,885

24 - 80 HP Dual Compressor

Overview



Product Description:

The 24-80 HP Dual Vertical condensing unit is designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides protection against tube sheet leaks.

Opting for the Beacon II™ refrigeration system with Smart Defrost, factory installed Smart Defrost Kit™ (SDK) or Variable Speed EC motors increases this product's energy efficiency and qualifies it for the **E Solutions™** product portfolio.

Certifications



Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinets for superior strength and corrosion resistance
- Available in standard or parallel piped configurations

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper tubing
- Piping is pre-bent to eliminate braze joints, where possible, to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate sub-cooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-Beacon II™ condensing unit

Components

Compressor

- Spring-mounted compressors with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sight glass and permanent liquid line filter

Nomenclature

JLD	2400	L	6	C	PP
Model	Equiv. HP	Operating Range	Refrigerant	Voltage	Pipes
JLD = Limitizer® vertical discharge	2400 = 24HP 3000 = 30HP	L = Low M = Medium	6 = R-404A/507, or R-22	C = 208-230/3/60 D = 460/3/60	PP = Parallel Piped*
JDDS = Beacon II™ vertical discharge	4000 = 40HP 4400 = 44HP 5000 = 50HP 5400 = 54HP 6000 = 60HP 7000 = 70HP 8000 = 80HP			K = 230/3/60 E = 575/3/60	No "PP" = Standard Piped

* Not available with Beacon II™ System

24 - 80 HP Dual Compressor

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Parallel-piped units include replaceable core suction filter, replaceable liquid-line filter, suction accumulator, and oil management system.
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- ServiceMate™ Diagnostic Module

Beacon II™ Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Wired for Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 160.

Outdoor		Beacon II™ Outdoor		Voltage	Model Type	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Individually Piped Models: Medium Temperature (R-404A/507/22)						
JLD3000M6C	73,636	JDDS3000M6C	76,954	208-230/3/60	Individually Piped	-
JLD3000M6D	75,092	JDDS3000M6D	78,409	460/3/60	Individually Piped	-
JLD4000M6C	81,939	JDDS4000M6C	85,258	208-230/3/60	Individually Piped	-
JLD4000M6D	83,389	JDDS4000M6D	86,708	460/3/60	Individually Piped	-
JLD5000M6C	97,759	JDDS5000M6C	101,079	208-230/3/60	Individually Piped	-
JLD5000M6D	99,218	JDDS5000M6D	102,538	460/3/60	Individually Piped	-
JLD5200M6C	109,801	JDDS5200M6C	113,119	208-230/3/60	Individually Piped	-
JLD5200M6D	111,255	JDDS5200M6D	114,578	460/3/60	Individually Piped	-
JLD6000M6C	114,657	JDDS6000M6C	117,978	208-230/3/60	Individually Piped	-
JLD6000M6D	116,114	JDDS6000M6D	119,436	460/3/60	Individually Piped	-
JLD7000M6C	129,787	JDDS7000M6C	133,385	208-230/3/60	Individually Piped	-
JLD7000M6D	130,980	JDDS7000M6D	134,579	460/3/60	Individually Piped	-
JLD8000M6D	145,137	JDDS8000M6D	148,734	460/3/60	Individually Piped	-
JLD8000M6K	143,195	JDDS8000M6K	146,791	230/3/60	Individually Piped	-
Individually Piped Models: Low Temperature (R-404A/507/22)						
JLD2400L6C	75,500	JDDS2400L6C	78,822	208-230/3/60	Individually Piped	See Note 1, 2
JLD2400L6D	76,967	JDDS2400L6D	80,285	460/3/60	Individually Piped	See Note 1, 2
JLD3000L6C	79,036	JDDS3000L6C	82,357	208-230/3/60	Individually Piped	See Note 1, 2
JLD3000L6D	80,489	JDDS3000L6D	83,809	460/3/60	Individually Piped	See Note 1, 2
JLD4400L6C	92,761	JDDS4400L6C	96,078	208-230/3/60	Individually Piped	See Note 1, 2
JLD4400L6D	94,217	JDDS4400L6D	97,537	460/3/60	Individually Piped	See Note 1, 2
JLD5400L6C	106,614	JDDS5400L6C	109,935	208-230/3/60	Individually Piped	See Note 1, 2
JLD5400L6D	108,072	JDDS5400L6D	111,393	460/3/60	Individually Piped	See Note 1, 2
JLD6000L6C	118,292	JDDS6000L6C	121,613	208-230/3/60	Individually Piped	See Note 1, 2
JLD6000L6D	119,750	JDDS6000L6D	123,073	460/3/60	Individually Piped	See Note 1, 2

Notes:

1. L6 models include head cooling fan.
2. For R-22 low temperature operation, add Demand Cooling Kit.

24 - 80 HP Dual Compressor

Configurable Models Pricing

Outdoor		Beacon II™ Outdoor		Voltage	Model Type	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Parallel-Piped Models: Medium Temperature (R-404A/507/22)						
JLD3000M6CPP	92,468	-	-	208-230/3/60	Parallel Piped	-
JLD3000M6DPP	93,832	-	-	460/3/60	Parallel Piped	-
JLD4000M6CPP	100,242	-	-	208-230/3/60	Parallel Piped	-
JLD4000M6DPP	101,599	-	-	460/3/60	Parallel Piped	-
JLD5000M6CPP	116,307	-	-	208-230/3/60	Parallel Piped	-
JLD5000M6DPP	117,671	-	-	460/3/60	Parallel Piped	-
JLD5200M6CPP	127,576	-	-	208-230/3/60	Parallel Piped	-
JLD5200M6DPP	128,942	-	-	460/3/60	Parallel Piped	-
JLD6000M6CPP	132,125	-	-	208-230/3/60	Parallel Piped	-
JLD6000M6DPP	133,489	-	-	460/3/60	Parallel Piped	-
JLD7000M6CPP	147,759	-	-	208-230/3/60	Parallel Piped	-
JLD7000M6DPP	148,877	-	-	460/3/60	Parallel Piped	-
JLD8000M6DPP	162,126	-	-	460/3/60	Parallel Piped	-
JLD8000M6KPP	160,308	-	-	230/3/60	Parallel Piped	-
Parallel-Piped Models: Low Temperature (R-404A/507/22)						
JLD2400L6CPP	94,214	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
JLD2400L6DPP	95,587	-	-	460/3/60	Parallel Piped	See Note 1, 2
JLD3000L6CPP	97,525	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
JLD3000L6DPP	98,884	-	-	460/3/60	Parallel Piped	See Note 1, 2
JLD4400L6CPP	111,234	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
JLD4400L6DPP	112,597	-	-	460/3/60	Parallel Piped	See Note 1, 2
JLD5400L6CPP	124,596	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
JLD5400L6DPP	125,962	-	-	460/3/60	Parallel Piped	See Note 1, 2
JLD6000L6CPP	135,527	-	-	208-230/3/60	Parallel Piped	See Note 1, 2
JLD6000L6DPP	136,889	-	-	460/3/60	Parallel Piped	See Note 1, 2

Notes:

1. L6 models include head cooling fan.
2. For R-22 low temperature operation, add Demand Cooling Kit.

24 - 80 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
Electrical Options					
DFT.001	Defrost Timers - Air	All - Individually Piped	Medium temperature applications only.	1,080	-
DFT.001P	Defrost Timers - Air	All - Parallel Piped	Medium temperature applications only.	540	-
FCY.001-1	Fan Cycling - Temperature	2400-6000 Individually Piped	Fan closest to the header is not cycled.	3,432	-
FCY.001-1P	Fan Cycling - Temperature	2400-6000 Parallel Piped	Fan closest to the header is not cycled.	2,777	-
FCY.001-2	Fan Cycling - Temperature	7000-8000 Individually Piped	Fan closest to the header is not cycled.	4,087	-
FCY.001-2P	Fan Cycling - Temperature	7000-8000 Parallel Piped	Fan closest to the header is not cycled.	3,465	-
FCY.002-1	Fan Cycling - Pressure	2400-6000 Individually Piped	Fan closest to the header is not cycled.	3,432	Standard
FCY.002-1P	Fan Cycling - Pressure	2400-6000 Parallel Piped	Fan closest to the header is not cycled.	2,777	-
FCY.002-2	Fan Cycling - Pressure	7000-8000 Individually Piped	Fan closest to the header is not cycled.	4,087	Standard
FCY.002-2P	Fan Cycling - Pressure	7000-8000 Parallel Piped	Fan closest to the header is not cycled.	3,465	-
CBK.002-2	Compressor Circuit Breakers	230V - Individually Piped	No CBK options are available for the 8000 units.	5,070	5,070
CBK.002-2P	Compressor Circuit Breakers	230V - Parallel Piped	No CBK options are available for the 8000 units.	5,070	-
CBK.002-1	Compressor Circuit Breakers	460V - Individually Piped	No CBK options are available for the 8000 units.	2,357	2,357
CBK.002-1P	Compressor Circuit Breakers	460V - Parallel Piped	No CBK options are available for the 8000 units.	2,357	-
PLM.00X	Phase Loss Monitors	230V & 460V - Individually Piped	-	1,109	1,109
PLM.00XP	Phase Loss Monitors	230V & 460V - Parallel Piped	-	1,109	-
TDR.002	Anti-short Cycling Timers	All - Individually Piped	-	1,278	1,278
TDR.002P	Anti-short Cycling Timers	All - Parallel Piped	-	640	-
HPS.001	Manual Reset High Pressure Switches	All - Individually Piped	-	610	610
HPS.001P	Manual Reset High Pressure Switches	All - Parallel Piped	-	610	-
MS.0014S-1	Variable Speed EC Motor with proportional pressure controller	3000-5000M6 Parallel Piped (230V & 460V) 2400-5400L6 Parallel Piped (230V & 460V)	-	23,726	-
MS.0014S-2	Variable Speed EC Motor with proportional pressure controller	3000-5000M6 Individually Piped (230V & 460V) 2400-5400L6 Individually Piped (230V & 460V)	-	25,816	25,816
MS.0014L-1	Variable Speed EC Motor with proportional pressure controller	5200-6000M6 Parallel Piped (230V & 460V) 6000L6 Parallel Piped (230V & 460V)	-	34,652	-
MS.0014L-2	Variable Speed EC Motor with proportional pressure controller	5200-6000M6 Individually Piped (230V & 460V) 6000L6 Individually Piped (230V & 460V)	-	36,741	36,741

Regulation Requires Variable Speed Fan Motors!

California Energy Commission Title 24, Section 126

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

24 - 80 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
MS.0016L-1	Variable Speed EC Motor with proportional pressure controller	7000-8000M6 Parallel Piped (230V & 460V)	-	50,932	-
MS.0016L-2	Variable Speed EC Motor with proportional pressure controller	7000-8000M6 Individually Piped (230V & 460V)	-	53,021	53,021
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter driers & sight glasses	2400-4400 Individually Piped	-	914	914
LIQ.003-1P	Replaceable core liquid-line filter driers & sight glasses	2400-4400 Parallel Piped	-	Standard	-
LIQ.003-2	Replaceable core liquid-line filter driers & sight glasses	5000-8000 Individually Piped	-	1,340	1,340
LIQ.003-2P	Replaceable core liquid-line filter driers & sight glasses	5000-8000 Parallel Piped	-	Standard	-
LIQ.002-1	Liquid-line solenoid valves	2400-4400 Individually Piped	Not recommended on applications with line runs more than 25 feet.	1,839	-
LIQ.002-1P	Liquid-line solenoid valves	2400-4400 Parallel Piped	Not recommended on applications with line runs more than 25 feet.	987	-
LIQ.002-2	Liquid-line solenoid valves	5000-8000 Individually Piped	Not recommended on applications with line runs more than 25 feet.	1,973	-
LIQ.002-2P	Liquid-line solenoid valves	5000-8000 Parallel Piped	Not recommended on applications with line runs more than 25 feet.	1,330	-
SUC.003-1	Suction-line filters	2400-4000 Individually Piped	-	2,479	2,479
SUC.003-1P	Suction-line filters	2400-4000 Parallel Piped	-	N/A	-
SUC.003-2	Suction-line filters	4400-8000 Individually Piped	-	3,175	3,175
SUC.003-2P	Suction-line filters	4400-8000 Parallel Piped	-	N/A	-
SUC.005-1	Replaceable core suction-line filters	2400-4000 Individually Piped	-	3,246	3,246
SUC.005-1P	Replaceable core suction-line filters	2400-4000 Parallel Piped	-	Standard	-
SUC.005-2	Replaceable core suction-line filters	4400-8000 Individually Piped	-	3,288	3,288
SUC.005-2P	Replaceable core suction-line filters	4400-8000 Parallel Piped	-	Standard	-
SUC.007-1	Suction accumulators	2400-4000 Individually Piped	-	5,299	5,299
SUC.007-1P	Suction accumulators	2400-4000 Parallel Piped	-	Standard	-
SUC.007-2	Suction accumulators	4400-8000 Individually Piped	-	6,077	6,077
SUC.007-2P	Suction accumulators	4400-8000 Parallel Piped	-	Standard	-
DIS.001-1	Oil separators with discharge line check valves	2400-6000 Individually Piped	-	3,175	3,175
DIS.001-1P	Oil separators with discharge line check valves	2400-6000 Parallel Piped	-	Standard	-
DIS.001-2	Oil separators with discharge line check valves	7000-8000 Individually Piped	-	5,370	5,370
DIS.001-2P	Oil separators with discharge line check valves	7000-8000 Parallel Piped	-	Standard	-
MUF.001	Discharge mufflers	All - Individually Piped	-	901	901
MUF.001P	Discharge mufflers	All - Parallel Piped	-	N/A	-

24 - 80 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
DIS.002-1	Three way heat reclaim valves with check valves installed	2400-4400 Individually Piped	-	4,805	4,804
DIS.002-1P	Three way heat reclaim valves with check valves installed	2400-4400 Parallel Piped	-	Call Factory	-
DIS.002-2	Three way heat reclaim valves with check valves installed	5000-6000 Individually Piped	-	6,260	6,260
DIS.002-2P	Three way heat reclaim valves with check valves installed	5000-6000 Parallel Piped	-	Call Factory	-
DIS.002-3	Three way heat reclaim valves with check valves installed	7000-8000 Individually Piped	-	9,066	9,066
DIS.002-3P	Three way heat reclaim valves with check valves installed	7000-8000 Parallel Piped	-	Call Factory	-
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Individually Piped	-	3,262	-
UNL.001P	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Parallel Piped	-	3,262	-
DMD.001	Demand Cooling for low temperature R-22	2400-6000L6 Individually Piped	-	4,595	4,595
DMD.001P	Demand Cooling for low temperature R-22	2400-6000L6 Parallel Piped	-	4,595	-
REC.001-1	Low Ambient kits with heated and insulated receivers and time delay relays	2400-6000 Individually Piped	-	5,017	5,017
REC.001-1P	Low Ambient kits with heated and insulated receivers and time delay relays	2400-6000 Parallel Piped	-	5,017	-
REC.001-2	Low Ambient kits with heated and insulated receivers and time delay relays	7000-8000 Individually Piped	-	6,591	6,591
REC.001-2P	Low Ambient kits with heated and insulated receivers and time delay relays	7000-8000 Parallel Piped	-	6,591	-
Coil Options					
CSG.PRO-1	BohnGuard™ condenser fin protection	2400-5000	-	3,225	3,225
CSG.PRO-2	BohnGuard™ condenser fin protection	5200-6000	-	5,370	5,370
CSG.PRO-3	BohnGuard™ condenser fin protection	7000-8000	-	6,018	6,018
CS.ELEC-1	ElectroFin coil coating	2400-5000	-	-	Call Factory
CS.ELEC-2	ElectroFin coil coating	5200-6000	-	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	7000-8000	-	Call Factory	Call Factory
CSB.CPR-1	Copper condenser fins	2400-5000	-	Call Factory	Call Factory
CSB.CPR-2	Copper condenser fins	5200-6000	-	Call Factory	Call Factory
CSB.CPR-3	Copper condenser fins	7000-8000	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	2400-5000	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	5200-6000	-	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	7000-8000	-	Call Factory	Call Factory

Section 2

24 - 80 HP Dual Compressor

Factory-Installed Electric Defrost Options

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.

3

Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.016	Electric Defrost Kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	3,520
DFT.016P	Electric Defrost Kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip	2,980
DFT.013	Electric Defrost Kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	5,070
DFT.013P	Electric Defrost Kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip	4,530
DEF.XXX1	Fuses for electric defrost kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	-	881
DEF.XXX1P	Fuses for electric defrost kit for system with one evaporator per compressor circuit	3000-4000M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	-	881
DEF.XXX2	Fuses for electric defrost kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Individually Piped 2400-6000L6 (230V) Individually Piped 2400-8000 (460V) Individually Piped	-	1,761
DEF.XXX2P	Fuses for electric defrost kit for system with two evaporators per compressor circuit	3000-5200M6 (230V) Parallel Piped 2400-6000L6 (230V) Parallel Piped 2400-8000 (460V) Parallel Piped	-	1,761
SDK.001	InterLink™ Smart Defrost Kit™	All - Individually Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	1,672
SDK.001P	InterLink™ Smart Defrost Kit™	All - Parallel Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	N/A

24 - 80 HP Dual Compressor

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Must have one valve per compressor. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516
2 1/8"	29399089	2,885
2 5/8"	29314001	6,529

26 - 100 HP Dual Compressor

Overview



Product Description:

The 26-100 HP Dual Vertical condensing unit product line with Bitzer® compressors is designed to meet the needs of a demanding commercial and industrial refrigeration market. The product is configured to be flexible in its design and construction to allow it to respond to the requirements of refrigeration contractors, consulting engineers and facility owners/operators. The Floating Tube™ coil design incorporated in the product provides protection against tube sheet leaks.

Opting for the Beacon II™ refrigeration system Smart Defrost, factory installed Smart Defrost Kit™ (SDK) or Variable Speed EC motors increases this product's energy efficiency and qualifies it for the **E Solutions™** product portfolio.

Certifications



Cabinet & Construction

- All units feature the Floating Tube™ coil which eliminates tube sheet leaks
- Painted steel cabinets for superior strength and corrosion resistance

Serviceability

- Manual pumpdown switch on all units
- Convenient access panels to easily service internal components
- Large electrical panel to facilitate ease of access

Quality

- Sight glass is easily viewable
- Fixed high pressure switch eliminates capillary tubes
- Refrigeration duty, rifled copper condenser tubing
- Piping is pre-bent to eliminate braze joints, where possible, to reduce leak potential
- All joints are sweat type connections, no mechanical joints to leak
- Separate sub-cooling circuit in condenser for added capacity and vapor free liquid
- Pressure relief valve on receiver
- ServiceMate™ diagnostic module standard on all non-Beacon II™ condensing unit

Components

Compressor

- Units feature Bitzer® semi-hermetic compressors.
- Spring-mounted compressors with suction and discharge eliminators
- Receivers are sized for sufficient pumpdown capacity with inlet and outlet service valves

Other

- Sealed sight glass and liquid line filter

Nomenclature

J	L	D	260B	L	6	C
Model	Head Pressure Control	Airflow	Equiv. HP	Operating Range	Refrigerant	Voltage
J= Bohn	L = Limitizer® D = Beacon II™	D = Vertical DS = Vertical Beacon II™	260B = 26HP 300B = 30HP 400B = 40HP 440B = 44HP 500B = 50HP 600B = 60HP 660B 66HP 700B = 70HP 800B = 80HP 1100 = 100HP	L = Low M = Medium	6 = R-404A/507	C = 208-230/3/60 D = 460/3/60 E = 575/3/60

26 - 100 HP Dual Compressor

Configurable Models Pricing

Configurable Models

Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Parallel-piped units include replaceable core suction filter, replaceable liquid-line filter, suction accumulator, and oil management system.
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- ServiceMate™ Diagnostic Module

Beacon II™ Outdoor

- Prepainted galvanized cabinet with easily removable service panels
- Condenser built with rifled tubing and a separate subcooler coil for extra performance
- Flooded head pressure valves on all models
- Liquid line with drier, sight glass, and shut-off valve
- Electronic oil safety control
- Spring mounted compressors with suction and discharge vibration eliminators
- Large electrical panel, including compressor contactor and pump-down switch
- Fixed high pressure control and separate adjustable low pressure control with flexible braided hose
- Wired for Beacon II™ control with fan cycling.

Need to customize? Look at the factory-installed options starting on page 168.

Outdoor		Beacon II™ Outdoor		Voltage	Model Type	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
Individually Piped Models: Medium Temperature (R-404A/507)						
JLD300BM6C	73,635	JDDS300BM6C	76,064	208-230/3/60	Individually Piped	-
JLD300BM6D	74,518	JDDS300BM6D	76,976	460/3/60	Individually Piped	-
JLD400BM6C	85,854	JDDS400BM6C	88,687	208-230/3/60	Individually Piped	-
JLD400BM6D	86,885	JDDS400BM6D	89,752	460/3/60	Individually Piped	-
JLD440BM6C	97,761	JDDS440BM6C	100,987	208-230/3/60	Individually Piped	-
JLD440BM6D	98,935	JDDS440BM6D	102,200	460/3/60	Individually Piped	-
JLD500BM6C	109,802	JDDS500BM6C	113,425	208-230/3/60	Individually Piped	-
JLD500BM6D	111,119	JDDS500BM6D	114,786	460/3/60	Individually Piped	-
JLD600BM6C	115,867	JDDS600BM6C	119,690	208-230/3/60	Individually Piped	-
JLD600BM6D	117,257	JDDS600BM6D	121,126	460/3/60	Individually Piped	-
JLD660BM6C	129,784	JDDS660BM6C	134,067	208-230/3/60	Individually Piped	-
JLD660BM6D	131,340	JDDS660BM6D	135,676	460/3/60	Individually Piped	-
JLD700BM6C	145,139	JDDS700BM6C	149,930	208-230/3/60	Individually Piped	-
JLD700BM6D	146,881	JDDS700BM6D	151,728	460/3/60	Individually Piped	-
JLD800BM6C	159,622	JDDS800BM6C	164,889	208-230/3/60	Individually Piped	-
JLD800BM6D	161,537	JDDS800BM6D	166,868	460/3/60	Individually Piped	-
JLD110BM6C	183,587	JDDS110BM6C	189,646	208-230/3/60	Individually Piped	-
JLD110BM6D	185,790	JDDS110BM6D	191,922	460/3/60	Individually Piped	-
Individually Piped Models: Low Temperature (R-404A/507)						
JLD260BL6C	76,154	JDDS260BL6C	78,818	208-230/3/60	Individually Piped	-
JLD260BL6D	77,220	JDDS260BL6D	79,922	460/3/60	Individually Piped	-
JLD300BL6C	84,678	JDDS300BL6C	87,643	208-230/3/60	Individually Piped	-
JLD300BL6D	85,864	JDDS300BL6D	88,868	460/3/60	Individually Piped	-
JLD400BL6C	98,581	JDDS400BL6C	102,031	208-230/3/60	Individually Piped	-
JLD400BL6D	99,960	JDDS400BL6D	103,460	460/3/60	Individually Piped	-
JLD440BL6C	106,810	JDDS440BL6C	110,548	208-230/3/60	Individually Piped	-
JLD440BL6D	108,307	JDDS440BL6D	112,097	460/3/60	Individually Piped	-
JLD500BL6C	118,511	JDDS500BL6C	122,658	208-230/3/60	Individually Piped	-

Section 2

Air-Cooled Condensing Units

BOHN

26 - 100 HP Dual Compressor

Configurable Models Pricing

Outdoor		Beacon II™ Outdoor		Voltage	Model Type	Notes
Bohn Model	List Price (\$US)	Bohn Model	List Price (\$US)			
JLD500BL6D	120,169	JDDS500BL6D	124,376	460/3/60	Individually Piped	-
JLD600BL6C	125,089	JDDS600BL6C	129,469	208-230/3/60	Individually Piped	-
JLD600BL6D	126,842	JDDS600BL6D	131,281	460/3/60	Individually Piped	-
JLD800BL6C	145,139	JDDS800BL6C	150,219	208-230/3/60	Individually Piped	-
JLD800BL6D	147,173	JDDS800BL6D	152,323	460/3/60	Individually Piped	-
Parallel-Piped Models: Medium Temperature (R-404A/507)						
JLD300BM6CPP	88,361	-	-	208-230/3/60	Parallel Piped	-
JLD300BM6DPP	89,422	-	-	460/3/60	Parallel Piped	-
JLD400BM6CPP	103,025	-	-	208-230/3/60	Parallel Piped	-
JLD400BM6DPP	104,262	-	-	460/3/60	Parallel Piped	-
JLD440BM6CPP	117,314	-	-	208-230/3/60	Parallel Piped	-
JLD440BM6DPP	118,721	-	-	460/3/60	Parallel Piped	-
JLD500BM6CPP	131,763	-	-	208-230/3/60	Parallel Piped	-
JLD500BM6DPP	133,344	-	-	460/3/60	Parallel Piped	-
JLD600BM6CPP	139,040	-	-	208-230/3/60	Parallel Piped	-
JLD600BM6DPP	140,708	-	-	460/3/60	Parallel Piped	-
JLD660BM6CPP	155,741	-	-	208-230/3/60	Parallel Piped	-
JLD660BM6DPP	157,610	-	-	460/3/60	Parallel Piped	-
JLD700BM6CPP	174,168	-	-	208-230/3/60	Parallel Piped	-
JLD700BM6DPP	176,258	-	-	460/3/60	Parallel Piped	-
JLD800BM6CPP	191,545	-	-	208-230/3/60	Parallel Piped	-
JLD800BM6DPP	193,844	-	-	460/3/60	Parallel Piped	-
JLD110BM6CPP	220,305	-	-	208-230/3/60	Parallel Piped	-
JLD110BM6DPP	222,948	-	-	460/3/60	Parallel Piped	-
Parallel-Piped Models: Low Temperature (R-404A/507)						
JLD260BL6CPP	91,386	-	-	208-230/3/60	Parallel Piped	-
JLD260BL6DPP	92,664	-	-	460/3/60	Parallel Piped	-
JLD300BL6CPP	101,614	-	-	208-230/3/60	Parallel Piped	-
JLD300BL6DPP	103,036	-	-	460/3/60	Parallel Piped	-
JLD400BL6CPP	118,298	-	-	208-230/3/60	Parallel Piped	-
JLD400BL6DPP	119,954	-	-	460/3/60	Parallel Piped	-
JLD440BL6CPP	128,172	-	-	208-230/3/60	Parallel Piped	-
JLD440BL6DPP	129,967	-	-	460/3/60	Parallel Piped	-
JLD500BL6CPP	142,212	-	-	208-230/3/60	Parallel Piped	-
JLD500BL6DPP	144,203	-	-	460/3/60	Parallel Piped	-
JLD600BL6CPP	150,108	-	-	208-230/3/60	Parallel Piped	-
JLD600BL6DPP	152,210	-	-	460/3/60	Parallel Piped	-
JLD800BL6CPP	174,168	-	-	208-230/3/60	Parallel Piped	-
JLD800BL6DPP	176,606	-	-	460/3/60	Parallel Piped	-

26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
Electrical Options					
DFT.001	Defrost Timers - Air	All - Individually Piped	Medium temperature applications only.	1,080	-
DFT.001P	Defrost Timers - Air	All - Parallel Piped	Medium temperature applications only.	540	-
FCY.001-1	Fan Cycling - Temperature	260B-500B Individually Piped	Fan closest to the header is not cycled.	3,432	-
FCY.001-1P	Fan Cycling - Temperature	260B-500B Parallel Piped	Fan closest to the header is not cycled.	2,777	-
FCY.001-2	Fan Cycling - Temperature	600B-700B Individually Piped	Fan closest to the header is not cycled.	4,087	-
FCY.001-2P	Fan Cycling - Temperature	600B-700B Parallel Piped	Fan closest to the header is not cycled.	3,432	-
FCY.001-3	Fan Cycling - Temperature	800B & 110B Individually Piped	Fan closest to the header is not cycled.	4,662	-
FCY.001-3P	Fan Cycling - Temperature	800B & 110B Parallel Piped	Fan closest to the header is not cycled.	4,007	-
FCY.002-1	Fan Cycling - Pressure	260B-500B Individually Piped	Fan closest to the header is not cycled.	3,432	Standard
FCY.002-1P	Fan Cycling - Pressure	260B-500B Parallel Piped	Fan closest to the header is not cycled.	2,777	-
FCY.002-2	Fan Cycling - Pressure	600B-700B Individually Piped	Fan closest to the header is not cycled.	4,087	Standard
FCY.002-2P	Fan Cycling - Pressure	600B-700B Parallel Piped	Fan closest to the header is not cycled.	3,432	-
FCY.002-3	Fan Cycling - Pressure	800B & 110B Individually Piped	Fan closest to the header is not cycled.	4,662	Standard
FCY.002-3P	Fan Cycling - Pressure	800B & 110B Parallel Piped	Fan closest to the header is not cycled.	4,007	-
CBK.002-2	Compressor Circuit Breakers	230V - Individually Piped	-	5,070	5,070
CBK.002-2P	Compressor Circuit Breakers	230V - Parallel Piped	-	5,070	-
CBK.002-1	Compressor Circuit Breakers	460V - Individually Piped	-	2,357	2,357
CBK.002-1P	Compressor Circuit Breakers	460V - Parallel Piped	-	2,357	-
PLM.00X	Phase Loss Monitors	All - Individually Piped	-	1,109	1,109
PLM.00XP	Phase Loss Monitors	All - Parallel Piped	-	1,109	-
TDR.002	Anti-short Cycling Timers	All - Individually Piped	-	1,278	1,278
TDR.002P	Anti-short Cycling Timers	All - Parallel Piped	-	640	-
HPS.001	Manual Reset High Pressure Switches	All - Individually Piped	-	610	610
HPS.001P	Manual Reset High Pressure Switches	All - Parallel Piped	-	610	-

Regulation Requires Variable Speed Fan Motors!**California Energy Commission Title 24, Section 126**

Effective 01/01/2010, refrigerated warehouses with a total cold storage and frozen storage area exceeding 3,000 square feet require:

1. All condenser fans for air-cooled condensers/condensing units shall be continuously variable speed and the condensing temperature or pressure control system shall control the speed of all condenser fans serving a common condenser loop in unison. The minimum condensing temperature set point shall be less than or equal to 70 degrees Fahrenheit or reset in response to ambient dry bulb temperature or refrigeration system load.
2. All single phase condenser/condensing unit fan motors less than 1 horsepower and less than 460 volts shall be either permanent split capacitor or electronically commutated.

26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
MS.0014S-1	Variable Speed EC Motor with proportional pressure controller	300BM6 Parallel Piped (230V & 460V) 260B-400BL6 Parallel Piped (230V & 460V)	-	23,726	-
MS.0014S-2	Variable Speed EC Motor with proportional pressure controller	300BM6 Individually Piped (230V & 460V) 260B-400BL6 Individually Piped (230V & 460V)	-	25,816	25,816
MS.0014L-1	Variable Speed EC Motor with proportional pressure controller	400B-500BM6 Parallel Piped (230V & 460V) 440B-600BL6 Parallel Piped (230V & 460V)	-	34,652	-
MS.0014L-2	Variable Speed EC Motor with proportional pressure controller	400B-500BM6 Individually Piped (230V & 460V) 440B-600BL6 Individually Piped (230V & 460V)	-	36,741	36,741
MS.0016L-1	Variable Speed EC Motor with proportional pressure controller	600B-700BM6 Parallel Piped (230V & 460V) 800BL6 Parallel Piped (230V & 460V)	-	50,932	-
MS.0016L-2	Variable Speed EC Motor with proportional pressure controller	600B-700BM6 Individually Piped (230V & 460V) 800BL6 Individually Piped (230V & 460V)	-	53,021	53,021
MS.0018L-1	Variable Speed EC Motor with proportional pressure controller	800B - 110BM6 Parallel Piped (230V & 460V)	-	67,213	-
MS.0018L-2	Variable Speed EC Motor with proportional pressure controller	800B - 110BM6 Individually Piped (230V & 460V)	-	69,301	69,301
Mechanical Options					
LIQ.003-1	Replaceable core liquid-line filter driers & sight glasses	260B-440B Individually Piped	-	914	914
LIQ.003-1P	Replaceable core liquid-line filter driers & sight glasses	260B-440B Parallel Piped	-	Standard	-
LIQ.003-2	Replaceable core liquid-line filter driers & sight glasses	500B-800B Individually Piped	-	1,340	1,340
LIQ.003-2P	Replaceable core liquid-line filter driers & sight glasses	500B-800B Parallel Piped	-	Standard	-
LIQ.003-3	Replaceable core liquid-line filter driers & sight glasses	110B Individually Piped	-	1,611	1,611
LIQ.003-3P	Replaceable core liquid-line filter driers & sight glasses	110B Parallel Piped	-	Standard	-
SUC.003-1	Suction-line filters	260B-440B Individually Piped	-	2,479	2,479
SUC.003-1P	Suction-line filters	260B-440B Parallel Piped	-	N/A	-
SUC.003-2	Suction-line filters	500B-800B Individually Piped	-	3,175	3,175
SUC.003-2P	Suction-line filters	500B-800B Parallel Piped	-	N/A	-
SUC.003-3	Suction-line filters	110B Individually Piped	-	3,973	3,973
SUC.003-3P	Suction-line filters	110B Parallel Piped	-	N/A	-
SUC.005-1	Replaceable core suction-line filters	260B-440B Individually Piped	-	3,246	3,246
SUC.005-1P	Replaceable core suction-line filters	260B-440B Parallel Piped	-	Standard	-

26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
SUC.005-2	Replaceable core suction-line filters	500B-800B Individually Piped	-	3,390	3,390
SUC.005-2P	Replaceable core suction-line filters	500B-800B Parallel Piped	-	Standard	-
SUC.005-3	Replaceable core suction-line filters	110B Individually Piped	-	4,237	4,237
LIQ.002-1	Liquid-line solenoid valves	260B-440B Individually Piped	Not recommended on applications with line runs more than 25 feet.	1,839	-
LIQ.002-1P	Liquid-line solenoid valves	260B-440B Parallel Piped	Not recommended on applications with line runs more than 25 feet.	987	-
LIQ.002-2	Liquid-line solenoid valves	500B-800B Individually Piped	Not recommended on applications with line runs more than 25 feet.	1,973	-
LIQ.002-2P	Liquid-line solenoid valves	500B-800B Parallel Piped	Not recommended on applications with line runs more than 25 feet.	1,330	-
LIQ.002-3	Liquid-line solenoid valves	110B Individually Piped	Not recommended on applications with line runs more than 25 feet.	2,369	-
LIQ.002-3P	Liquid-line solenoid valves	110B Parallel Piped	Not recommended on applications with line runs more than 25 feet.	Call Factory	-
SUC.007-1	Suction accumulators	260B-440B Individually Piped	-	5,299	5,299
SUC.007-1P	Suction accumulators	260B-440B Parallel Piped	-	Standard	-
SUC.007-2	Suction accumulators	500B-800B Individually Piped	-	6,077	6,077
SUC.007-2P	Suction accumulators	500B-800B Parallel Piped	-	Standard	-
SUC.007-3	Suction accumulators	110B Individually Piped	-	7,899	7,899
SUC.007-3P	Suction accumulators	110B Parallel Piped	-	Standard	-
DIS.001-1	Oil separators with discharge line check valves	260B-600B Individually Piped	-	3,175	3,175
DIS.001-1P	Oil separators with discharge line check valves	260B-600B Parallel Piped	-	Standard	-
DIS.001-2	Oil separators with discharge line check valves	660B-800B Individually Piped	-	5,370	5,370
DIS.001-2P	Oil separators with discharge line check valves	660B-800B Parallel Piped	-	Standard	-
DIS.001-3	Oil separators with discharge line check valves	110B Individually Piped	-	6,447	6,447
DIS.001-3P	Oil separators with discharge line check valves	110B Parallel Piped	-	Standard	-
MUF.001	Discharge mufflers	All - Individually Piped	-	901	901
MUF.001P	Discharge mufflers	All - Parallel Piped	-	N/A	-
DIS.002-1	Three way heat reclaim valves with check valves installed	260B-400B Individually Piped	-	3,280	-
DIS.002-1P	Three way heat reclaim valves with check valves installed	260B-400B Parallel Piped	-	Call Factory	-
DIS.002-2	Three way heat reclaim valves with check valves installed	440B-800B Individually Piped	-	4,805	-

26 - 100 HP Dual Compressor

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)	
				Outdoor	Beacon II™ Outdoor
DIS.002-2P	Three way heat reclaim valves with check valves installed	440B-800B Parallel Piped	-	Call Factory	-
DIS.002-3	Three way heat reclaim valves with check valves installed	110B Individually Piped	-	5,767	-
DIS.002-3P	Three way heat reclaim valves with check valves installed	110B Parallel Piped	-	Call Factory	-
UNL.001	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Individually Piped	-	3,262	-
UNL.001P	Compressor Unloading - with pressure control for (1) cyl. Bank	All - Parallel Piped	-	3,262	-
REC.001-1	Low Ambient kits with heated and insulated receivers and time delay relays	260B-500B Individually Piped	-	5,017	5,017
REC.001-1P	Low Ambient kits with heated and insulated receivers and time delay relays	260B-500B Parallel Piped	-	5,017	-
REC.001-2	Low Ambient kits with heated and insulated receivers and time delay relays	600B-110B Individually Piped	-	6,591	6,591
REC.001-2P	Low Ambient kits with heated and insulated receivers and time delay relays	600B-110B Parallel Piped	-	6,591	-
Coil Options					
CSG.PRO-1	BohnGuard™ condenser fin protection	300BM6, 260B-400BL6	-	3,225	3,225
CSG.PRO-2	BohnGuard™ condenser fin protection	400B-500BM6, 440B-600BL6	-	5,370	5,370
CSG.PRO-3	BohnGuard™ condenser fin protection	600B-700BM6, 800BL6	-	6,018	6,018
CSG.PRO-4	BohnGuard™ condenser fin protection	800B-110BM6	-	8,025	8,025
CS.ELEC-1	ElectroFin coil coating	300BM6, 260B-400BL6	-	Call Factory	Call Factory
CS.ELEC-2	ElectroFin coil coating	400B-500BM6, 440B-600BL6	-	Call Factory	Call Factory
CS.ELEC-3	ElectroFin coil coating	600B-700BM6, 800BL6	-	Call Factory	Call Factory
CS.ELEC-4	ElectroFin coil coating	800B-110BM6	-	Call Factory	Call Factory
CSB.CPR-1	Copper condenser fins	300BM6, 260B-400BL6	-	Call Factory	Call Factory
CSB.CPR-2	Copper condenser fins	400B-500BM6, 440B-600BL6	-	Call Factory	Call Factory
CSB.CPR-3	Copper condenser fins	600B-700BM6, 800BL6	-	Call Factory	Call Factory
CSB.CPR-4	Copper condenser fins	800B-110BM6	-	Call Factory	Call Factory
CS.BRZ-1	Bronz-Glow coil coating	300BM6, 260B-400BL6	-	Call Factory	Call Factory
CS.BRZ-2	Bronz-Glow coil coating	400B-500BM6, 440B-600BL6	-	Call Factory	Call Factory
CS.BRZ-3	Bronz-Glow coil coating	600B-700BM6, 800BL6	-	Call Factory	Call Factory
CS.BRZ-4	Bronz-Glow coil coating	800B-110BM6	-	Call Factory	Call Factory

Need an electric defrost kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2 For the selected condensing unit, contact your local Sales Representative or Account Engineer to find out the rated defrost power amps for both the fan motor amps and electric heater amps. The condensing unit data plate ratings are based on the actual system match.
- 3 Your local Sales Representative or Account Engineer will help you select the proper electric defrost kit and components.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation.

Evaporator Hold Out Relay

Allows each evaporator to individually terminate defrost on temperature when multiple evaporators are used in a single system.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
				Outdoor
DFT.016-1	Electric Defrost Kit for system with one evaporator per compressor circuit	300B-400BM6 (230V) Individually Piped 260B-440BL6 (230V) Individually Piped All Models (460V) Individually Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	4,403
DFT.016P	Electric Defrost Kit for system with one evaporator per compressor circuit	300B-400BM6 (230V) Parallel Piped 260B-440BL6 (230V) Parallel Piped All Models (460V) Parallel Piped	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	3,864
DFT.016-2	Electric Defrost Kit for system with one evaporator per compressor circuit	440B-110BM6 (230V) 500B-800BL6 (230V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	Call Factory
DFT.013-1	Electric Defrost Kit for system with two evaporators per compressor circuit	300B-600BM6 (230V) Individually Piped All L6 Models (230V) Individually Piped All Models (460V) Individually Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	7,511
DFT.013P	Electric Defrost Kit for system with two evaporators per compressor circuit	300B-400BM6 (230V) Parallel Piped 260B-440BL6 (230V) Parallel Piped All Models (460V) Parallel Piped	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	7,002
DFT.013-2	Electric Defrost Kit for system with two evaporators per compressor circuit	660B-110BM6 (230V)	Includes (1) electric defrost timer, (2) heater & (1) fan contactors, terminal strip, and fusing. 48 amp maximum heater load per heater contactor.	Call Factory
SDK.001	InterLink™ Smart Defrost Kit™	All - Individually Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	1,672
SDK.001P	InterLink™ Smart Defrost Kit™	All - Parallel Piped	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	N/A

26 - 100 HP Dual Compressor

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Must have one valve per compressor. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516
2 1/8"	29399089	2,885
2 5/8"	29314001	6,529

1/2 - 6 HP

Overview



Product Description:

The 1/2 through 6 HP water cooled condensing unit product line features hermetic and scroll® compressors. These condensing units' component selection, location, base and unit dimensions are all optimized for easy field replacement or installation in new applications where space is limited.

The electrical box is designed with extra space for easier servicing. The area is large enough to accommodate circuit breakers, compressor contactors, time clocks and all start components in one enclosure.

Standard features include: compressor isolation valves that enable service technicians to isolate the compressor for service and an oversized receiver which provides total refrigerant pump down. These products are ideal for units requiring long runs.

Certifications



Cabinet & Construction

- Component location and unit size are optimized for easy field replacement and space limited applications

Serviceability

- Large electrical box allows easy service and installation of additional components
- A pump-down switch is provided on all models for easy field servicing
- Color-coded wire harnesses are labeled and coded for easy identification
- Suction line rotolock service valve is provided on the compressor for service
- An additional shut-off valve is mounted in the discharge line of the compressor for quick and easy compressor isolation

Quality

- Sight glass (optional) is easily viewable
- Every unit is subjected to a helium leak test to ensure the unit is leak free
- Shipped with nitrogen holding charge to enable installer to verify unit is leak-free upon arrival
- Every unit is run-tested and cycled on both the high and low pressure controls
- All electrical circuits are also tested for functional integrity

Components

- Features Copeland hermetic and Scroll® compressors
- Compressors are mounted with vibration eliminating rubber grommets
- All units come standard with a water regulating valve for superior head pressure control
- Oversized receiver with liquid shut-off valve is provided for installations with long refrigerant lines

Nomenclature

ZW	N	010	L	6	B
Compressor	Application	Model Size	Operating Range	Refrigerant	Voltage
HW = Hermetic ZW = Scroll®	N = Indoor	005-060	H = High L = Low M = Medium X = Extended Temp.	2 = R-22 6 = R-404A/507	B = 208/230/1/60 C = 208-230/3/60 D = 460/3/60

1/2 - 6 HP

Configurable Models Pricing

Standard Features

- Compressor mounting (rubber grommets)
- Compressor discharge service valve (in line brass base valve)
- Compressor suction service valve — rotolock
- Large capacity refrigerant receiver (up to 100 ft. runs)
- Receiver service valve (located on outlet)
- Coaxial condenser (counterflow tube in tube)
- Extra large electric box (encloses all options and start components)
- Electric conduit (UL recognized, high impact, flame retardant copolymer)
- Low pressure control switch (adjustable)
- High pressure encapsulated safety switch (fixed)
- Superhose on low pressure control (higher leak resistance)
- Liquid injection (Scroll® — low temperature models only)
- Pump-down control switch (pre-wired)
- Water valve (mounted on condenser inlet)
- Agency approvals UL, ULC

Need to customize? Look at the factory-installed options starting on page 177.

Bohn Model	List Price (\$US)	Voltage	Notes
Hermetic High Temperature (R-404A/507)			
HWN005H6B	3,688	208-230/1/60	See footnote 1
HWN009H6B	3,895	208-230/1/60	See footnote 1
HWN010H6B	4,237	208-230/1/60	See footnote 1
HWN010H6C	4,392	208-230/3/60	See footnote 1
HWN015H6B	4,430	208-230/1/60	-
HWN015H6C	4,664	208-230/3/60	-
HWN025H6B	5,315	208-230/1/60	-
HWN025H6C	5,726	208-230/3/60	-
HWN032H6B	6,630	208-230/1/60	-
HWN032H6C	6,893	208-230/3/60	-
HWN040H6K	8,916	230/3/60	-
HWN050H6K	9,773	230/3/60	-
Hermetic Extended Temperature (R-404A/507)			
HWN005X6B	3,688	208-230/1/60	See footnote 1
HWN008X6B	3,772	208-230/1/60	See footnote 1
HWN009X6B	3,895	208-230/1/60	See footnote 1
HWN010X6B	4,237	208-230/1/60	See footnote 1
HWN010X6C	4,392	208-230/3/60	See footnote 1
Hermetic Extended/Medium Temperature (R-404A/507/22)			
HWN015X6B	4,430	208-230/1/60	-
HWN015X6C	4,664	208-230/3/60	-
HWN020X6B	4,928	208-230/1/60	-
HWN020X6C	5,385	208-230/3/60	-
HWN025X6B	5,315	208-230/1/60	-
HWN025X6C	5,726	208-230/3/60	-
HWN025X6D	6,104	460/3/60	-
HWN030X6B	6,308	208-230/1/60	-
HWN030X6C	6,548	208-230/3/60	-
HWN030X6D	6,823	460/3/60	-
HWN032X6B	6,630	208-230/1/60	-
HWN032X6C	6,893	208-230/3/60	-

Bohn Model	List Price (\$US)	Voltage	Notes
HWN032X6D	7,133	460/3/60	-
HWN040X6B	8,711	208-230/1/60	-
HWN040X6C	8,916	208-230/3/60	-
HWN040X6D	9,188	460/3/60	-
HWN050X6B	9,636	208-230/1/60	-
HWN050X6C	9,773	208-230/3/60	-
HWN050X6D	10,001	460/3/60	-
Hermetic Low Temperature (R-404A/507)			
HWN011L6B	4,402	208-230/1/60	-
HWN011L6C	4,488	208-230/3/60	-
HWN014L6B	4,456	208-230/1/60	-
HWN014L6C	4,584	208-230/3/60	-
HWN025L6B	4,641	208-230/1/60	-
HWN025L6C	4,769	208-230/3/60	-
HWN031L6B	6,689	208-230/1/60	-
HWN031L6C	6,860	208-230/3/60	-
HWN031L6D	6,978	460/3/60	-
Hermetic High Temperature (R-22)			
HWN005H2B	3,640	208-230/1/60	-
HWN010H2B	4,203	208-230/1/60	-
Scroll Extended Temperature (R-404A/507)			
ZWN030X6B	8,609	208-230/1/60	-
ZWN030X6C	8,724	208-230/3/60	-
ZWN030X6D	9,124	460/3/60	-
ZWN035X6B	9,172	208-230/1/60	-
ZWN035X6C	9,294	208-230/3/60	-
ZWN035X6D	9,579	460/3/60	-
ZWN045X6B	9,529	208-230/1/60	-
ZWN045X6C	9,666	208-230/3/60	-
ZWN045X6D	9,941	460/3/60	-
ZWN055X6B	9,806	208-230/1/60	-
ZWN055X6C	9,946	208-230/3/60	-

Notes:

1. Not Suitable for R-507
2. Scroll "L6" models must have a liquid line option specified.

1/2 - 6 HP

Configurable Models Pricing

Bohn Model	List Price (\$US)	Voltage	Notes
ZWN055X6D	10,389	460/3/60	-
ZWN060X6C	11,583	208-230/3/60	-
ZWN060X6D	11,774	460/3/60	-
Scroll Low Temperature (R-404A/507)			
ZWN030L6B	9,063	208-230/1/60	See footnote 2
ZWN030L6C	9,202	208-230/3/60	See footnote 2
ZWN030L6D	10,353	460/3/60	See footnote 2
ZWN035L6B	9,543	208-230/1/60	See footnote 2
ZWN035L6C	9,685	208-230/3/60	See footnote 2
ZWN035L6D	9,920	460/3/60	See footnote 2
ZWN045L6B	9,970	208-230/1/60	See footnote 2
ZWN045L6C	10,103	208-230/3/60	See footnote 2
ZWN045L6D	10,340	460/3/60	See footnote 2
ZWN055L6B	10,368	208-230/1/60	See footnote 2
ZWN055L6C	10,496	208-230/3/60	See footnote 2
ZWN055L6D	10,743	460/3/60	See footnote 2
ZWN060L6C	11,844	208-230/3/60	See footnote 2
ZWN060L6D	12,493	460/3/60	See footnote 2
Hermetic Medium (R-22)			
HWN015X6B	4,430	208-230/1/60	-
HWN015X6C	4,664	208-230/3/60	-
HWN020X6B	4,928	208-230/1/60	-
HWN020X6C	5,385	208-230/3/60	-
HWN025X6B	5,315	208-230/1/60	-
HWN025X6C	5,726	208-230/3/60	-
HWN025X6D	6,104	460/3/60	-
HWN030X6B	6,308	208-230/1/60	-
HWN030X6C	6,548	208-230/3/60	-
HWN030X6D	6,823	460/3/60	-
HWN032X6B	6,630	208-230/1/60	-
HWN032X6C	6,893	208-230/3/60	-
HWN032X6D	7,133	460/3/60	-
HWN040X6B	8,711	208-230/1/60	-
HWN040X6C	8,916	208-230/3/60	-
HWN040X6D	9,188	460/3/60	-
HWN050X6B	9,636	208-230/1/60	-
HWN050X6C	9,773	208-230/3/60	-
HWN050X6D	10,001	460/3/60	-

Notes:

1. Not Suitable for R-507
2. Scroll "L6" models must have a liquid line option specified.

½ - 6 HP

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
Electrical Options				
DFT.001	Defrost Timer - Air	All H2, X6	Medium temperature applications only.	540
Mechanical Options				
LIQ.001-1	Liquid-line Drier & Sight Glass	005-025	-	508
LIQ.001-2	Liquid-line Drier & Sight Glass	030-060	-	588
LIQ.002-1	Liquid-line Drier, Sight Glass & Solenoid Valve	005-025	-	1,082
LIQ.002-2	Liquid-line Drier, Sight Glass & Solenoid Valve	030-060	-	1,163
SUC.003-1	Suction-line filter	005-025	-	323
SUC.003-2	Suction-line filter	030-060	-	384
SUC.007-1	Suction accumulator	005-025	-	406
SUC.007-2	Suction accumulator	027-060	-	676
SUC.004-1	Suction-line filter & accumulator	005-025	-	729
SUC.004-2	Suction-line filter & accumulator	030-060	-	1,060

1/2 - 6 HP

Factory-Installed Electric Defrost Options

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.

3

If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
DFT.002	Defrost Timer - Electric	005-060 L6, H2, X6 (208-230V)	-	540
DFT.007	Electric Defrost Kit	HWN: 040-050 H2, X6 (208-230V) ZWN: 030-060 X6, L6 (208-230V) All: 015-060 H2, X6, L6 (460V)	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, and (1) lockout relay.	769
SDK.001	InterLink™ Smart Defrost Kit™	005-060 and L6, H2, X6	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836

1/2 - 6 HP

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	291
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608

3/4 - 22 HP

Overview



Product Description:

The 3/4 through 22 HP water-cooled condensing unit product line features semi-hermetic compressors. These condensing units are "vessel-mounted" indoor water-cooled condensing units complete with a shell and tube condenser.

The cleanable condenser is perfect for applications where air-cooled condensers would not be practical and/or areas where water is readily available.

These units provide an economical, compact alternative to traditional air-cooled condensing units.

Certifications:



Cabinet & Construction

- Component location and unit size are optimized for easy field replacement and space limited applications

Serviceability

- Spacious, pre-painted electrical box
- Pump-down switch
- Easy access refrigerant piping
- Captive door fasteners
- Single electrical connection location
- Removable electrical box provides convenient front access to the oil pump and compressor

Quality

- Pre-bent tubing reduces the possibility of leaks
- Shipped with a dry nitrogen holding charge
- Heavy duty metal base plate
- Non-metallic conduit on all wiring runs

Components

- Semi-hermetic reciprocating compressors
- Rigid mounted compressors on models 0075-0400 and spring mounted compressors with suction and discharge vibration eliminators on models 0499 and above
- Fixed low pressure switch (adjustable on low temperature models)
- Fixed high pressure switch
- Sealed liquid line filter drier and sight glass

Nomenclature

S	W	N	0075	L	6	B
Compressor	Model	Application	Model Size	Operating Range	Refrigerant	Electrical Code
S = Semi-Hermetic Reciprocating	W = Water Cooled	N = Indoor	0075-2200	H = High L = Low M = Medium E = Extra Low	2 = R-22 6 = R-404A/507	B = 208/230/1/60 C = 208-230/3/60 D = 460/3/60 E = 575/3/60

¾ - 22 HP

Configurable Models Pricing

Standard Features

- Solid mounted semi-hermetic Reed and Discus® compressors up to and including 0400
- Spring mounted compressor 0499 and above
- Oil pressure switch (where required)
- High-low pressure controls
- Compressor contactor
- Shell and tube water-cooled condenser with pressure relief
- Liquid-line filter drier and sight glass
- Pump-down switch

Need to customize? Look at the factory-installed options starting on page 183.

Bohn Model	List Price (\$US)	Voltage	Notes
Semi-Hermetic Medium Temperature (R-404A/507)			
SWN0090M6B	9,069	208-230/1/60	-
SWN0090M6C	9,191	208-230/3/60	-
SWN0199M6B	10,635	208-230/1/60	-
SWN0199M6C	10,702	208-230/3/60	-
SWN0200M6C	11,867	208-230/3/60	-
SWN0310M6C	13,910	208-230/3/60	-
SWN0310M6D	15,274	460/3/60	-
SWN0310M6E	15,577	575/3/60	-
SWN0500M6C	16,347	208-230/3/60	-
SWN0500M6D	17,827	460/3/60	-
Semi-Hermetic Low Temperature (R-404A/507)			
SWN0150L6B	9,868	208-230/1/60	-
SWN0150L6C	9,916	208-230/3/60	-
SWN0150L6D	11,398	460/3/60	-
SWN0200L6C	11,981	208-230/3/60	-
SWN0210L6B	12,164	208-230/1/60	-
SWN0210L6C	11,981	208-230/3/60	-
SWN0210L6D	13,513	460/3/60	-
SWN0210L6E	13,782	575/3/60	-
SWN0310E6C	13,581	208-230/3/60	-
SWN0310E6D	15,110	460/3/60	-
SWN0310L6C	13,581	208-230/3/60	-
SWN0310L6D	15,110	460/3/60	-
SWN0310L6E	15,410	575/3/60	-
SWN0311L6C	16,315	208-230/3/60	-
SWN0311L6D	17,843	460/3/60	-
SWN0311L6E	18,199	575/3/60	-
SWN0400L6C	17,494	208-230/3/60	-
SWN0400L6D	19,056	460/3/60	-
SWN0400L6E	19,436	575/3/60	-
SWN0599L6C	18,013	208-230/3/60	-
SWN0599L6D	19,542	460/3/60	-
SWN0599L6E	19,937	575/3/60	-
SWN0600L6C	19,207	208-230/3/60	-
SWN0600L6D	20,736	460/3/60	-
SWN0600L6E	21,151	575/3/60	-
SWN0601L6C	20,401	208-230/3/60	-

Bohn Model	List Price (\$US)	Voltage	Notes
SWN0601L6D	21,933	460/3/60	-
SWN0601L6E	22,373	575/3/60	-
SWN0750L6C	22,046	208-230/3/60	-
SWN0750L6D	23,926	460/3/60	-
SWN0750L6E	24,405	575/3/60	-
SWN0900L6C	24,506	208-230/3/60	-
SWN0900L6D	26,388	460/3/60	-
SWN0900L6E	26,915	575/3/60	-
SWN1000L6C	26,907	208-230/3/60	-
SWN1000L6D	27,768	460/3/60	-
SWN1000L6E	28,323	575/3/60	-
SWN1500L6C	32,572	208-230/3/60	-
SWN1500L6D	33,402	460/3/60	-
SWN1500L6E	34,070	575/3/60	-
SWN2200L6C	38,134	208-230/3/60	-
SWN2200L6D	38,960	460/3/60	-
SWN2200L6E	39,737	575/3/60	-
Semi-Hermetic Medium & High Temperature (R-22)			
SWN0075H2B	8,953	208-230/1/60	-
SWN0075H2C	8,882	208-230/3/60	-
SWN0090H2B	9,336	208-230/1/60	-
SWN0090H2C	9,224	208-230/3/60	-
SWN0100H2B	9,336	208-230/1/60	-
SWN0100H2C	9,224	208-230/3/60	-
SWN0100H2D	10,863	460/3/60	-
SWN0150H2B	9,953	208-230/1/60	-
SWN0150H2C	10,005	208-230/3/60	-
SWN0150H2D	11,647	460/3/60	-
SWN0200H2C	11,974	208-230/3/60	-
SWN0200H2D	13,666	460/3/60	-
SWN0200H2E	14,218	575/3/60	-
SWN0300H2C	14,179	208-230/3/60	-
SWN0300H2D	15,876	460/3/60	-
SWN0300H2E	16,196	575/3/60	-
SWN0499H2C	18,798	208-230/3/60	-
SWN0499H2D	20,494	460/3/60	-
SWN0499H2E	20,902	575/3/60	-
SWN0500H2C	19,581	208-230/3/60	-

$\frac{3}{4}$ - 22 HP

Configurable Models Pricing

Bohn Model	List Price (\$US)	Voltage	Notes
SWN0500H2D	21,274	460/3/60	-
SWN0500H2E	21,699	575/3/60	-
SWN0750H2C	22,600	208-230/3/60	-
SWN0750H2D	24,684	460/3/60	-
SWN0750H2E	25,172	575/3/60	-
SWN0760H2C	22,600	208-230/3/60	-
SWN0760H2D	24,684	460/3/60	-
SWN0760H2E	25,172	575/3/60	-
SWN0761H2C	24,384	208-230/3/60	-
SWN0761H2D	26,465	460/3/60	-
SWN0761H2E	26,993	575/3/60	-
SWN1000H2C	28,458	208-230/3/60	-
SWN1000H2D	29,373	460/3/60	-
SWN1000H2E	29,961	575/3/60	-
SWN1500H2C	31,928	208-230/3/60	-
SWN1500H2D	32,837	460/3/60	-
SWN1500H2E	33,493	575/3/60	-
SWN2000H2C	36,632	208-230/3/60	-
SWN2000H2D	37,550	460/3/60	-
SWN2000H2E	38,301	575/3/60	-
SWN0075M2B	8,953	208-230/1/60	-
SWN0075M2C	8,882	208-230/3/60	-
SWN0200M2C	11,974	208-230/3/60	-
SWN0200M2D	13,666	460/3/60	-

¾ - 22 HP

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
Electrical Options				
DFT.001	Defrost Timer - Air	All H2, M2, M6	Medium temperature applications only.	540
CBK.001-1	Circuit Breakers (Compressor & Control Circuit)	0075-0311 (208-230/1/60 or 230V/1/60)	-	471
CBK.001-2	Circuit Breakers (Compressor & Control Circuit)	0075-2000 (230V/3/60)	-	556
CBK.001-3	Circuit Breakers (Compressor & Control Circuit)	0100-2200 (460V/3/60)	-	1,332
CBK.001-4	Circuit Breakers (Compressor & Control Circuit)	2200L6C	-	2,102
CCH.001	Crankcase Heater	All	-	306
SW.002	Dual pressure control with adjustable high & low pressure settings	All	-	149
Mechanical Options				
LIQ.003	Replaceable core liquid-line filter drier & sight glass	0300-2200	-	828
LIQ.002-1	Liquid-line solenoid valve	0075-0400	Not recommended on applications with line runs more than 25 feet.	600
LIQ.002-2	Liquid-line solenoid valve	0499-0900	Not recommended on applications with line runs more than 25 feet.	672
LIQ.002-3	Liquid-line solenoid valve	1000-2200	Not recommended on applications with line runs more than 25 feet.	920
CMT.002	Spring Mounted Compressor	0075-0400	Includes discharge and suction vibration eliminators. Standard on 0499 and above	408
SUC.003-1	Suction-line filter	0075-0210	-	339
SUC.003-2	Suction-line filter	0300-0400	-	777
SUC.005	Replaceable core suction-line filter	0300-0400	-	1,221
SUC.007-1	Suction accumulator	0075-0210	-	505
SUC.007-2	Suction accumulator	0300-0400	-	786
SUC.010	Suction-line filter	0499-2200	-	1,199
SUC.012	Replaceable core suction-line filter	0500-2200	-	1,221
SUC.014-1	Suction accumulator	0499-1000	-	1,257
SUC.014-2	Suction accumulator	1500H2-2000H2 & 1500L6-2200L6	-	2,296
DIS.001	Oil separator with discharge line check valve	0300-0400	-	1,272
DIS.009-1	Oil separator with discharge line check valve	0499-0500	-	1,272
DIS.009-2	Oil separator with discharge line check valve	0599-1000	-	1,343
DIS.009-3	Oil separator with discharge line check valve	1500-2200	-	1,589

¾ - 22 HP

Factory-Installed Electric Defrost Options

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

1

Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.

2

For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.

3

If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
DFT.028-1	Electric Defrost Kit (Low Amps)	0075-1000, 1500-2200 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	949
DFT.028-2	Electric Defrost Kit (Low Amps)	1500-2200 (230V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,394
DFT.029-1	Electric Defrost Kit (High Amps)	0150H2B, 0199M6B, 0300-0601, 0750-1000 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	949
DFT.029-2	Electric Defrost Kit (High Amps)	0750-1000 (230V), 1500-2200	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,394
DEF.067-1	Fuses for electric defrost kits (Low Amps)	0075-1000	-	392
DEF.067-2	Fuses for electric defrost kits (Low Amps)	1500-2200	-	556
DEF.068-1	Fuses for electric defrost kits (High Amps)	0150H2B, 0199M6B, 0300-0601	-	392
DEF.068-2	Fuses for electric defrost kits (High Amps)	0750-2200	-	556
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836

3/4 - 22 HP

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
2935028	Water Regulating Valve	0075-0311	-	359
2935031	Water Regulating Valve	0400-0601	-	359
2935041	Water Regulating Valve	0750-0900	-	1,152
2935042	Water Regulating Valve	1000, 1500L6, 2200L6	-	1,152
87409001	Water Regulating Valve	1500H2, 2000H2	-	3,098
50055901	Two Tier Rack (Small)	0075 - 1000	-	3,255
50055902	Two Tier Rack (Large)	1500 - 2200	-	3,255

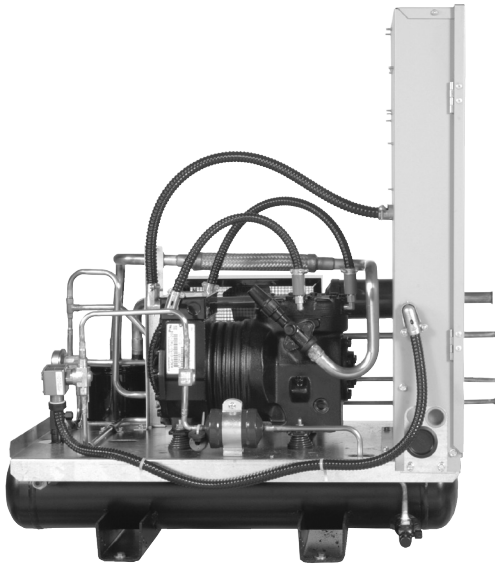
Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	291
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516

3/4 - 22 HP

Overview



Product Description

The indoor SRN and ZRN remote compressor units feature semi-hermetic or Scroll® compressors. These units are specially designed for use in supermarket restaurant, warehouse and other commercial and industrial applications.

The design focuses on easy of installation and maintenance along with the flexibility to fit most application requirements.

Certifications



Cabinet & Construction

- Spacious, pre-painted electrical box
- Fixed low pressure switch (adjustable on low temp models)
- Fixed high pressure switch
- Pump down switch
- 230V control circuit transformer on 460V units
- Standard 16-3/4" tall box - (large 29-1/4" tall box is standard when defrost components are selected)
- Sealed liquid line filter drier and sight glass

Serviceability

- Easy access refrigerant piping
- Captive door fasteners
- Single electrical connection location
- Removable electrical box provides convenient front access to the oil pump and compressor

Quality

- Every unit is subjected to a helium leak test to ensure the unit is leak free
- Shipped with nitrogen holding charge to enable installer to verify unit is leak-free upon arrival
- All the units are completely leak tested in a helium environment, compressor is bump tested and high and low pressure controls are cycled. Each unit has a copy of the run data shipped inside the electrical panel.

Components

- Pre-bent tubing reduces the possibility of leaks
- Shipped with dry nitrogen charge
- Heavy duty base plate
- Non-metallic conduit on all wiring runs

Nomenclature

S	R	N	020	H	2	C
Compressor	Model	Application	Model Size	Operating Range	Refrigerant	Electrical Code
S = Semi-Hermetic Reciprocating Z = Remote Scroll®	R = Remote	N = Indoor	020-2200	H = High L = Low M = Medium E- Extra Low X = Extended Temp.	2 = R-22 6 = R-404A/507	B = 208/230/1/60 C = 208-230/3/60 D = 460/3/60 E = 575/3/60

3/4 - 22 HP

Configurable Models Pricing

Standard Features

- Solid mounted semi-hermetic Reed and Discus® compressors up to and including 0400
- Spring mounted compressor 0499 and above
- Oil pressure switch (where required)
- High-low pressure controls
- Compressor contactor
- Liquid receiver with pressure relief
- Liquid-line filter drier and sight glass
- Pump-down switch

Need to customize? Look at the factory-installed options starting on page 189.

Bohn Model	List Price (\$US)	Voltage	Notes
Semi-Hermetic Medium Temperature R-404A/507			
SRN0090M6B	7,712	208-230/1/60	-
SRN0090M6C	7,848	208-230/3/60	-
SRN0199M6B	9,079	208-230/1/60	-
SRN0199M6C	9,032	208-230/3/60	-
SRN0200M6C	10,048	208-230/3/60	-
SRN0310M6C	11,119	208-230/3/60	-
SRN0310M6D	12,482	460/3/60	-
SRN0310M6E	12,730	575/3/60	-
SRN0500M6C	12,983	208-230/3/60	-
SRN0500M6D	14,756	460/3/60	-
SRN0500M6E	15,052	575/3/60	-
Semi-Hermetic Low Temperature R-404A/507			
SRN0150L6B	8,230	208-230/1/60	-
SRN0150L6C	8,219	208-230/3/60	-
SRN0150L6D	9,750	460/3/60	-
SRN0200L6C	10,161	208-230/3/60	-
SRN0210L6B	10,161	208-230/1/60	-
SRN0210L6C	10,344	208-230/3/60	-
SRN0210L6D	11,694	460/3/60	-
SRN0210L6E	11,929	575/3/60	-
SRN0310E6C	11,203	208-230/3/60	-
SRN0310E6D	12,732	460/3/60	-
SRN0310L6C	11,203	208-230/3/60	-
SRN0310L6D	12,732	460/3/60	-
SRN0310L6E	12,989	575/3/60	-
SRN0311L6C	13,392	208-230/3/60	-
SRN0311L6D	14,922	460/3/60	-
SRN0311L6E	15,219	575/3/60	-
SRN0400L6C	14,676	208-230/3/60	-
SRN0400L6D	16,206	460/3/60	-
SRN0400L6E	16,532	575/3/60	-
SRN0599L6C	15,265	208-230/3/60	-
SRN0599L6D	16,795	460/3/60	-
SRN0599L6E	17,131	575/3/60	-
SRN0600L6C	15,373	208-230/3/60	-
SRN0600L6D	16,901	460/3/60	-
SRN0600L6E	17,238	575/3/60	-
SRN0601L6C	16,113	208-230/3/60	-
SRN0601L6D	17,643	460/3/60	-
SRN0601L6E	17,996	575/3/60	-
SRN0750L6C	18,828	208-230/3/60	-
SRN0750L6D	20,712	460/3/60	-
SRN0750L6E	21,125	575/3/60	-
SRN0900L6C	19,892	208-230/3/60	-
SRN0900L6D	21,771	460/3/60	-

Bohn Model	List Price (\$US)	Voltage	Notes
SRN0900L6E	22,210	575/3/60	-
SRN1000L6C	21,999	208-230/3/60	-
SRN1000L6D	22,200	460/3/60	-
SRN1000L6E	22,644	575/3/60	-
SRN1500L6C	26,252	208-230/3/60	-
SRN1500L6D	27,082	460/3/60	-
SRN1500L6E	27,625	575/3/60	-
SRN2200L6C	30,148	208-230/3/60	-
SRN2200L6D	30,977	460/3/60	-
SRN2200L6E	31,597	575/3/60	-
Semi-Hermetic High Temperature R-22			
SRN0075H2B	7,636	208-230/1/60	-
SRN0075H2C	7,554	208-230/3/60	-
SRN0090H2B	7,844	208-230/1/60	-
SRN0090H2C	7,725	208-230/3/60	-
SRN0100H2B	8,008	208-230/1/60	-
SRN0100H2C	7,888	208-230/3/60	-
SRN0100H2D	9,463	460/3/60	-
SRN0150H2B	8,161	208-230/1/60	-
SRN0150H2C	8,213	208-230/3/60	-
SRN0150H2D	9,858	460/3/60	-
SRN0200H2C	9,959	208-230/3/60	-
SRN0200H2D	11,657	460/3/60	-
SRN0200H2E	11,890	575/3/60	-
SRN0300H2C	10,721	208-230/3/60	-
SRN0300H2D	12,415	460/3/60	-
SRN0300H2E	12,664	575/3/60	-
SRN0499H2C	14,296	208-230/3/60	-
SRN0499H2D	16,317	460/3/60	-
SRN0499H2E	16,644	575/3/60	-
SRN0500H2C	15,624	208-230/3/60	-
SRN0500H2D	17,317	460/3/60	-
SRN0500H2E	17,663	575/3/60	-
SRN0750H2C	16,715	208-230/3/60	-
SRN0750H2D	18,643	460/3/60	-
SRN0750H2E	19,017	575/3/60	-
SRN0760H2C	17,416	208-230/3/60	-
SRN0760H2D	19,498	460/3/60	-
SRN0760H2E	19,888	575/3/60	-
SRN0761H2C	18,979	208-230/3/60	-
SRN0761H2D	21,064	460/3/60	-
SRN0761H2E	21,483	575/3/60	-
SRN1000H2C	20,655	208-230/3/60	-
SRN1000H2D	21,553	460/3/60	-
SRN1000H2E	21,984	575/3/60	-
SRN1500H2C	23,760	208-230/3/60	-

¾ - 22 HP

Configurable Models Pricing

Bohn Model	List Price (\$US)	Voltage	Notes
SRN1500H2D	24,674	460/3/60	-
SRN1500H2E	25,167	575/3/60	-
SRN2000H2C	26,261	208-230/3/60	-
SRN2000H2D	27,173	460/3/60	-
SRN2000H2E	27,718	575/3/60	-
Semi-Hermetic Medium Temperature R-22			
SRN0075M2B	7,554	208-230/1/60	-
SRN0075M2C	7,636	208-230/3/60	-
SRN0200M2C	9,959	208-230/3/60	-
SRN0200M2D	11,657	460/3/60	-
Scroll Extended Temperature R-404A/507			
ZRN020X6B	7,071	208-230/1/60	-
ZRN020X6C	7,186	208-230/3/60	-
ZRN020X6D	7,585	460/3/60	-
ZRN025X6B	6,945	208-230/1/60	-
ZRN025X6C	7,062	208-230/3/60	-
ZRN025X6D	7,460	460/3/60	-
ZRN030X6B	7,509	208-230/1/60	-
ZRN030X6C	7,624	208-230/3/60	-
ZRN030X6D	8,024	460/3/60	-
ZRN035X6B	7,384	208-230/1/60	-
ZRN035X6C	7,507	208-230/3/60	-
ZRN035X6D	7,791	460/3/60	-
ZRN045X6B	7,740	208-230/1/60	-
ZRN045X6C	7,877	208-230/3/60	-
ZRN045X6D	8,152	460/3/60	-
ZRN055X6B	7,568	208-230/1/60	-
ZRN055X6C	7,710	208-230/3/60	-
ZRN055X6D	8,151	460/3/60	-
ZRN060X6C	8,612	208-230/3/60	-
ZRN060X6D	8,803	460/3/60	-
Scroll Medium Temperature R-404A/507			
ZRN0650M6C	12,152	208-230/3/60	-
ZRN0650M6D	14,035	460/3/60	-
ZRN0650M6E	14,388	575/3/60	-
ZRN0700M6C	13,023	208-230/3/60	-
ZRN0700M6D	14,908	460/3/60	-
ZRN0700M6E	15,287	575/3/60	-
ZRN0750M6C	13,403	208-230/3/60	-
ZRN0750M6D	15,288	460/3/60	-
ZRN0750M6E	15,667	575/3/60	-
ZRN0860M6C	14,568	208-230/3/60	-
ZRN0860M6D	15,381	460/3/60	-
ZRN0860M6E	15,770	575/3/60	-
ZRN1000M6C	17,468	208-230/3/60	-
ZRN1000M6D	18,294	460/3/60	-
ZRN1000M6E	18,740	575/3/60	-
ZRN1400M6C	19,710	208-230/3/60	-
ZRN1400M6D	20,536	460/3/60	-
ZRN1400M6E	20,981	575/3/60	-
Scroll Low Temperature R-404A/507			
ZRN020L6B	7,724	208-230/1/60	-
ZRN020L6C	7,864	208-230/3/60	-
ZRN020L6D	9,015	460/3/60	-

Bohn Model	List Price (\$US)	Voltage	Notes
ZRN025L6B	8,030	208-230/1/60	-
ZRN025L6C	8,170	208-230/3/60	-
ZRN025L6D	9,319	460/3/60	-
ZRN030L6B	8,511	208-230/1/60	-
ZRN030L6C	8,651	208-230/3/60	-
ZRN030L6D	9,801	460/3/60	-
ZRN035L6B	8,817	208-230/1/60	-
ZRN035L6C	8,959	208-230/3/60	-
ZRN035L6D	9,194	460/3/60	-
ZRN045L6B	9,243	208-230/1/60	-
ZRN045L6C	9,377	208-230/3/60	-
ZRN045L6D	9,613	460/3/60	-
ZRN055L6B	9,461	208-230/1/60	-
ZRN055L6C	9,589	208-230/3/60	-
ZRN055L6D	9,835	460/3/60	-
ZRN060L6C	10,744	208-230/3/60	-
ZRN060L6D	11,393	460/3/60	-
ZRN0750L6C	14,652	208-230/3/60	-
ZRN0750L6D	16,180	460/3/60	-
ZRN0750L6E	16,518	575/3/60	-
ZRN1000L6C	18,226	208-230/3/60	-
ZRN1000L6D	20,110	460/3/60	-
ZRN1000L6E	20,523	575/3/60	-
ZRN1300L6C	19,722	208-230/3/60	-
ZRN1300L6D	21,602	460/3/60	-
ZRN1300L6E	22,041	575/3/60	-
ZRN1500L6C	21,462	208-230/3/60	-
ZRN1500L6D	21,661	460/3/60	-
ZRN1500L6E	22,106	575/3/60	-

¾ - 22 HP

Factory-Installed Options

Need Factory-Installed Options?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
Electrical Options				
DFT.001	Defrost Timer - Air	All H2, M2, M6, X6	Medium temperature applications only.	540
CBK.001-1	Circuit Breakers (Compressor & Control Circuit)	0075-0311 (208-230/1/60 or 230V/1/60)	-	471
CBK.001-2	Circuit Breakers (Compressor & Control Circuit)	0075-2000 (230V/3/60)	-	556
CBK.001-3	Circuit Breakers (Compressor & Control Circuit)	0100-2200 (460V/3/60)	-	1,332
CBK.001-4	Circuit Breakers (Compressor & Control Circuit)	2200L6C	-	2,102
CCH.001	Crankcase Heater	All SRN	-	306
SW.002	Dual pressure control with adjustable high & low pressure settings	0075-2200	-	149
Mechanical Options				
LIQ.001	Liquid-line filter drier & sight glass	020-060 ZRN	Required on all L6 models with scroll compressors.	588
LIQ.002-1	Liquid-line solenoid valve	0075-0400	Not recommended on applications with line runs more than 25 feet.	600
LIQ.002-2	Liquid-line solenoid valve	0499-0900 SRN, 0650-0750M6 ZRN, 0750-1300L6 ZRN	Not recommended on applications with line runs more than 25 feet.	672
LIQ.002-3	Liquid-line solenoid valve	1000-2200 SRN, 0860-1400M6 ZRN, 1500L6 ZRN	Not recommended on applications with line runs more than 25 feet.	920
LIQ.002-4	Liquid-line solenoid valve	020-060 ZRN	Not recommended on applications with line runs more than 25 feet.	1,163
LIQ.003	Replaceable core liquid-line filter drier & sight glass	0300-2200 SRN, 0650-1500 ZRN	-	828
SUC.003-1	Suction-line filter	0075-0210 SRN	-	339
SUC.003-2	Suction-line filter	020-060 ZRN	-	384
SUC.003-3	Suction-line filter	0750-1500L6 ZRN	-	777
SUC.003-4	Suction-line filter	0650-1400M6 ZRN	-	1,199
SUC.005	Replaceable core suction-line filter	0310-0400 SRN, 0650-1500 ZRN	-	1,221
SUC.010	Suction-line filter	0499-2200 SRN	-	1,199
SUC.012	Replaceable core suction-line filter	0300 & 0499-2200 SRN	-	1,221
SUC.007-1	Suction accumulator	0075-0210 SRN	-	505
SUC.007-2	Suction accumulator	020-060 ZRN	-	676
SUC.007-3	Suction accumulator	0300-0400 SRN, 0750L6-1500L6 ZRN	-	786
SUC.007-4	Suction accumulator	0650M6-1400M6 ZRN	-	1,257
SUC.014-1	Suction accumulator	0499-1000 SRN	-	1,257
SUC.014-2	Suction accumulator	1500-2200 SRN	-	2,296
DIS.001-1	Oil separator with discharge line check valve	0300-0400 SRN, 0750L6-1500L6 ZRN	-	1,272
DIS.001-2	Oil separator with discharge line check valve	0650M6-1400M6 ZRN	-	1,343
DIS.004-1	Head pressure control flooding valve, fixed	020-060 ZRN	-	479
DIS.004-2	Head pressure control flooding valve, fixed	0075-0400 SRN, 0650-1500 ZRN	-	490
DIS.009-1	Oil separator with discharge line check valve	0499-0500 SRN	-	1,272
DIS.009-2	Oil separator with discharge line check valve	0599-1000 SRN	-	1,343
DIS.009-3	Oil separator with discharge line check valve	1500-2200 SRN	-	1,589
DIS.010-1	Head pressure control flooding valve, fixed	0499-1000 SRN	-	490
DIS.010-2	Head pressure control flooding valve, fixed	1500-2200 SRN	-	831

¾ - 22 HP

Factory-Installed Electric Defrost Options

Need an electric defrost timer or kit?

- Make sure you have selected a configurable model. When ordering, remember to specify the option codes and list price adders for each selected option.
- Electric defrost kits and components are available to be factory mounted in the electrical box of indoor or outdoor condensing units used in medium/low temp applications with electric defrost evaporators.

Selecting the proper kit is as easy as ...

- 1 Add up the total fan motor amps and electric heater amps for all evaporators in the refrigeration system.
- 2 For the selected condensing unit, find the rated defrost power amps for both the fan motor amps and electric heater amps.
- 3 If the evaporator total fan motor amps and electric defrost heater amps calculated in Step 1 are less than the condensing unit's rated defrost power amps found in Step 2 then proceed below to select the appropriate kit/components and list price adders. If not then contact your local Sales Representative or Account Engineer for assistance.

Definitions

Electric Defrost Timer

Initiates and terminates defrost cycles based on a predetermined time schedule.

Lockout Relay

Prevents the electric defrost heaters from energizing when the compressor is in operation. Not available on electric defrost timer only options.

Fan Contactor

Carries amperage load for evaporator fan motors.

Heater Contactor

Carries amperage load for evaporator electric defrost heaters.

InterLink™ Smart Defrost Kit™ (SDK)

The InterLink™ SDK is a revolutionary product that is designed to be used on any electric defrost walk-in freezer system with an electro-mechanical defrost timer set for three or more scheduled defrosts per day. The InterLink™ SDK accurately estimates frost accumulation on the evaporator coil and decides if it can skip the preprogrammed defrost period that is set on the defrost timer. This helps eliminate unneeded defrost cycles, saving energy and increasing product integrity

Option Code	Description	Models Used On	Notes	List Price Adder (\$US)
DFT.002	Defrost Timer - Electric	ZRN: 020-060X6/L6	-	540
DFT.007	Electric Defrost Kit	ZRN: 020-060X6/L6	Includes (1) electric defrost timer, (1) heater & (1) fan contactors, and (1) lockout relay.	769
DFT.028-1	Electric Defrost Kit (Low Amps)	SRN: 0075-1000 & 1500-2200 (460V); ZRN: 0650-0860 (230V) & 0650-1500 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	949
DFT.028-2	Electric Defrost Kit (Low Amps)	SRN: 1500-2200 (230V); ZRN: 1000-1400M6 (230V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,394
DFT.029-1	Electric Defrost Kit (High Amps)	SRN: 0150H2B, 0199M6B, 0300-0601, 0750-1000 (460V); ZRN: 0750L6 (230V), 0650-0860M6/L6 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	949
DFT.029-2	Electric Defrost Kit (High Amps)	SRN: 0750-1000 (230V), 1500-2200; ZRN: M6 (230V), 1000-1500L6 (230V), 1000-1400M6 (460V)	Includes (1) electric defrost timer, (1 or 2) heater & (1) fan contactors, terminal strip	1,394
DEF.067-1	Fuses for electric defrost kits (Low Amps)	SRN: 0075-1000; ZRN: 0560-0860M6, 0750-1500L6	-	392
DEF.067-2	Fuses for electric defrost kits (Low Amps)	SRN: 1500-2200; ZRN: 1000-1400M6	-	556
DEF.068-1	Fuses for electric defrost kits (High Amps)	SRN: 0150H2B, 0199M6B, 0300-0601; ZRN: 0750L6	-	392
DEF.068-2	Fuses for electric defrost kits (High Amps)	SRN: 0750-2200; ZRN: 0650-1400M6, 1000-1500L6	-	556
SDK.001	InterLink™ Smart Defrost Kit™	All	Can not be used alone. Must also select a electric defrost timer or electric defrost kit.	836

3/4 - 22 HP

Shipped-Loose Accessories

A wide range of shipped-loose accessories are available to order. Can't Find Something? Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	Notes	List Price (\$US)
Mechanical Options				
50055901	Two Tier Rack (Small)	0075 - 1000, 020 - 060	-	3,255
50055902	Two Tier Rack (Large)	1500 - 2200	-	3,255

Crankcase Pressure Regulator (CPR) Valves

A selection program must be used to pick the proper valve. The selection program requires the following inputs: system capacity, suction temperature, and maximum holding temperature. Not available for use on Beacon II™ Outdoor units. Should not be used with MOP type expansion valves in unit coolers. Please contact your local Sales Representative or Account Engineer for assistance.

Size	Part Number	List Price (\$US)
5/8"	2930142	291
7/8"	29346101	400
1 1/8"	29399012	588
1 3/8"	4227W	1,608
1 5/8"	4262Q	2,516

Top Mount

Overview



Product Description

The PRO³ Top Mount packaged refrigeration system, designed to maximize storage space inside walk-in coolers and freezers, is ideal for small- to medium-sized restaurant and convenience store applications where holding temperature is the primary goal. The system combines evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy. The reduced refrigerant charge, compared to comparable split systems, and availability of EC motors, for increased energy efficiency, makes this product line qualified to be included in the **E Solutions™** product portfolio.

Certifications



Features and Benefits

Ease of Installation and Service

- Installation takes a fraction of the time required for a split system: no piping or loose components to install, refrigerant is pre-charged at factory and a field superheat adjustment is not required (see installation manual for more information)
- No drain line required on indoor models - come standard with a condensate evaporation pan
- Flexible design allows for multiple installation methods: optimized for indoor use, but outdoor models available with weatherhood installed. Outdoor models also come with: crankcase heater, drain line heater and fan-cycling for head pressure control
- Maximizes storage area in a cooler or freezer: evaporator grill mounts flush on a standard 4" or a recessed 5 1/2" ceiling panel

Ease of Use

- System is factory-assembled, evacuated, charged, run-tested and wired; no additional components or refrigerant charging required; most models come with a 26" power cord ready to plug-in
- Controls preset for typical applications: +38° F for high temp. coolers, +35° F for medium temp. coolers, -10° F for freezers and are easy to adjust

Reliable & Durable

- Electronic control provides accurate temperature control
- Liquid-line filter drier (medium and large cabinet only)
- Two-year parts warranty

Energy Efficient & Environmentally Friendly

- Optional EC motors available for evaporator section only
- Reduced refrigerant charge: system uses approximately 10 percent* of refrigerant required for a comparable split system

* Results may vary. Estimate based on a typical 25-foot refrigerant line length.

Nomenclature

P	T	N	072	H	6	B	H
Product Line	Design Orientation	Application	Model Size	Nominal Capacity	Refrigerant	Voltage	Motor
P = PRO3 Packaged Refrigeration System	T = Top Mount	N = Indoor T = Outdoor	# x 100 = BTUH	H = High/ Medium L = Low M = Medium	6 = R-404A	A = 115/1/60 B = 208-230/1/60 C = 208-230/3/60	H = PC E = EC (evap. only)

PRO³ Packaged Refrigeration System

BOHN

Top Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Medium & High Temperature - Air Defrost - Cooler Applications (R-404A)							
PTN026H6AE	5,526	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN026H6AH	5,209	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN031H6AE	6,073	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN031H6AH	5,686	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN042H6AE	6,295	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN042H6AH	6,193	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN050H6AE	8,241	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN050H6AH	7,885	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN050H6BE	8,248	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN050H6BH	8,112	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN067H6BE	9,428	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN067H6BH	8,369	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN076H6BE	10,222	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN076H6BH	9,379	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN104H6BE	11,996	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN104H6BH	10,298	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN104H6CE	11,243	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN104H6CH	10,218	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN133H6BE	13,449	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN133H6BH	11,611	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN133H6CE	12,351	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN133H6CH	11,351	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT050H6BE	9,338	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT050H6BH	8,939	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT067H6BE	10,387	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT067H6BH	9,565	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT076H6BE	11,133	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT076H6BH	10,276	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT104H6BE	12,534	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT104H6BH	11,362	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT104H6CE	12,493	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT104H6CH	11,348	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT133H6BE	13,742	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT133H6BH	12,672	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT133H6CE	13,662	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT133H6CH	12,459	Outdoor	208-230/3/60	PSC Motor	-	-	Large

Section 2

Federal Regulation Requires EC Motors!
Energy Independence and Security Act of 2007 (H.R. 6)
 Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

Top Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Medium Temperature - Electric Defrost - Cooler Applications (R-404A)							
PTN024M6AE	5,608	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN024M6AH	5,289	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN029M6AE	6,157	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN029M6AH	5,767	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN040M6AE	6,477	Indoor	115/1/60	EC Motor	Yes	5-20R	Small
PTN040M6AH	6,374	Indoor	115/1/60	PSC Motor	Yes	5-20R	Small
PTN047M6AE	8,418	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN047M6AH	8,061	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN047M6BE	8,860	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN047M6BH	8,192	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN063M6BE	9,563	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN063M6BH	8,405	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN072M6BE	10,355	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN072M6BH	9,511	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN099M6BE	12,405	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN099M6BH	11,670	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN099M6CE	12,111	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN099M6CH	11,567	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN128M6BE	13,930	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Large
PTN128M6BH	12,282	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Large
PTN128M6CE	13,392	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN128M6CH	12,203	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT047M6BE	9,454	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT047M6BH	9,056	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT063M6BE	10,676	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT063M6BH	9,687	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT072M6BE	11,237	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT072M6BH	10,409	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT099M6BE	12,787	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT099M6BH	11,600	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT099M6CE	12,736	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT099M6CH	11,594	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT128M6BE	14,015	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT128M6BH	12,951	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT128M6CE	13,924	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT128M6CH	12,722	Outdoor	208-230/3/60	PSC Motor	-	-	Large

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

PRO³ Packaged Refrigeration System

BOHN

Top Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Plug Supplied	Matching NEMA Receptacle	Cabinet Size
Low Temperature - Electric Defrost - Freezer Applications (R-404A)							
PTN021L6AE	9,461	Indoor	115/1/60	EC Motor	Yes	5-20R	Medium
PTN021L6AH	9,068	Indoor	115/1/60	PSC Motor	Yes	5-20R	Medium
PTN021L6BE	9,486	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN021L6BH	9,068	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN031L6BE	10,799	Indoor	208-230/1/60	EC Motor	Yes	6-15R	Medium
PTN031L6BH	9,919	Indoor	208-230/1/60	PSC Motor	Yes	6-15R	Medium
PTN044L6BE	12,304	Indoor	208-230/1/60	EC Motor	Yes	6-20R	Medium
PTN044L6BH	11,318	Indoor	208-230/1/60	PSC Motor	Yes	6-20R	Medium
PTN052L6BE	14,069	Indoor	208-230/1/60	EC Motor	-	-	Large
PTN052L6BH	12,702	Indoor	208-230/1/60	PSC Motor	-	-	Large
PTN052L6CE	14,064	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN052L6CH	12,702	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTN069L6BE	15,023	Indoor	208-230/1/60	EC Motor	-	-	Large
PTN069L6BH	13,583	Indoor	208-230/1/60	PSC Motor	-	-	Large
PTN069L6CE	15,011	Indoor	208-230/3/60	EC Motor	-	-	Large
PTN069L6CH	13,583	Indoor	208-230/3/60	PSC Motor	-	-	Large
PTT021L6BE	10,705	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT021L6BH	10,265	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT031L6BE	12,158	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT031L6BH	11,247	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT044L6BE	13,861	Outdoor	208-230/1/60	EC Motor	-	-	Medium
PTT044L6BH	12,834	Outdoor	208-230/1/60	PSC Motor	-	-	Medium
PTT052L6BE	15,777	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT052L6BH	14,362	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT052L6CE	15,764	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT052L6CH	14,362	Outdoor	208-230/3/60	PSC Motor	-	-	Large
PTT069L6BE	16,858	Outdoor	208-230/1/60	EC Motor	-	-	Large
PTT069L6BH	15,373	Outdoor	208-230/1/60	PSC Motor	-	-	Large
PTT069L6CE	16,848	Outdoor	208-230/3/60	EC Motor	-	-	Large
PTT069L6CH	15,373	Outdoor	208-230/3/60	PSC Motor	-	-	Large

Section 2

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

Side Mount

Overview



Product Description

The PRO³ Side Mount packaged refrigeration system, designed to maximize storage space inside walk-in coolers and freezers and optimized for outdoor applications, is ideal for small- to medium-sized restaurant and convenience store applications where maximum airflow is essential for pulling down the temperature of foods or beverages. The system combines evaporator and condensing unit into one unit expediting installation time and reducing refrigerant charge — saving time, money, and energy. The reduced refrigerant charge, compared to comparable split systems, and availability of EC motors, for increased energy efficiency, makes this product line qualified to be included in the **E Solutions™** product portfolio.

Certifications



Features and Benefits

Ease of Installation and Service

- Installation takes a fraction of the time required for a split system: refrigerant is pre-charged at factory, superheat adjustment is not required and unit slides into slots in standard walk-in panel (see installation manual for more information)
- Designed for simple serviceability: the condensing unit section's cabinet door can be quickly removed; in addition, the electrical box is located outside the cabinet for easy access
- Flexible design allows for multiple installation methods: Optimized for outdoor use, but can be used indoors as well (with drain connection)
- Lifting lugs and hanging brackets in evaporating section allow for easy installation

Ease of Use

- System is factory-assembled, evacuated, charged, run-tested and wired; no additional components required
- Controls preset for typical applications: +38° F for high temp. coolers, +35° F for medium temp. coolers, -10° F for freezers and are easy to adjust

Performance

- Maximized airflow: evaporator placement in walk-in box with pull through fans
- Suitable for temperature pull-down and holding temperature
- Increased condenser capacity, by avoiding compressor heat
- Improved tolerance in high-ambient conditions
- Electric defrost in medium temperature models, allowing for maximum performance in storage applications just above 32°F
- Fan-cycling for head pressure control
- Crankcase heater
- Drain line heater

Reliable & Durable

- Electronic microprocessor control provides accurate temperature control
- Liquid-line filter drier
- Two-year parts warranty

Energy Efficient & Environmentally Friendly

- Optional EC motors available for evaporator section only
- Reduced refrigerant charge: the PRO³ Side Mount packaged refrigeration system uses approximately 10 percent* of refrigerant required for a comparable split system

* Results may vary. Estimate based on a typical 25-foot refrigerant line length.

Nomenclature

P	S	T	070	L	6	B	H
Product Line	Design Orientation	Application	Model Size	Nominal Capacity	Refrigerant	Voltage	Motor
P = PRO3 Packaged Refrigeration System	S = Side Mount	T = Outdoor	# x 100 = BTUH	H = High/Medium L = Low M = Medium w/ electric defrost	6 = R-404A	B = 208-230/1/60	H = PC E = EC (evap. only)

Side Mount

Standard Models Pricing

Bohn Standard Model	List Price (\$US)	Application Location	Voltage	Evap Fan Motor Type	Cabinet Size
Medium & High Temperature - Air Defrost - Cooler Applications (R-404A)					
PST070H6BE	9,651	Outdoor	208-230/1/60	EC Motor	Small
PST070H6BH	9,288	Outdoor	208-230/1/60	PSC Motor	Small
PST090H6BE	10,197	Outdoor	208-230/1/60	EC Motor	Small
PST090H6BH	9,833	Outdoor	208-230/1/60	PSC Motor	Small
PST131H6BE	11,654	Outdoor	208-230/1/60	EC Motor	Large
PST131H6BH	10,926	Outdoor	208-230/1/60	PSC Motor	Large
PST147H6BE	12,747	Outdoor	208-230/1/60	EC Motor	Large
PST147H6BH	12,019	Outdoor	208-230/1/60	PSC Motor	Large
Medium Temperature - Electric Defrost - Cooler Applications (R-404A)					
PST066M6BE	10,088	Outdoor	208-230/1/60	EC Motor	Small
PST066M6BH	9,724	Outdoor	208-230/1/60	PSC Motor	Small
PST086M6BE	10,634	Outdoor	208-230/1/60	EC Motor	Small
PST086M6BH	10,271	Outdoor	208-230/1/60	PSC Motor	Small
PST124M6BE	12,091	Outdoor	208-230/1/60	EC Motor	Large
PST124M6BH	11,363	Outdoor	208-230/1/60	PSC Motor	Large
PST141M6BE	13,184	Outdoor	208-230/1/60	EC Motor	Large
PST141M6BH	12,456	Outdoor	208-230/1/60	PSC Motor	Large
Low Temperature - Electric Defrost - Freezer Applications (R-404A)					
PST034L6BE	11,836	Outdoor	208-230/1/60	EC Motor	Small
PST034L6BH	11,472	Outdoor	208-230/1/60	PSC Motor	Small
PST051L6BE	12,929	Outdoor	208-230/1/60	EC Motor	Small
PST051L6BH	12,565	Outdoor	208-230/1/60	PSC Motor	Small
PST057L6BE	14,386	Outdoor	208-230/1/60	EC Motor	Large
PST057L6BH	13,658	Outdoor	208-230/1/60	PSC Motor	Large
PST077L6BE	15,479	Outdoor	208-230/1/60	EC Motor	Large
PST077L6BH	14,751	Outdoor	208-230/1/60	PSC Motor	Large

Federal Regulation Requires EC Motors!

Energy Independence and Security Act of 2007 (H.R. 6)

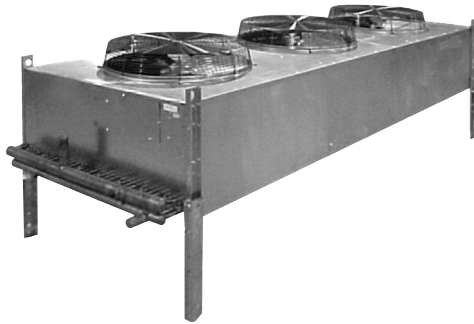
Walk-Ins manufactured on or after 01/01/2009 and under 3,000 square feet in area with single phase evaporator fan motors less than 1 HP and less than 460V must be EC motors.

Need help selecting a model?

Please contact your local Sales Representative or Account Engineer for assistance.

1 - 26 Ton

Overview



Product Description

Direct drive air-cooled condensers, available from 1 through 26 ton models, are the industry standard for remote air-cooled applications. They are designed for efficient performance and low maintenance and are great for many applications.

Certifications



Standard Features

Ease of Installation & Service

- Weatherproof junction box with motor leads terminating for single-point field wiring

Reliable & Durable

- Heavy gauge smooth aluminum cabinet for long life and attractive appearance
- Coated steel fan guards
- Internally protected, permanently lubricated ball bearing motors with automatic reset

Performance

- Fully baffled fan sections to provide structural strength and prevent fan windmilling in the off cycle
- PSC motors come standard to help save on energy costs

Versatile

- Horizontal or vertical air discharge
- Multicircuiting at no additional charge

Nomenclature

DVT	026
Product Line	Size
Direct Drive Air-cooled Condenser	Model

1 - 26 Ton

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field converted to 230/3/60 power.
- Variable speed motor is on the header fan only; All other motors in a 1x2 or 1x3 are fixed speed motors that cycle on or off as needed. Must have variable speed controller (customer supplied or select factory-installed option). Ambient fan cycling is included in the factory-installed variable speed controller package.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)									
		Fan Cycling Options				Electrical Options			Coil Coatings		
		1 PH Amb.	3 PH Amb.	1 PH Press.	3 PH Press.	Ind. Motor Fuses	Sealtite Wiring	Var Sp Controller	BohnGuard™ Coated Fins	ElectroFin Coil	Bronz-Glow Coating
208-230/1/60 with PSC Motors											
DVT001	2,078	-	-	-	-	-	717	-	196	Call Factory	Call Factory
DVT002	2,731	-	-	-	-	-	717	-	219	Call Factory	Call Factory
DVT003	3,047	-	-	-	-	-	717	-	269	Call Factory	Call Factory
DVT005	5,556	-	-	-	-	740	717	-	328	Call Factory	Call Factory
DVT008	7,017	-	-	-	-	740	717	-	522	Call Factory	Call Factory
DVT010	8,577	504	-	918	-	967	1,276	-	588	Call Factory	Call Factory
DVT012	9,631	504	-	918	-	967	1,276	-	648	Call Factory	Call Factory
DVT014	11,015	504	-	918	-	967	1,276	-	784	Call Factory	Call Factory
DVT016	12,073	504	-	918	-	967	1,276	-	960	Call Factory	Call Factory
DVT021	13,920	702	-	1,159	-	1,199	1,316	-	1,063	Call Factory	Call Factory
DVT023	14,313	702	-	1,159	-	1,199	1,316	-	1,212	Call Factory	Call Factory
DVT026	15,628	702	-	1,159	-	1,199	1,316	-	1,374	Call Factory	Call Factory
208-230/1/60 with Variable Speed Motor											
DVT005SM	5,985	-	-	-	-	740	717	2,194	328	Call Factory	Call Factory
DVT008SM	7,447	-	-	-	-	740	717	2,194	522	Call Factory	Call Factory
DVT010SM	9,006	-	-	Call Factory	-	967	1,276	2,194	588	Call Factory	Call Factory
DVT012SM	10,061	-	-	Call Factory	-	967	1,276	2,194	648	Call Factory	Call Factory
DVT014SM	11,444	-	-	Call Factory	-	967	1,276	2,194	784	Call Factory	Call Factory
DVT016SM	12,502	-	-	Call Factory	-	967	1,276	2,194	960	Call Factory	Call Factory
DVT021SM	14,350	-	-	Call Factory	-	1,199	1,316	2,194	1,063	Call Factory	Call Factory
DVT023SM	14,743	-	-	Call Factory	-	1,199	1,316	2,194	1,212	Call Factory	Call Factory
DVT026SM	16,058	-	-	Call Factory	-	1,199	1,316	2,194	1,374	Call Factory	Call Factory
208-230/3/60 with Polyphase Motors											
DVT005	5,885	-	-	-	-	740	717	-	328	Call Factory	Call Factory
DVT008	7,273	-	-	-	-	740	717	-	522	Call Factory	Call Factory
DVT010	9,202	-	1,268	-	1,684	967	1,276	-	588	Call Factory	Call Factory
DVT012	10,148	-	1,268	-	1,684	967	1,276	-	648	Call Factory	Call Factory
DVT014	11,531	-	1,268	-	1,684	967	1,276	-	784	Call Factory	Call Factory
DVT016	12,590	-	1,268	-	1,684	967	1,276	-	960	Call Factory	Call Factory

Notes:

- For selection or sizing assistance, use Heatcraft's New ProSelect software or contact your local your Sales Representative or Account Engineer.
- Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

1 - 26 Ton

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field converted to 230/3/60 power.
- Variable speed motor is on the header fan only; All other motors in a 1x2 or 1x3 are fixed speed motors that cycle on or off as needed. Must have variable speed controller (customer supplied or select factory-installed option). Ambient fan cycling is included in the factory-installed variable speed controller package.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)									
		Fan Cycling Options				Electrical Options			Coil Coatings		
		1 PH Amb.	3 PH Amb.	1 PH Press.	3 PH Press.	Ind. Motor Fuses	Sealtite Wiring	Var Sp Controller	BohnGuard™ Coated Fins	ElectroFin Coil	Bronz-Glow Coating
DVT021	14,700	-	1,564	-	2,027	1,199	1,316	-	1,063	Call Factory	Call Factory
DVT023	15,090	-	1,564	-	2,027	1,199	1,316	-	1,212	Call Factory	Call Factory
DVT026	16,404	-	1,564	-	2,027	1,199	1,316	-	1,374	Call Factory	Call Factory
208-230/3/60 with Variable Speed Motor											
DVT010SM	9,632	-	-	-	Call Factory	967	1,276	2,194	588	Call Factory	Call Factory
DVT012SM	10,577	-	-	-	Call Factory	967	1,276	2,194	648	Call Factory	Call Factory
DVT014SM	11,960	-	-	-	Call Factory	967	1,276	2,194	784	Call Factory	Call Factory
DVT016SM	13,019	-	-	-	Call Factory	967	1,276	2,194	960	Call Factory	Call Factory
DVT021SM	15,130	-	-	-	Call Factory	1,199	1,316	2,194	1,063	Call Factory	Call Factory
DVT023SM	15,519	-	-	-	Call Factory	1,199	1,316	2,194	1,212	Call Factory	Call Factory
DVT026SM	16,833	-	-	-	Call Factory	1,199	1,316	2,194	1,374	Call Factory	Call Factory
460/3/60 with Polyphase Motors											
DVT005	5,885	-	-	-	-	740	717	-	328	Call Factory	Call Factory
DVT008	7,273	-	-	-	-	740	717	-	522	Call Factory	Call Factory
DVT010	9,202	-	1,268	-	1,684	967	1,276	-	588	Call Factory	Call Factory
DVT012	10,148	-	1,268	-	1,684	967	1,276	-	648	Call Factory	Call Factory
DVT014	11,531	-	1,268	-	1,684	967	1,276	-	784	Call Factory	Call Factory
DVT016	12,590	-	1,268	-	1,684	967	1,276	-	960	Call Factory	Call Factory
DVT021	14,700	-	1,564	-	2,027	1,199	1,316	-	1,063	Call Factory	Call Factory
DVT023	15,090	-	1,564	-	2,027	1,199	1,316	-	1,212	Call Factory	Call Factory
DVT026	16,404	-	1,564	-	2,027	1,199	1,316	-	1,374	Call Factory	Call Factory
460/3/60 with Variable Speed Motor											
DVT010SM	9,632	-	-	-	Call Factory	967	1,276	2,194	588	Call Factory	Call Factory
DVT012SM	10,577	-	-	-	Call Factory	967	1,276	2,194	648	Call Factory	Call Factory
DVT014SM	11,960	-	-	-	Call Factory	967	1,276	2,194	784	Call Factory	Call Factory
DVT016SM	13,019	-	-	-	Call Factory	967	1,276	2,194	960	Call Factory	Call Factory
DVT021SM	15,130	-	-	-	Call Factory	1,199	1,316	2,194	1,063	Call Factory	Call Factory
DVT023SM	15,519	-	-	-	Call Factory	1,199	1,316	2,194	1,212	Call Factory	Call Factory
DVT026SM	16,833	-	-	-	Call Factory	1,199	1,316	2,194	1,374	Call Factory	Call Factory

Notes:

1. For selection or sizing assistance, use Heatcraft's New ProSelect software or contact your local Sales Representative or Account Engineer.
2. Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

1 - 26 Ton

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field converted to 230/3/60 power.
- Variable speed motor is on the header fan only; All other motors in a 1x2 or 1x3 are fixed speed motors that cycle on or off as needed. Must have variable speed controller (customer supplied or select factory-installed option). Ambient fan cycling is included in the factory-installed variable speed controller package.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Bohn Configurable Model	List Price (\$US)	Factory-Installed Options List Price Adders (\$US)									
		Fan Cycling Options				Electrical Options			Coil Coatings		
		1 PH Amb.	3 PH Amb.	1 PH Press.	3 PH Press.	Ind. Motor Fuses	Sealtite Wiring	Var Sp Controller	BohnGuard™ Coated Fins	ElectroFin Coil	Bronz-Glow Coating
575/3/60 with Polyphase Motors											
DVT005	6,268	-	-	-	-	-	717	-	328	Call Factory	Call Factory
DVT008	7,656	-	-	-	-	-	717	-	522	Call Factory	Call Factory
DVT010	9,967	-	1,268	-	1,684	-	1,276	-	588	Call Factory	Call Factory
DVT012	10,913	-	1,268	-	1,684	-	1,276	-	648	Call Factory	Call Factory
DVT014	12,295	-	1,268	-	1,684	-	1,276	-	784	Call Factory	Call Factory
DVT016	13,354	-	1,268	-	1,684	-	1,276	-	960	Call Factory	Call Factory
DVT021	15,848	-	1,564	-	2,027	-	1,316	-	1,063	Call Factory	Call Factory
DVT023	16,237	-	1,564	-	2,027	-	1,316	-	1,212	Call Factory	Call Factory
DVT026	17,551	-	1,564	-	2,027	-	1,316	-	1,374	Call Factory	Call Factory

Notes:

1. For selection or sizing assistance, use Heatcraft's New ProSelect software or contact your local Sales Representative or Account Engineer.
2. Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

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Ship-Loose Accessories

Can't Find An Option or Accessory?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	List Price (\$US)	Notes
8980700-1	Discharge Air Gravity Damper	1x1	1,248	Includes 1 damper per fan cell
8980700-2	Discharge Air Gravity Dampers	1x2	2,496	Includes 1 damper per fan cell
8980700-3	Discharge Air Gravity Dampers	1x3	3,744	Includes 1 damper per fan cell
R038253919	Control Circuit Transformer	ALL	549	-

11 – 264 Ton

Overview



Product Description

These air-cooled condensers feature improved energy efficiency and low sound levels sought after by the supermarket and grocery industry. Traditional condensers using 1140 RPM motors offer high capacities, but cannot meet the low sound and energy efficiency standards demanded today by this industry. High capacities for operation along with the low sound and energy efficiency requirements are brought together in these units for a great fit for many applications. Choosing a model with the patented QuietEdge™ Fan Blade or Variable Speed EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

- 10 fins per inch spacing standard. 8, 12, and 14 fins per inch spacing available as an option.
- Floating Tube™ coil design virtually eliminates tube sheet leaks
- Internal baffles provided between all fan cells
- Condensers up to 3 fans in length use 3/8" diameter tube to minimize refrigerant charge. Condensers 4 or more fans in length use 1/2" diameter tube to minimize refrigerant pressure drop
- Coated steel fan guards
- Weather resistant control panel with factory-mounted door interrupt disconnect switch
- 2-year warranty on product and 5-year warranty on Floating Tube™

Models with Variable Speed EC Motors (VSEC)

- EC motor, swept fan blade and venturi incorporating integrated variable speed technology
- Broad capacity range from 16 to 264 tons
- Aluminum housing for an attractive appearance and corrosion protection, with painted galvanized steel, or galvanized steel as an option
- Side access panels for ease of cleaning coils
- 3-year warranty on EC motors

Models with 830 or 540 RPM Fixed Speed Motors

- Direct drive fan motors in 830 or 540 RPM
- The patented QuietEdge™ fan blade provides an unprecedented sound level of 49.6 dBA (540 RPM @ 10 ft.)
- Patented ServiceEase™ motor mount feature, allows for ease of motor service and reduces likelihood of damage to the coils during servicing
- Condenser coils incorporate the latest advancements in coil technology to provide maximum capacity
- Broader product range to address all applications — capacities ranging from 11 to 225 nominal tons
- Galvanized steel housing
- High efficiency, three-phase fan motors with ball bearings and internal overload protection

Models with 1140 RPM Fixed Speed Motors

- Direct drive fan motors
- Patented ServiceEase™ motor mount
- New, high efficiency condenser coil designed for optimum performance
- Expanded product range from 15 to 249 nominal tons
- Galvanized steel housing
- High efficiency, three-phase fan motors with ball bearings and internal overload protection

Nomenclature

B	N	H	S	04	A	050
Brand	Vintage	Model	Width	Fans	Model Identifier	Standard Capacity
B = Bohn		H = 1140 RPM, 1.5 HP L = 830 RPM, 1.5 HP X = 830 RPM, 1.0 HP Q = 540 RPM, 0.5 HP E = VSEC Motor	S = Single D = Double	# of fans (01-14)		(MBH/°TD, R-22 @ 10 FPI)

11 – 264 Ton

Configurable Models Pricing

Need to customize?

- Look on page starting 207 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 210 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Bohn Configurable Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
Models with VSEC Motors					
BNES01A008	16,787	16,787	-	1x1	-
BNES01A009	18,587	18,587	-	1x1	-
BNES02A011	28,738	28,738	-	1x2	-
BNES02A015	32,947	32,947	-	1x2	-
BNES02A018	36,030	36,030	-	1x2	-
BNES03A023	49,465	49,465	-	1x3	-
BNES03A027	54,102	54,102	-	1x3	-
BNES04A031	66,802	66,802	-	1x4	-
BNES04A036	72,131	72,131	-	1x4	-
BNES05A039	83,325	83,325	-	1x5	-
BNES05A047	91,670	91,670	-	1x5	-
BNES06A056	110,004	110,004	-	1x6	-
BNES07A065	128,117	128,117	-	1x7	-
BNED04A023	56,636	56,636	-	2x2	-
BNED04A031	65,960	65,960	-	2x2	-
BNED04A036	72,131	72,131	-	2x2	-
BNED06A046	98,918	98,918	-	2x3	-
BNED06A054	108,190	108,190	-	2x3	-
BNED08A062	132,264	132,264	-	2x4	Model has oversized electrical box.
BNED08A073	144,634	144,634	-	2x4	Model has oversized electrical box.
BNED10A079	166,958	166,958	-	2x5	Model has oversized electrical box.
BNED10A093	183,683	183,683	-	2x5	Model has oversized electrical box.
BNED12A112	220,364	220,364	-	2x6	Model has oversized electrical box.
BNED14A129	256,594	256,594	-	2x7	Model has oversized electrical box.
Models with 540 RPM (0.5HP) Motors					
BNQS01A005	7,707	7,707	-	1x1	-
BNQS01A006	9,232	9,232	-	1x1	-
BNQS02A008	12,753	12,753	-	1x2	-
BNQS02A010	17,099	17,099	-	1x2	-
BNQS02A011	19,188	19,188	-	1x2	-
BNQS03A016	26,693	26,693	-	1x3	-
BNQS03A017	29,710	29,710	-	1x3	-
BNQS04A021	36,146	36,146	-	1x4	-
BNQS04A023	40,171	40,171	-	1x4	-
BNQS05A026	45,660	45,660	-	1x5	-
BNQS05A029	50,689	50,689	-	1x5	-
BNQS06A034	61,229	61,229	-	1x6	-

Notes:

For sizing and selection assistance, use Heatcraft's new ProSelect software or contact your local Sales Representative or Account Engineer.

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Configurable Models Pricing

Need to customize?

- Look on page starting 207 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 210 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Bohn Configurable Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
BNQS07A042	74,450	74,450	-	1x7	-
BNQD04A016	27,435	27,435	-	2x2	-
BNQD04A021	36,146	36,146	-	2x2	-
BNQD04A023	40,171	40,171	-	2x2	-
BNQD06A031	55,114	55,114	-	2x3	-
BNQD06A034	61,229	61,229	-	2x3	-
BNQD08A041	74,495	74,495	-	2x4	Model has oversized electrical box.
BNQD08A046	82,602	82,602	-	2x4	Model has oversized electrical box.
BNQD10A052	93,545	93,545	-	2x5	Model has oversized electrical box.
BNQD10A057	103,661	103,661	-	2x5	Model has oversized electrical box.
BNQD12A069	124,642	124,642	-	2x6	Model has oversized electrical box.
BNQD14A083	151,104	151,104	-	2x7	Model has oversized electrical box.
Models with 830 RPM (1.0HP) Motors					
BNXS01A006	7,747	7,747	-	1x1	-
BNXS01A008	9,374	9,374	-	1x1	-
BNXS02A010	12,559	12,559	-	1x2	-
BNXS02A013	17,193	17,193	-	1x2	-
BNXS02A015	20,003	20,003	-	1x2	-
BNXS03A020	26,402	26,402	-	1x3	-
BNXS03A023	30,637	30,637	-	1x3	-
BNXS04A026	35,611	35,611	-	1x4	-
BNXS04A030	41,228	41,228	-	1x4	-
BNXS05A033	44,791	44,791	-	1x5	-
BNXS05A038	51,817	51,817	-	1x5	-
BNXS06A045	62,468	62,468	-	1x6	-
BNXS07A052	71,720	71,720	-	1x7	-
BNXD04A020	26,278	26,278	-	2x2	-
BNXD04A026	35,596	35,596	-	2x2	-
BNXD04A030	41,244	41,244	-	2x2	-
BNXD06A039	53,982	53,982	-	2x3	-
BNXD06A045	62,452	62,452	-	2x3	-
BNXD08A052	72,698	72,698	-	2x4	Model has oversized electrical box.
BNXD08A061	83,997	83,997	-	2x4	Model has oversized electrical box.
BNXD10A066	91,087	91,087	-	2x5	Model has oversized electrical box.
BNXD10A076	105,207	105,207	-	2x5	Model has oversized electrical box.
BNXD12A091	126,416	126,416	-	2x6	Model has oversized electrical box.
BNXD14A104	144,948	144,948	-	2x7	Model has oversized electrical box.

Notes:

For sizing and selection assistance, use Heatcraft's new ProSelect software or contact your local Sales Representative or Account Engineer.

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Configurable Models Pricing

Need to customize?

- Look on page starting 207 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 210 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Bohn Configurable Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
Models with 830 RPM (1.5HP) Motors					
BNLS01A007	8,648	8,648	8,870	1x1	-
BNLS01A008	10,226	10,226	10,448	1x1	-
BNLS02A010	12,968	12,968	13,412	1x2	-
BNLS02A014	17,828	17,828	18,272	1x2	-
BNLS02A016	20,671	20,671	21,115	1x2	-
BNLS03A021	26,748	26,748	27,414	1x3	-
BNLS03A024	31,033	31,033	31,699	1x3	-
BNLS04A028	35,611	35,611	36,499	1x4	-
BNLS04A032	41,352	41,352	42,240	1x4	-
BNLS05A035	45,372	45,372	46,482	1x5	-
BNLS05A042	53,213	53,213	54,323	1x5	-
BNLS06A050	63,798	63,798	65,130	1x6	-
BNLS07A055	70,360	70,360	71,914	1x7	-
BNLD04A020	25,907	25,907	26,795	2x2	-
BNLD04A028	35,612	35,612	36,500	2x2	-
BNLD04A032	41,352	41,352	42,240	2x2	-
BNLD06A042	53,435	53,435	54,767	2x3	-
BNLD06A048	61,977	61,977	63,309	2x3	-
BNLD08A056	71,549	71,549	73,325	2x4	Model has oversized electrical box.
BNLD08A065	82,991	82,991	84,767	2x4	Model has oversized electrical box.
BNLD10A071	91,014	91,014	93,234	2x5	Model has oversized electrical box.
BNLD10A083	106,655	106,655	108,875	2x5	Model has oversized electrical box.
BNLD12A100	127,897	127,897	130,561	2x6	Model has oversized electrical box.
BNLD14A110	141,007	141,007	144,115	2x7	Model has oversized electrical box.
Models with 1140 RPM (1.5HP) Motors					
BNHS01A007	8,820	8,820	9,042	1x1	-
BNHS01A009	10,569	10,569	10,791	1x1	-
BNHS02A011	12,949	12,949	13,393	1x2	-
BNHS02A015	17,034	17,034	17,478	1x2	-
BNHS02A017	20,029	20,029	20,473	1x2	-
BNHS03A022	25,594	25,594	26,260	1x3	-
BNHS03A026	30,096	30,096	30,762	1x3	-
BNHS04A029	34,948	34,948	35,836	1x4	-
BNHS04A034	40,124	40,124	41,012	1x4	-
BNHS05A037	43,518	43,518	44,628	1x5	-
BNHS05A044	51,618	51,618	52,728	1x5	-

Notes:

For sizing and selection assistance, use Heatcraft's new ProSelect software or contact your local Sales Representative or Account Engineer.

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Configurable Models Pricing

Need to customize?

- Look on page starting 207 for factory-installed fan cycling, electrical, and mechanical options.
- Look on page starting 210 for condenser fin and coil protection options.

Configurable Models, Motor Voltages, & List Prices

Specify model motor voltage at time of order

Bohn Configurable Model	List Price by Motor Voltage (\$US)			Fan Config.	Notes
	208-230/3/60	460/3/60	575/3/60		
BNHS06A053	61,941	61,941	63,273	1x6	-
BNHS07A061	72,052	72,052	73,606	1x7	-
BNHD04A021	25,082	25,082	25,970	2x2	-
BNHD04A029	34,134	34,134	35,022	2x2	-
BNHD04A034	40,124	40,124	41,012	2x2	-
BNHD06A044	51,180	51,180	52,512	2x3	-
BNHD06A051	60,181	60,181	61,513	2x3	-
BNHD08A058	68,613	68,613	70,389	2x4	Model has oversized electrical box.
BNHD08A068	80,620	80,620	82,396	2x4	Model has oversized electrical box.
BNHD10A074	87,345	87,345	89,565	2x5	Model has oversized electrical box.
BNHD10A088	103,583	103,583	105,803	2x5	Model has oversized electrical box.
BNHD12A106	124,242	124,242	126,906	2x6	Model has oversized electrical box.
BNHD14A122	144,461	144,461	147,569	2x7	Model has oversized electrical box.

Notes:

For sizing and selection assistance, use Heatcraft's new ProSelect software or contact your local Sales Representative or Account Engineer.

11 – 264 Ton

Options Pricing - VSEC Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Motors are 208-230/3/60 or 460/3/60.
- Power outlet is supplied unwired.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)												
		1x1	1x2	1x3	1x4	1x5	1x6	1x7	2x2	2x3	2x4	2x5	2x6	2x7
Fan Cycling Options														
FC.019	Proportional Pressure Control	2,092	2,092	2,092	2,092	2,092	2,092	2,092	2,092	4,182	4,182	4,182	4,182	4,182
Electrical Options														
DISC.002	Fused Disconnect	229	456	688	916	1,145	1,371	1,604	916	1,371	1,834	2,292	2,744	3,204
MP.002	Individual Motor Fuses	229	458	687	916	1,145	1,374	1,603	916	1,374	1,832	2,290	2,748	3,206
MP.004	Paired Motor Fuses	-	-	-	-	-	-	-	458	687	916	1,145	1,374	1,603
MP.003	Individual Circuit Breakers (230V or 460V)	636	912	1,357	1,818	2,264	2,726	3,148	1,818	2,726	3,618	4,528	5,437	6,082
MP.005	Paired Circuit Breakers (230V or 460V)	-	-	-	-	-	-	-	912	1,357	1,818	2,264	2,726	3,148
MTB.001	Individual Motor Terminal Boards	160	318	477	636	795	955	1,113	636	955	1,527	1,846	2,163	2,481
MTB.002	Paired Motor Terminal Boards	-	-	-	-	-	-	-	318	477	636	795	955	1,113
PO.001	Power Outlet (115V)	318	318	318	318	318	318	318	318	318	318	318	318	318
Mechanical Options														
CM.004	Galvanized Cabinet w/ Side Access	-254	-508	-762	-1,016	-1,270	-1,524	-1,778	-1,016	-1,524	-2,032	-2,540	-3,048	-3,556
LEGS.002	Extended Legs, 30"	114	228	342	456	570	684	798	228	342	456	570	684	798
LEGS.003	Extended Legs, 36"	114	228	342	456	570	684	798	228	342	456	570	684	798
LEGS.004	Extended Legs, 42"	114	228	342	456	570	684	798	228	342	456	570	684	798
LEGS.005	Unit Frame, Std. Legs, 20"	1,619	2,336	3,055	4,375	5,294	6,071	7,050	2,336	3,055	4,375	5,294	6,313	7,333
LEGS.006	Unit Frame, Ext. Legs, 42"	1,732	2,566	3,398	4,834	5,868	6,731	7,822	2,566	3,398	4,834	5,868	7,000	8,135
LEGS.007	Paratemp, 20"	-	381	-	764	-	-	-	381	-	764	-	-	-
LEGS.008	Paratemp, Extended Legs, 30"	-	612	-	1,222	-	-	-	612	-	1,222	-	-	-
LEGS.009	Paratemp, Extended Legs, 36"	-	612	-	1,222	-	-	-	612	-	1,222	-	-	-
LEGS.010	Paratemp, Extended Legs, 42"	-	612	-	1,222	-	-	-	612	-	1,222	-	-	-
HM.00X	Connection Manifold (shipped-loose)	-	-	-	-	-	-	-	1,176	1,527	1,559	1,718	1,782	1,972

11 – 264 Ton

Options Pricing - Fixed Speed Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Fans are cycled in pairs on double wide units.
- Pressure fan cycling and variable speed control options are not available on multi-circuited units.
- Variable speed motors are not available for 575/3/60.
- Variable speed motor is on fan closest to header only.
- Variable speed motors have a full speed RPM of 1140 and are typically used on condensers that have either 1140RPM or 830RPM 1.5HP fixed speed motors. For condensers with 830RPM 1HP or 540RPM motors, contact factory for assistance.
- Motor circuit breakers are not available on 575V units.
- Motor terminal boards are not available on units with fan cycling.
- When ordering toggle switch option, please specify whether switches are to be internally or externally mounted.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.
- Power outlet is supplied unwired.
- Fan cycling kit does not include control circuit transformer. Optional factory installed control transformers are available to convert 460V or 575V man power supplies to 230V, 115V or 24V control power or 230V main power to 115V or 24V control power.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)													
		1x1	1x2	1x3	1x4	1x5	1x6	1x7	2x2	2x3	2x4	2x5	2x6	2x7	
Fan Cycling Options (Must Select Fan Cycling and Contactor Option)															
FCC.004	Individual Motor Contactors: 230V, 115V, or 24V	229	458	687	916	1,145	1,374	1,603	916	1,374	1,832	2,290	2,748	3,206	
FCC.001	Paired Motor Contactors: 230V, 115V, or 24V	-	-	-	-	-	-	-	458	687	916	1,145	1,374	1,603	
FC.003	Ambient Fan Cycling	-	879	1,185	1,579	1,972	2,367	2,761	879	1,185	1,579	1,972	2,367	2,761	
FC.004	Pressure Fan Cycling Mech. w/o Header	-	1,326	1,451	1,934	2,418	2,902	3,385	1,326	1,451	1,934	2,418	2,902	3,385	
FC.006	Pressure Fan Cycling Mech. w/ Header	1,555	1,679	2,163	2,647	3,131	3,614	4,097	1,679	2,163	2,647	3,131	3,614	4,097	
FC.005	Pressure Fan Cycling Elec. w/o Header	-	1,376	1,725	2,865	4,006	5,145	6,044	1,376	1,725	2,865	4,006	5,145	6,044	
FC.007	Pressure Fan Cycling Elec. w/ Header	1,607	1,954	3,094	4,234	5,375	6,263	7,360	1,954	3,094	4,234	5,375	6,263	7,360	
FC.008	Variable Speed with Ambient	2,227	2,526	2,839	3,233	3,628	4,022	4,416	2,526	2,839	3,233	3,628	4,022	4,416	
FC.010	Variable Speed with Pressure (Mech.)	2,614	2,807	3,105	3,587	4,073	4,557	5,039	2,807	3,105	3,587	4,073	4,557	5,039	
FC.011	Variable Speed with Pressure (Elec.)	2,768	3,066	3,379	4,519	5,660	6,537	7,635	3,066	3,379	4,519	5,660	6,537	7,635	
FC.014	Microprocessor Relay Board	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737	2,737	
FC.015	Microprocessor Relay Board w/ Split	-	-	-	-	-	-	-	2,957	2,957	2,957	2,957	2,957	2,957	
Electrical Options															
CV.002	Control Circuit Transformer: 230V, 115V, or 24V	541	541	541	541	541	541	541	541	541	541	541	541	541	
MP.002	Individual Motor Fuses	229	458	687	916	1,145	1,374	1,603	916	1,374	1,832	2,290	2,748	3,206	
MP.004	Paired Motor Fuses	-	-	-	-	-	-	-	458	687	916	1,145	1,374	1,603	
MP.003	Individual Circuit Breakers (230V or 460V)	636	912	1,357	1,818	2,264	2,726	3,148	1,818	2,726	3,618	4,528	5,437	6,082	
MP.005	Paired Circuit Breakers (230V or 460V)	-	-	-	-	-	-	-	912	1,357	1,818	2,264	2,726	3,148	
MTB.001	Individual Motor Terminal Boards	160	318	477	636	795	955	1,113	636	955	1,527	1,846	2,163	2,481	
MTB.002	Paired Motor Terminal Boards	-	-	-	-	-	-	-	318	477	636	795	955	1,113	
FCS.002	Fan Toggle Switches	95	192	285	381	477	573	668	381	573	764	955	1,145	1,336	
FCS.004	Paired Fan Toggle Switches	-	-	-	-	-	-	-	192	285	381	477	573	668	
DISC.002	Fused Disconnect	229	456	688	916	1,145	1,371	1,604	916	1,371	1,834	2,292	2,744	3,204	
COND.001	Sealtite Wiring to Motor Rail	199	247	374	503	622	749	874	503	749	998	1,251	1,500	1,740	
COND.002	Sealtite Wiring to Electrical Box	661	1,324	1,986	2,647	3,308	3,971	4,633	2,647	3,971	5,294	6,363	7,636	8,910	
PO.001	Power Outlet (115V)	318	318	318	318	318	318	318	318	318	318	318	318	318	
Mechanical Options															
CM.004	Aluminum Cabinet	254	508	762	1,016	1,270	1,524	1,778	1,016	1,524	2,032	2,540	3,048	3,556	
CM.003	Pre-Painted Steel Cabinet	254	508	762	1,016	1,270	1,524	1,778	1,016	1,524	2,032	2,540	3,048	3,556	
CM.004	Coil Access Panels, Galv	254	508	762	1,016	1,270	1,524	1,778	1,016	1,524	2,032	2,540	3,048	3,556	
CM.005	Coil Access Panels, Aluminum	510	1,020	1,530	2,040	2,550	3,060	3,570	2,040	3,060	4,080	5,100	6,120	7,140	

Section 3

11 – 264 Ton

Options Pricing - Fixed Speed Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Fans are cycled in pairs on double wide units.
- Pressure fan cycling and variable speed control options are not available on multi-circuited units.
- Variable speed motors are not available for 575/3/60.
- Variable speed motor is on fan closest to header only.
- Variable speed motors have a full speed RPM of 1140 and are typically used on condensers that have either 1140RPM or 830RPM 1.5HP fixed speed motors. For condensers with 830RPM 1HP or 540RPM motors, contact factory for assistance.
- Motor circuit breakers are not available on 575V units.
- Motor terminal boards are not available on units with fan cycling.
- When ordering toggle switch option, please specify whether switches are to be internally or externally mounted.
- Fused disconnect option is only available on units with an MOP of 60 or less. Please see accompanying technical specifications.
- Power outlet is supplied unwired.
- Fan cycling kit does not include control circuit transformer. Optional factory installed control transformers are available to convert 460V or 575V main power supplies to 230V, 115V or 24V control power or 230V main power to 115V or 24V control power.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)												
		1x1	1x2	1x3	1x4	1x5	1x6	1x7	2x2	2x3	2x4	2x5	2x6	2x7
CM.006	Coil Access Panels, Painted Steel	510	1,020	1,530	2,040	2,550	3,060	3,570	2,040	3,060	4,080	5,100	6,120	7,140
VEN.002	Hinged Venturi	541	1,082	1,623	2,164	2,705	3,246	3,787	2,164	3,246	4,328	5,410	6,492	7,574
LEGS.002	Extended Legs, 30"	114	228	342	456	570	684	798	228	342	456	570	684	798
LEGS.003	Extended Legs, 36"	114	228	342	456	570	684	798	228	342	456	570	684	798
LEGS.004	Extended Legs, 42"	114	228	342	456	570	684	798	228	342	456	570	684	798
LEGS.005	Unit Frame, Std. Legs, 20"	1,619	2,336	3,055	4,375	5,294	6,071	7,050	2,336	3,055	4,375	5,294	6,313	7,333
LEGS.006	Unit Frame, Ext. Legs, 42"	1,732	2,566	3,398	4,834	5,868	6,731	7,822	2,566	3,398	4,834	5,868	7,000	8,135
LEGS.007	Paratemp, 20"	-	381	-	764	-	-	-	381	-	764	-	-	-
LEGS.008	Paratemp, Extended Legs, 30"	-	612	-	1,222	-	-	-	612	-	1,222	-	-	-
LEGS.009	Paratemp, Extended Legs, 36"	-	612	-	1,222	-	-	-	612	-	1,222	-	-	-
LEGS.010	Paratemp, Extended Legs, 42"	-	612	-	1,222	-	-	-	612	-	1,222	-	-	-
HM.00X	Connection Manifold (shipped-loose)	-	-	-	-	-	-	-	1,176	1,527	1,559	1,718	1,782	1,972

11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Bohn Configurable Model	List Price Adders (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	BohnGuard™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
Models with VSEC Motors								
BNES01A008	-382	Standard	382	765	889	Call Factory	Call Factory	Call Factory
BNES01A009	-382	Standard	382	765	1,175	Call Factory	Call Factory	Call Factory
BNES02A011	-764	Standard	764	1,530	1,195	Call Factory	Call Factory	Call Factory
BNES02A015	-765	Standard	765	1,530	1,433	Call Factory	Call Factory	Call Factory
BNES02A018	-765	Standard	765	1,530	2,327	Call Factory	Call Factory	Call Factory
BNES03A023	-1,147	Standard	1,147	2,295	2,642	Call Factory	Call Factory	Call Factory
BNES03A027	-1,147	Standard	1,147	2,295	3,772	Call Factory	Call Factory	Call Factory
BNES04A031	-1,530	Standard	1,530	3,059	3,986	Call Factory	Call Factory	Call Factory
BNES04A036	-1,530	Standard	1,530	3,059	5,315	Call Factory	Call Factory	Call Factory
BNES05A039	-1,912	Standard	1,912	3,824	4,975	Call Factory	Call Factory	Call Factory
BNES05A047	-1,912	Standard	1,912	3,824	6,632	Call Factory	Call Factory	Call Factory
BNES06A056	-2,295	Standard	2,295	4,589	7,962	Call Factory	Call Factory	Call Factory
BNES07A065	-2,677	Standard	2,677	5,354	9,291	Call Factory	Call Factory	Call Factory
BNED04A023	-1,528	Standard	1,528	3,060	2,387	Call Factory	Call Factory	Call Factory
BNED04A031	-1,530	Standard	1,530	3,059	3,523	Call Factory	Call Factory	Call Factory
BNED04A036	-1,530	Standard	1,530	3,059	4,656	Call Factory	Call Factory	Call Factory
BNED06A046	-2,295	Standard	2,295	4,589	5,284	Call Factory	Call Factory	Call Factory
BNED06A054	-2,295	Standard	2,295	4,589	7,542	Call Factory	Call Factory	Call Factory
BNED08A062	-3,059	Standard	3,059	6,118	7,973	Call Factory	Call Factory	Call Factory
BNED08A073	-3,059	Standard	3,059	6,118	10,629	Call Factory	Call Factory	Call Factory
BNED10A079	-3,824	Standard	3,824	7,649	9,949	Call Factory	Call Factory	Call Factory
BNED10A093	-3,824	Standard	3,824	7,649	13,267	Call Factory	Call Factory	Call Factory
BNED12A112	-4,589	Standard	4,589	9,178	15,924	Call Factory	Call Factory	Call Factory
BNED14A129	-5,354	Standard	5,354	10,708	18,581	Call Factory	Call Factory	Call Factory
Models with 540 RPM (0.5HP) Motors								
BNQS01A005	-382	Standard	382	765	889	Call Factory	Call Factory	Call Factory
BNQS01A006	-382	Standard	382	765	1,175	Call Factory	Call Factory	Call Factory
BNQS02A008	-764	Standard	764	1,530	1,195	Call Factory	Call Factory	Call Factory
BNQS02A010	-765	Standard	765	1,530	1,433	Call Factory	Call Factory	Call Factory
BNQS02A011	-765	Standard	765	1,530	2,327	Call Factory	Call Factory	Call Factory
BNQS03A016	-1,147	Standard	1,147	2,295	2,642	Call Factory	Call Factory	Call Factory
BNQS03A017	-1,147	Standard	1,147	2,295	3,772	Call Factory	Call Factory	Call Factory
BNQS04A021	-1,530	Standard	1,530	3,059	3,986	Call Factory	Call Factory	Call Factory
BNQS04A023	-1,530	Standard	1,530	3,059	5,315	Call Factory	Call Factory	Call Factory
BNQS05A026	-1,912	Standard	1,912	3,824	4,975	Call Factory	Call Factory	Call Factory
BNQS05A029	-1,912	Standard	1,912	3,824	6,632	Call Factory	Call Factory	Call Factory
BNQS06A034	-2,295	Standard	2,295	4,589	7,962	Call Factory	Call Factory	Call Factory

Section 3

11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Bohn Configurable Model	List Price Adders (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	BohnGuard™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
BNQS07A042	-2,677	Standard	2,677	5,354	9,291	Call Factory	Call Factory	Call Factory
BNQD04A016	-1,528	Standard	1,528	3,060	2,387	Call Factory	Call Factory	Call Factory
BNQD04A021	-1,530	Standard	1,530	3,059	3,523	Call Factory	Call Factory	Call Factory
BNQD04A023	-1,530	Standard	1,530	3,059	4,656	Call Factory	Call Factory	Call Factory
BNQD06A031	-2,295	Standard	2,295	4,589	5,284	Call Factory	Call Factory	Call Factory
BNQD06A034	-2,295	Standard	2,295	4,589	7,542	Call Factory	Call Factory	Call Factory
BNQD08A041	-3,059	Standard	3,059	6,118	7,973	Call Factory	Call Factory	Call Factory
BNQD08A046	-3,059	Standard	3,059	6,118	10,629	Call Factory	Call Factory	Call Factory
BNQD10A052	-3,824	Standard	3,824	7,649	9,949	Call Factory	Call Factory	Call Factory
BNQD10A057	-3,824	Standard	3,824	7,649	13,267	Call Factory	Call Factory	Call Factory
BNQD12A069	-4,589	Standard	4,589	9,178	15,924	Call Factory	Call Factory	Call Factory
BNQD14A083	-5,354	Standard	5,354	10,708	18,581	Call Factory	Call Factory	Call Factory
Models with 830 RPM (1.0HP) Motors								
BNXS01A006	-382	Standard	382	765	889	Call Factory	Call Factory	Call Factory
BNXS01A008	-382	Standard	382	765	1,175	Call Factory	Call Factory	Call Factory
BNXS02A010	-764	Standard	764	1,530	1,195	Call Factory	Call Factory	Call Factory
BNXS02A013	-765	Standard	765	1,530	1,433	Call Factory	Call Factory	Call Factory
BNXS02A015	-765	Standard	765	1,530	2,327	Call Factory	Call Factory	Call Factory
BNXS03A020	-1,147	Standard	1,147	2,295	2,642	Call Factory	Call Factory	Call Factory
BNXS03A023	-1,147	Standard	1,147	2,295	3,772	Call Factory	Call Factory	Call Factory
BNXS04A026	-1,530	Standard	1,530	3,059	3,986	Call Factory	Call Factory	Call Factory
BNXS04A030	-1,530	Standard	1,530	3,059	5,315	Call Factory	Call Factory	Call Factory
BNXS05A033	-1,912	Standard	1,912	3,824	4,975	Call Factory	Call Factory	Call Factory
BNXS05A038	-1,912	Standard	1,912	3,824	6,632	Call Factory	Call Factory	Call Factory
BNXS06A045	-2,295	Standard	2,295	4,589	7,962	Call Factory	Call Factory	Call Factory
BNXS07A052	-2,677	Standard	2,677	5,354	9,291	Call Factory	Call Factory	Call Factory
BNXD04A020	-1,528	Standard	1,528	3,060	2,387	Call Factory	Call Factory	Call Factory
BNXD04A026	-1,530	Standard	1,530	3,059	3,523	Call Factory	Call Factory	Call Factory
BNXD04A030	-1,530	Standard	1,530	3,059	4,656	Call Factory	Call Factory	Call Factory
BNXD06A039	-2,295	Standard	2,295	4,589	5,284	Call Factory	Call Factory	Call Factory
BNXD06A045	-2,295	Standard	2,295	4,589	7,542	Call Factory	Call Factory	Call Factory
BNXD08A052	-3,059	Standard	3,059	6,118	7,973	Call Factory	Call Factory	Call Factory
BNXD08A061	-3,059	Standard	3,059	6,118	10,629	Call Factory	Call Factory	Call Factory
BNXD10A066	-3,824	Standard	3,824	7,649	9,949	Call Factory	Call Factory	Call Factory
BNXD10A076	-3,824	Standard	3,824	7,649	13,267	Call Factory	Call Factory	Call Factory
BNXD12A091	-4,589	Standard	4,589	9,178	15,924	Call Factory	Call Factory	Call Factory
BNXD14A104	-5,354	Standard	5,354	10,708	18,581	Call Factory	Call Factory	Call Factory

11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Bohn Configurable Model	List Price Adders (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	BohnGuard™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
Models with 830 RPM (1.5HP) Motors								
BNLS01A007	-382	Standard	382	765	889	Call Factory	Call Factory	Call Factory
BNLS01A008	-382	Standard	382	765	1,175	Call Factory	Call Factory	Call Factory
BNLS02A010	-764	Standard	764	1,530	1,195	Call Factory	Call Factory	Call Factory
BNLS02A014	-765	Standard	765	1,530	1,433	Call Factory	Call Factory	Call Factory
BNLS02A016	-765	Standard	765	1,530	2,327	Call Factory	Call Factory	Call Factory
BNLS03A021	-1,147	Standard	1,147	2,295	2,642	Call Factory	Call Factory	Call Factory
BNLS03A024	-1,147	Standard	1,147	2,295	3,772	Call Factory	Call Factory	Call Factory
BNLS04A028	-1,530	Standard	1,530	3,059	3,986	Call Factory	Call Factory	Call Factory
BNLS04A032	-1,530	Standard	1,530	3,059	5,315	Call Factory	Call Factory	Call Factory
BNLS05A035	-1,912	Standard	1,912	3,824	4,975	Call Factory	Call Factory	Call Factory
BNLS05A042	-1,912	Standard	1,912	3,824	6,632	Call Factory	Call Factory	Call Factory
BNLS06A050	-2,295	Standard	2,295	4,589	7,962	Call Factory	Call Factory	Call Factory
BNLS07A055	-2,677	Standard	2,677	5,354	9,291	Call Factory	Call Factory	Call Factory
BNLD04A020	-1,528	Standard	1,528	3,060	2,387	Call Factory	Call Factory	Call Factory
BNLD04A028	-1,530	Standard	1,530	3,059	3,523	Call Factory	Call Factory	Call Factory
BNLD04A032	-1,530	Standard	1,530	3,059	4,656	Call Factory	Call Factory	Call Factory
BNLD06A042	-2,295	Standard	2,295	4,589	5,284	Call Factory	Call Factory	Call Factory
BNLD06A048	-2,295	Standard	2,295	4,589	7,542	Call Factory	Call Factory	Call Factory
BNLD08A056	-3,059	Standard	3,059	6,118	7,973	Call Factory	Call Factory	Call Factory
BNLD08A065	-3,059	Standard	3,059	6,118	10,629	Call Factory	Call Factory	Call Factory
BNLD10A071	-3,824	Standard	3,824	7,649	9,949	Call Factory	Call Factory	Call Factory
BNLD10A083	-3,824	Standard	3,824	7,649	13,267	Call Factory	Call Factory	Call Factory
BNLD12A100	-4,589	Standard	4,589	9,178	15,924	Call Factory	Call Factory	Call Factory
BNLD14A110	-5,354	Standard	5,354	10,708	18,581	Call Factory	Call Factory	Call Factory
Models with 1140 RPM (1.5HP) Motors								
BNHS01A007	-382	Standard	382	765	889	Call Factory	Call Factory	Call Factory
BNHS01A009	-382	Standard	382	765	1,175	Call Factory	Call Factory	Call Factory
BNHS02A011	-764	Standard	764	1,530	1,195	Call Factory	Call Factory	Call Factory
BNHS02A015	-765	Standard	765	1,530	1,433	Call Factory	Call Factory	Call Factory
BNHS02A017	-765	Standard	765	1,530	2,327	Call Factory	Call Factory	Call Factory
BNHS03A022	-1,147	Standard	1,147	2,295	2,642	Call Factory	Call Factory	Call Factory
BNHS03A026	-1,147	Standard	1,147	2,295	3,772	Call Factory	Call Factory	Call Factory
BNHS04A029	-1,530	Standard	1,530	3,059	3,986	Call Factory	Call Factory	Call Factory
BNHS04A034	-1,530	Standard	1,530	3,059	5,315	Call Factory	Call Factory	Call Factory
BNHS05A037	-1,912	Standard	1,912	3,824	4,975	Call Factory	Call Factory	Call Factory
BNHS05A044	-1,912	Standard	1,912	3,824	6,632	Call Factory	Call Factory	Call Factory

Section 3

11 – 264 Ton

Coil Options Pricing - All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Condenser Fin and Coil Protection Options

Standard Fins Per Inch is 10. 8 FPI reduces the capacity of a model and 12 FPI and 14 FPI increase the capacity of a model.

Bohn Configurable Model	List Price Adders (\$US)							
	Fins Per Inch (FPI) Options				Coil Protection Options			
	8 FPI	10 FPI	12 FPI	14 FPI	BohnGuard™ Fin Protection	ElectroFin Coils	Bronz-Glow Coating	Copper Fin Coil
BNHS06A053	-2,295	Standard	2,295	4,589	7,962	Call Factory	Call Factory	Call Factory
BNHS07A061	-2,677	Standard	2,677	5,354	9,291	Call Factory	Call Factory	Call Factory
BNHD04A021	-1,528	Standard	1,528	3,060	2,387	Call Factory	Call Factory	Call Factory
BNHD04A029	-1,530	Standard	1,530	3,059	3,523	Call Factory	Call Factory	Call Factory
BNHD04A034	-1,530	Standard	1,530	3,059	4,656	Call Factory	Call Factory	Call Factory
BNHD06A044	-2,295	Standard	2,295	4,589	5,284	Call Factory	Call Factory	Call Factory
BNHD06A051	-2,295	Standard	2,295	4,589	7,542	Call Factory	Call Factory	Call Factory
BNHD08A058	-3,059	Standard	3,059	6,118	7,973	Call Factory	Call Factory	Call Factory
BNHD08A068	-3,059	Standard	3,059	6,118	10,629	Call Factory	Call Factory	Call Factory
BNHD10A074	-3,824	Standard	3,824	7,649	9,949	Call Factory	Call Factory	Call Factory
BNHD10A088	-3,824	Standard	3,824	7,649	13,267	Call Factory	Call Factory	Call Factory
BNHD12A106	-4,589	Standard	4,589	9,178	15,924	Call Factory	Call Factory	Call Factory
BNHD14A122	-5,354	Standard	5,354	10,708	18,581	Call Factory	Call Factory	Call Factory

Microchannel Condenser

Overview



Product Description

The microchannel air-cooled condenser platform provides significant refrigerant and energy savings vs. standard round tube plate fin condensers. These condensers can provide more than a 70% reduction in condenser refrigerant charge due to an efficient coil design and low internal volume. This condenser is available with variable speed EC motors which continuously adjust speed to optimize system performance, providing significant energy savings and sound reduction. The all-aluminum construction of these microchannel coils virtually eliminates the risk of galvanic corrosion enabling application even in harsh environments and coastal areas. The use of microchannel coil technology and energy efficient variable speed EC motors makes this product qualified to be included in the **E Solutions™** product portfolio.

Certifications



Standard Features

Ease of Installation & Service

- Up to 34% lighter than comparable air-cooled condensers with round-tube, plate fin coils
- Approximately 25% lower in height (with same clearance) compared to traditional air-cooled condensers.
- 20" Clearance legs are standard with 40" extended legs available as an option
- Standard connection manifold provided for single circuiting. Other circuiting configurations are available.
- Factory wired for customer supplied analog signal
- Direct acting, series wired motor control
- Through-the-door non-fused disconnect switch
- End access panels for coil-cleaning

Reliable & Durable

- The mono-metal construction of the microchannel coils virtually eliminates the risk of galvanic corrosion. A zinc cladding standard on all coils provides additional corrosion resistance for harsh environments.
- Standard product warranty of 1 year with a 2 year warranty on the microchannel coil and a 3 year warranty on the variable speed EC motors.

Performance

- 70% or more reduction in refrigerant charge due to microchannel coils very high primary to secondary surface area ratio. This allows very efficient heat exchange while maintaining a low internal tube volume.
- Available variable speed EC motors provide optimal energy and sound performance
- Fixed speed AC motors are designed to be compatible for use with variable frequency drives (VFD's).
- Internal baffles between all fan cells.
- SunSource solar energy option also available on this product.

Nomenclature

NR	G	D	04	A	027
Product Line	Model Identifier	Width	# of Fans	Model Identifier	Standard Capacity
NR = Air Cooled Condenser w/ Microchannel Coil Technology	G = 710mm VSEC J = 710mm AC	D = Dual	02 = 2 04 = 4 06 = 6 08 = 8	A = Current Revision	(MBH/Degree TD, R404A)

Microchannel Condenser

Configurable Models Pricing

Need to customize?

- Look below for factory-installed fan control, electrical, and mechanical options.

Configurable Models, Motor Voltages, & List Prices

Specify model, motor voltage, and coil circuiting configuration at time of order. Standard connection manifold is for a single circuit. Other circuiting configurations are available. Please see accompanying technical specifications.

Bohn Configurable Model	List Price by Motor Voltage (\$US)		Fan Config.	Notes
	208-230/3/60	460/3/60		
Models with 710mm VSEC Motors				
NRGD02A014	33,804	33,804	2x1	-
NRGD04A027	68,972	68,972	2x2	-
NRGD06A041	103,458	103,458	2x3	-
NRGD08A054	138,469	138,469	2x4	-
Models with 710mm AC Motors				
NRJD02A014	19,165	19,165	2x1	-
NRJD04A027	38,283	38,283	2x2	-
NRJD06A041	57,443	57,443	2x3	-
NRJD08A054	76,915	76,915	2x4	-

Microchannel Condenser

Options Pricing – VSEC Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Control, Electrical, and Mechanical Options

Standard factory-installed connection manifold is for a single circuit. Other circuiting configurations are available and must be specified at time of order.

Option Code	Option Description	List Price Adder by Model (US\$)			
		NRGD02A014	NRGD04A027	NRGD06A041	NRGD08A054
Fan Control Options					
ECC.002	CPC Analog Control Board	2,957	2,957	2,957	2,957
ECC.003	Danfoss Analog Control Board	3,277	3,277	3,277	3,277
ECC.004	Novar Analog Control Board	3,115	3,115	3,115	3,115
ECC.005	Proportional Pressure Control	2,092	2,092	2,092	2,092
Electrical Options					
MP.002	Individual Motor Fuses	458	916	1,374	1,832
MP.003	Individual Circuit Breakers (230V or 460V)	912	1,818	2,726	3,618
Mechanical Options					
LEGC.002	Extended Legs, 40"	436	436	436	657
Other Options					
PKG.002	Export Crating	946	1,366	1,786	2,206

Microchannel Condenser

Options Pricing – AC Models

Factory-Installed Fan Control, Electrical, and Mechanical Options

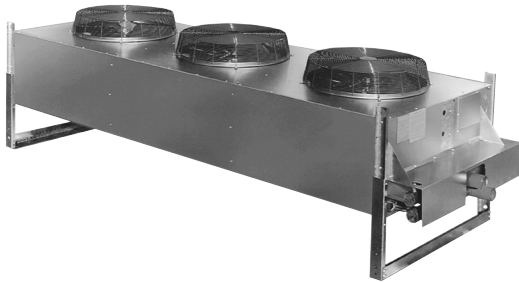
Other circuiting configurations are available and must be specified at time of order.

Option Code	Option Description	List Price Adder by Model (US\$)			
		NRJD02A014	NRJD04A027	NRJD06A041	NRJD08A054
Fan Control Options					
FC.014	CPC Analog Control Board	2,657	2,657	2,657	2,657
FC.002	2P TB FC	229	229	229	229
FC.003	Ambient Fan Cycling	1,336	1,336	1,336	1,336
FC.006	Pressure Fan Cycling Mech.	2,074	2,074	2,074	2,074
FC.007	Pressure Fan Cycling Elec.	2,341	2,341	2,341	2,341
FC.012	Danfoss Analog Control Board	3,153	3,153	3,153	3,153
FC.013	Novar Analog Control Board	3,140	3,140	3,140	3,140
Electrical Options					
CV.002	Control Circuit Transformer	541	541	541	541
Mechanical Options					
LEGC.002	Extended Legs, 40"	436	436	436	657
Other Options					
PKG.002	Export Crating	946	1,366	1,786	2,206

2P TB FC - Two Pole Terminal Board Fan Cycling

Small Fluid Coolers

Overview



Product Description

Direct-drive fluid coolers, available in horizontal or vertical airflow, are ideal for commercial/industrial locations. Available in sizes 5 to 26 tons, these units are easy to install and maintain. Specifically engineered for outdoor installations, the cabinet is constructed of heavy gauge aluminum to resist corrosion in all climates.

Certifications



Standard Features

Ease of Installation & Service

- Completely assembled and tested at the factory
- All fan motor leads are wired to a weatherproof electrical enclosure for single-point field wiring

Reliable & Durable

- Cabinets are heavy-duty construction and designed for outdoor applications; tube sheets and all structural members are fabricated from galvanized steel
- Cabinet panels are fabricated from heavy-gauge aluminum for an attractive appearance and corrosion protection
- Coils are fabricated with corrugated aluminum fins with staggered copper tubes for optimum heat transfer; all units are pressure-tested, dehydrated and pressurized prior to shipment
- Balanced fans, featuring heavy gauge aluminum blades riveted to plated steel spiders
- Corrosion resistant fan blades and guards
- Fan guards are coated steel for optimum corrosion protection
- Wide fin spacing minimizes fouling from foreign materials
- Fan motors have thermal overload protection and permanently lubricated ball bearings

Performance

- Fully baffled fan sections provide structural strength and prevent fan wind-milling in the off cycle
- Coils are the patented cross-fin coil with staggered seamless copper tubes expanded into full collar aluminum fins for high heat transfer efficiency

Versatile

- Available in horizontal or vertical airflow
- Sizes available from 10 GPM through 160 GPM
- A wide selection of circuit options maximizes performance at minimal cost

Nomenclature

DFT	012
Product Line	Size
Direct Drive Fluid Cooler	Model

Small Fluid Coolers

Configurable Models & Options Pricing

Configurable Models, Factory-Installed Options, & List Prices

- Specify model motor voltage and type at time of order. 208-230/1/60 motors may be field connected to 230/3/60 power.
- Standard Control Circuit Voltage is 230V unless otherwise specified. 24V & 115V are available at no additional cost. Specify control circuit voltage when ordering.
- Fan cycling pricing does not include control circuit transformer for 460V or 575V units. If needed, transformer can be ordered from ship-loose accessories.

Bohn Configurable Model	List Price (\$US)	Fan Config.	Factory-Installed Options List Price Adders (\$US)				
			Fan Cycling Options		Coil Coatings		
			1 PH Amb.	3 PH Amb.	BohnGuard™ Coated Fins	ElectroFin Coil	Bronz-Glow Coating
208-230/1/60 with PSC Motors							
DFT005	5,556	1x1	-	-	328	Call Factory	Call Factory
DFT008	7,017	1x1	-	-	522	Call Factory	Call Factory
DFT010	8,577	1x2	504	-	588	Call Factory	Call Factory
DFT012	9,631	1x2	504	-	648	Call Factory	Call Factory
DFT014	11,015	1x2	504	-	784	Call Factory	Call Factory
DFT016	12,073	1x2	504	-	960	Call Factory	Call Factory
DFT021	13,920	1x3	702	-	1,063	Call Factory	Call Factory
DFT023	14,313	1x3	702	-	1,212	Call Factory	Call Factory
DFT026	15,628	1x3	702	-	1,474	Call Factory	Call Factory
208-230/3/60 with Polyphase Motors							
DFT005	5,885	1x1	-	-	328	Call Factory	Call Factory
DFT008	7,273	1x1	-	-	522	Call Factory	Call Factory
DFT010	9,202	1x2	-	1,268	588	Call Factory	Call Factory
DFT012	10,148	1x2	-	1,268	648	Call Factory	Call Factory
DFT014	11,531	1x2	-	1,268	784	Call Factory	Call Factory
DFT016	12,590	1x2	-	1,268	960	Call Factory	Call Factory
DFT021	14,700	1x3	-	1,564	1,063	Call Factory	Call Factory
DFT023	15,090	1x3	-	1,564	1,212	Call Factory	Call Factory
DFT026	16,404	1x3	-	1,564	1,474	Call Factory	Call Factory
460/3/60 with Polyphase Motors							
DFT005	5,885	1x1	-	-	328	Call Factory	Call Factory
DFT008	7,273	1x1	-	-	522	Call Factory	Call Factory
DFT010	9,202	1x2	-	1,268	588	Call Factory	Call Factory
DFT012	10,148	1x2	-	1,268	648	Call Factory	Call Factory
DFT014	11,531	1x2	-	1,268	784	Call Factory	Call Factory
DFT016	12,590	1x2	-	1,268	960	Call Factory	Call Factory
DFT021	14,700	1x3	-	1,564	1,063	Call Factory	Call Factory
DFT023	15,090	1x3	-	1,564	1,212	Call Factory	Call Factory
DFT026	16,404	1x3	-	1,564	1,474	Call Factory	Call Factory
575/3/60 with Polyphase Motors							
DFT005	6,268	1x1	-	-	328	Call Factory	Call Factory
DFT008	7,656	1x1	-	-	522	Call Factory	Call Factory
DFT010	9,967	1x2	-	1,268	588	Call Factory	Call Factory
DFT012	10,913	1x2	-	1,268	648	Call Factory	Call Factory
DFT014	12,295	1x2	-	1,268	784	Call Factory	Call Factory
DFT016	13,354	1x2	-	1,268	960	Call Factory	Call Factory
DFT021	15,848	1x3	-	1,564	1,063	Call Factory	Call Factory
DFT023	16,237	1x3	-	1,564	1,212	Call Factory	Call Factory
DFT026	17,551	1x3	-	1,564	1,474	Call Factory	Call Factory

Notes:

1. For selection or sizing assistance, use Heatcraft's New ProSelect software or contact your local your Sales Representative or Account Engineer.
2. Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Small Fluid Coolers

Shipped-Loose Accessories

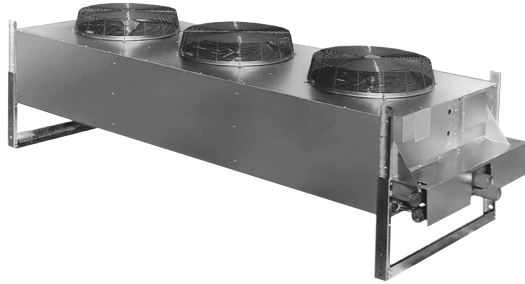
Can't Find An Option or Accessory?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Part Number	Description	Models Used On	List Price (\$US)	Notes
8990065	Expansion tank and mounting kit	ALL	616	12x24 horizontal tank, 12 gallon, 30 PSIG, non-ASME
R038253919	Control Circuit Transformer	ALL	549	-

Large Fluid Coolers

Overview



Product Description

Direct drive fluid coolers available in 23 to 212 nominal tons with vertical air flow are designed to save time on installation, provide excellent performance, long service life and a wide range of performance selections. These units are ideal for commercial/industrial locations and are constructed of heavy gauge aluminum and galvanized steel providing the corrosion resistance necessary in outdoor applications.

Certifications



Standard Features

Ease of Installation & Service

- Completely assembled and tested at the factory
- All fan motor leads are wired to a weather resistant electrical enclosure for single-point field wiring

Reliable & Durable

- Cabinets are heavy-duty construction and designed for outdoor applications; tube sheets and all structural members are fabricated from galvanized steel
- Cabinet panels are fabricated from heavy-gauge aluminum for an attractive appearance and corrosion protection
- Coils are fabricated with corrugated aluminum fins with staggered copper tubes for optimum heat transfer; all units are pressure-tested, dehydrated and pressurized prior to shipment
- Floating Tube™ coil design reduces the possibility of tube sheet leaks
- Statically and dynamically balanced fan blades are aluminum and riveted to painted steel spider and hubs
- Fan guards are coated steel for optimum corrosion protection
- Fan motors have thermal overload protection and permanently lubricated ball bearings

Performance

- Fully baffled fan sections provide structural strength and prevent fan wind-milling in the off cycle

Versatile

- Vertical airflow
- Modular design with models in single and double rows of fans
- Flow rates available from 20 GPM through 500 GPM
- A wide selection of circuit options maximizes performance at minimal cost

Nomenclature

BFH	053
Product Line	Size
Direct Drive Fluid Cooler	Model

Large Fluid Coolers

Configurable Models Pricing

Need to customize?

- Look on page 222 for factory-installed options.
- Look on page 223 for shipped-loose accessories.

Specify model motor voltage at time of order.

Bohn Configurable Model	List Price by Motor Voltage (\$US)			Fan Config.
	208-230/3/60	460/3/60	575/3/60	
BFH023	14,322	14,322	14,322	1x2
BFH027	15,376	15,376	15,376	1x2
BFH031	17,410	17,410	17,410	1x2
BFH035	20,675	20,675	20,675	1x2
BFH041	23,952	23,952	23,952	1x3
BFH045	25,627	25,627	25,627	1x3
BFH046	28,772	28,772	28,772	2x2
BFH049	28,217	28,217	28,217	1x3
BFH053	31,043	31,043	31,043	1x4
BFH054	31,183	31,183	31,183	2x2
BFH060	34,135	34,135	34,135	2x2
BFH061	33,922	33,922	33,922	1x4
BFH065	36,923	36,923	36,923	1x4
BFH066	37,630	37,630	37,630	2x2
BFH070	40,741	40,741	40,741	2x2
BFH071	40,344	40,344	40,344	1x4
BFH075	44,540	44,540	44,540	1x5
BFH079	46,835	46,835	46,835	1x5
BFH080	47,116	47,116	47,116	2x3
BFH086	51,111	51,111	51,111	2x3
BFH089	50,563	50,563	50,563	1x5
BFH090	53,400	53,400	53,400	2x3
BFH097	55,730	55,730	55,730	1x6
BFH098	58,208	58,208	58,208	2x3
BFH106	64,436	64,436	64,436	2x4
BFH107	62,463	62,463	62,463	1x6
BFH120	71,104	71,104	71,104	2x4
BFH132	78,390	78,390	78,390	2x4
BFH140	81,945	81,945	81,945	2x4
BFH152	88,311	88,311	88,311	2x5
BFH162	93,176	93,176	93,176	2x5
BFH168	99,389	99,389	99,389	2x5
BFH178	102,651	102,651	102,651	2x5
BFH194	114,763	114,763	114,763	2x6
BFH202	117,765	117,765	117,765	2x6
BFH212	124,529	124,529	124,529	2x6

Notes:

For sizing and selection assistance, use Heatcraft's new ProSelect software or contact your local Sales Representative or Account Engineer.

Large Fluid Coolers

Options Pricing – All Models

Can't Find An Option?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Factory-Installed Fan Cycling, Electrical, and Mechanical Options

- Fan cycling is based on leaving liquid temperature. Single wide fan cycling kits consist of a motor contactor per fan with fan cycling controls on all fans except the header fan. Double wide fan cycling kits consist of a motor contactor per pair of fans with fan cycling controls on all fans except the header pair of fans.
- The standard fan cycling control circuit is 230V with power field supplied by others. 24V and 115V control circuits with power field supplied by others are available at no additional cost. Specify control circuit voltage at time of order.
- Fan cycling kit does not include control circuit transformer. Optional factory installed control transformers are available to convert 460V or 575V main power supplies to 230V, 115V or 24V control power or 230V main power to 115V or 24V control power.

Option Code	Option Description	List Price Adder by Fan Configuration (US\$)									
		1x2	1x3	1x4	1x5	1x6	2x2	2x3	2x4	2x5	2x6
Fan Cycling Options											
R040.R005	Fan Cycling	1,329	1,668	2,423	2,959	3,747	1,329	1,668	2,423	2,959	3,747
Electrical Options											
CV.002	Control Circuit Transformer	497	497	497	497	497	497	497	497	497	497
MP.002	Individual Motor Fuses	458	687	916	1,145	1,374	916	1,374	1,832	2,291	2,748
MP.004	Paired Motor Fuses	-	-	-	-	-	458	687	916	1,145	1,374
MP.003	Individual Circuit Breakers (240V or 460V)	912	1,357	1,818	2,264	2,726	1,818	2,726	3,618	4,528	5,437
MP.005	Paired Circuit Breakers (240V or 460V)	-	-	-	-	-	912	1,357	1,818	2,264	2,726
FCS.002	Fan Toggle Switches	192	285	381	477	573	381	573	764	955	1,145
FCS.004	Paired Fan Toggle Switches	-	-	-	-	-	192	285	381	477	573

Coil Protection Options

Bohn Configurable Model	List Price Adders (\$US)		
	BohnGuard™ Coated Fins	ElectroFin Coils	Bronz-Glow Coating
Single Row of Fans			
BFH023	829	Call Factory	Call Factory
BFH027	873	Call Factory	Call Factory
BFH031	1,324	Call Factory	Call Factory
BFH035	1,929	Call Factory	Call Factory
BFH041	2,152	Call Factory	Call Factory
BFH045	2,152	Call Factory	Call Factory
BFH049	2,679	Call Factory	Call Factory
BFH053	3,207	Call Factory	Call Factory
BFH061	3,207	Call Factory	Call Factory
BFH065	4,050	Call Factory	Call Factory
BFH071	4,050	Call Factory	Call Factory
BFH075	4,473	Call Factory	Call Factory
BFH079	5,558	Call Factory	Call Factory
BFH089	5,558	Call Factory	Call Factory
BFH097	6,391	Call Factory	Call Factory
BFH107	7,223	Call Factory	Call Factory

Bohn Configurable Model	List Price Adders (\$US)		
	BohnGuard™ Coated Fins	ElectroFin Coils	Bronz-Glow Coating
Double Row of Fans			
BFH046	1,659	Call Factory	Call Factory
BFH054	1,745	Call Factory	Call Factory
BFH060	2,647	Call Factory	Call Factory
BFH066	3,856	Call Factory	Call Factory
BFH070	3,856	Call Factory	Call Factory
BFH080	4,301	Call Factory	Call Factory
BFH086	4,301	Call Factory	Call Factory
BFH090	4,301	Call Factory	Call Factory
BFH098	5,359	Call Factory	Call Factory
BFH106	6,416	Call Factory	Call Factory
BFH120	6,416	Call Factory	Call Factory
BFH132	8,100	Call Factory	Call Factory
BFH140	8,100	Call Factory	Call Factory
BFH152	8,948	Call Factory	Call Factory
BFH162	11,116	Call Factory	Call Factory
BFH168	11,116	Call Factory	Call Factory
BFH178	11,116	Call Factory	Call Factory
BFH194	12,290	Call Factory	Call Factory
BFH202	13,892	Call Factory	Call Factory
BFH212	14,777	Call Factory	Call Factory

Notes:
Copper Fin Coils are available. Contact your Sales Representative or Account Engineer for more information.

Large Fluid Coolers

Shipped-Loose Accessories

Can't Find An Option or Accessory?

Other options and accessories might be available on a custom order basis. Please contact your local Sales Representative or Account Engineer for assistance.

Connection Manifold Kits

Fluid cooler manifolds are for converting standard two circuit fluid coolers to single circuit. Price includes all tube and fittings for field brazing to inlet and outlet.

Feeds	Part Number	List Price (\$US)	Inlet	Outlet
18	MANF18	1,606	2 @ 2 1/8"	1 @ 4 1/8"
28	MANF28	1,606	2 @ 2 1/8"	1 @ 4 1/8"
36	MANF36	1,606	2 @ 2 1/8"	1 @ 4 1/8"
42	MANF42	1,711	2 @ 2 5/8"	1 @ 4 1/8"
56	MANF56	1,711	2 @ 2 5/8"	1 @ 4 1/8"
84	MANF84	2,761	2 @ 3 1/8"	1 @ 4 1/8"
112	MAN112	3,642	2 @ 3 5/8"	1 @ 4 1/8"

Beacon II™ Refrigeration System

System Overview



Product Description

Beacon II™ Refrigeration System is a patented, pre-assembled, factory-installed refrigeration control system featuring an integrated microcomputer-based electronic control board and an electric expansion valve at the heart of the system. With components factory mounted at both the condensing unit and evaporator, the Beacon II™ system can be used with single or multiple evaporator applications. While perfect for restaurants and convenience stores, the Beacon II™ system can be scaled up to meet the needs of larger refrigerated warehouses with optional system devices such as the Beacon II™ Smart Controller and Communications Hub.

Certifications



Features and Benefits

Reduced Installation Time/Cost

- Factory mounted components, testing, and programming substantially reduces field assembly and fine tuning at the job site

Increased System Efficiency & Reliability

- Beacon II™ electronic control board and electric expansion valve more accurately controls the flow of refrigerant versus traditional thermal expansion and solenoid valves
- Preset factory superheat allowing the system to run more efficiently and reducing future adjustments

Reduced Energy & Operating Costs

- Reduce up to 75% of unnecessary defrosts per day versus traditional timer systems with the Beacon II™ Smart Defrost

Improved Product Integrity & Reduced Spoilage

- Precise temperature control improves product integrity while alarm notifications helps prevent small problems from turning into large problems

Strengthen Food Safety Compliance Programs

- Data-logging capability helps comply with FDA and USDA HACCP food safety requirements

Compatible with the Remote Refrigeration Control

- Web based remote monitoring and control service offering that provides instant access 24/7 to real time refrigeration system status and information

Factory Mounted Components

Condensing Unit

- Wired for Beacon II™ control with all necessary relays, contactors, time delay, and terminal blocks
- Outdoor air temperature sensor

Evaporator

- Beacon II™ control board with easy to read alphanumeric LED display
- Three temperature sensors (defrost temp, suction temp, room temp)
- Electronic expansion valve that closes automatically on loss of power
- 24-volt transformer, 24-volt compressor contactor, low pressure time delay switch, and suction pressure transducer

Eliminated Components

These traditional components are not required with a Beacon II™ system:

- Liquid-line solenoid valve
- Room thermostat
- Thermal expansion valve
- Defrost time clock
- Defrost termination/fan delay switch
- Defrost and fan contactors

Optional Devices

- Beacon II™ Smart Controller
- Beacon II™ Smart Defrost
- Beacon II™ Smart II Software
- Beacon II™ Communications Hub

Beacon II™ Refrigeration System

Selection & Pricing

STEP 1 : Determine the condensing unit and evaporator(s) needed for the heat load and application.

STEP 2 : Price the Beacon II™ condensing unit model with options from the appropriate section in this product catalog.

Note : Defrost kits are not required since the Beacon II™ factory-installed components in the condensing unit include all the accessories necessary for defrost.

STEP 3 : Price the evaporator(s) with the factory-installed Beacon II™ system option from the appropriate section in this product catalog.

STEP 4 : Save more energy and further reduce operating costs by adding additional Beacon II™ system components from below.



Beacon II™ Smart Controller

- Optional system monitoring and programming control device.
- Mount in a convenient location for easy access on site.
- Remote access capability via a web connection.
- Can program and control up to four condensing units with up to four evaporators on each system.

Beacon II™ Smart Controller

Part Number	List Price (\$US)
89704301	2,341



Beacon II™ Smart Defrost

- A patented algorithm included in the Beacon II™ Smart Controller.
- Predicts frost accumulation and initiate defrosts only when needed.
- Reduce up to 75% of unnecessary defrosts per day verses traditional timer systems.



Beacon II™ Smart II Software

- Windows®-based software
- Remote system monitoring, programming, and data logging.
- Data-logging capability helps comply with FDA and USDA HACCP food safety requirements.

Beacon II™ Smart II Software

Part Number	List Price (\$US)
89704101	675



Beacon II™ Communications Hub Kit

- Allows single point connection of up to 4 Smart Controllers.
- Includes one 24 VAC power supply, four serial ribbon cables, and four 6 ft. null modem cables.

Beacon II™ Comm. Hub Kit

Part Number	List Price (\$US)
89708001	7,003

Beacon II™ must be ordered as a system! When ordering a Beacon II™ system, please advise the box temperature, liquid temperature and refrigerant so that the proper evaporator nozzle can be installed. When applying an electric defrost coil in a medium temperature application, nozzle size is critical and must be evaluated. For assistance, please contact your local Sales Representative or Account Engineer.

SunSource™

Factory-Installed Option



Product Description

The SunSource™ Commercial Refrigeration Energy System integrates solar power directly with an appropriately configured microchannel condenser. The SunSource system allows building owners to take control of their building's energy costs and can even enable grid-free operation during peak generation in many applications.

Features & Benefits

Ease of Installation

- Plug-and-play design
- Micro-inverter design eliminates dangerous high voltage DC power lines which typically require specialists to install• Plug-and-play design
- Allows for integration of solar energy without changes to the building's electrical infrastructure
- Uses specially configured condenser as the interface with the building/grid power supply
- Installation costs can be up to 15% less than traditional solar energy systems

Performance

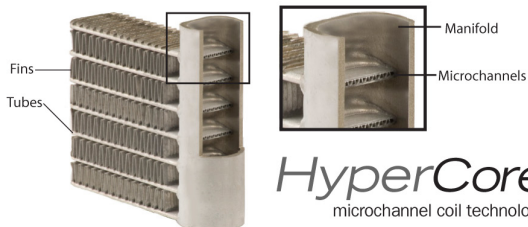
- Use of multiple micro-inverters increases redundancy to ensure system remains operational even in if an individual inverter fails
- Communication module provides online monitoring of system status, energy production, and environmental benefits in real-time

Safety

- Each micro-inverter has a maximum output of 50 volts. This design is much safer than the design typically found in high voltage DC lines of traditional solar power systems—which can reach as high as 600 volts.
- In the event of a power loss or system shutdown, the micro-inverters stop transmitting power

HyperCore™ Micro-Channel Coils

General Information



Product Description

HyperCore™ microchannel condenser coils , a standard feature on the ½ - 6 HP air-cooled condensing units, are all-aluminum coils with multiple flat tubes containing small channels (microchannels) through which refrigerant flows. Heat transfer is maximized by the insertion of angled and louvered fins inbetween the flat tubes. These components are joined with two refrigerant manifolds using an aluminum-zinc alloy brazing material in a nitrogen-charged braze furnace to make the completed microchannel coil.

Certifications



Features & Benefits

Improved Heat Transfer Performance

- 20-30% higher than traditional copper-aluminum round-tube plate fin (RTPF) coils with epoxy coating of the same size, enabling comparable capacity achievement with a smaller coil

Improved Corrosion Protection

- Monometal (aluminum) construction gives no opportunity for galvanic corrosion – HyperCore™ microchannel coils have been proven to last up to two times (2X) longer than standard RTPF coils in extended tests

Reduced Refrigerant Charge & Reduced Costs

- Condenser coil refrigerant charge may be reduced by up to 75%, leading to as much as a 40% reduction in system charge and reducing costs for end users

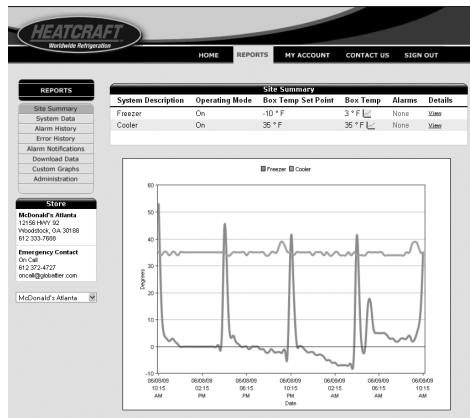
Improved Durability & Reduced Potential for Leaks

- Require only one manual braze operation versus 50-100 manually brazed joints for RTPF, significantly reducing the likelihood for leaks
- Flat tubes serve as a fin guard to help protect the fins from damage

Environmentally Friendly

- 100% recyclable
- Reduced refrigerant helps decrease the potential for ozone depletion and global warming

Remote Refrigeration Control



Product Description

The Remote Refrigeration Control, perfect for both foodservice and cold storage applications, is a web based remote monitoring and control service offering that provides instant access 24/7 to real time refrigeration system status and information. Heatcraft is proud to offer the most advanced commercial refrigeration system monitoring package available in the industry. The Remote Refrigeration Control is compatible with both the Beacon II™ Refrigeration System and the Mohave™ Advanced Hot Gas Defrost System.

General Information

Features and Benefits

Securely Manage Your Beacon II Refrigeration Systems From Any Web Enabled Device 24/7

- Monitor and control the Beacon II refrigeration system(s) at one or more sites through a single website
- Secure login with multiple user level profiles and access rights

Improve System Efficiency & Reliability

- Real-time system information and advanced reporting/graphing capabilities provide you the tools necessary to keep your system running at peak performance

Increase Product Integrity & Service Call Effectiveness

- System Alarm Alerts sent 24/7 via e-mail or SMS text message notify you promptly of refrigeration system alarm conditions
- Remote troubleshooting capability improves first call resolution by providing refrigeration system data to the user

Strengthen Food Safety Compliance Programs

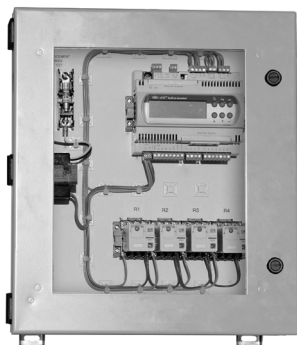
- Data-logging, advanced reporting capabilities, and alarm notification capabilities help comply with FDA and USDA HACCP food safety requirements

A Service Package That Meets Your Needs

- Collect and display 40+ datapoints from your Beacon II refrigeration system in real-time

For more information, please contact your local Sales Representative or Account Engineer.

Lead Lag Control System



Product Description:

The Lead Lag Control System provides an integrated thermostat and staging control for cold rooms with multiple refrigeration systems. Lead Lag Control Systems are available for 2 to 4 systems and utilize predictive control algorithms to increase systems reliability and energy efficiency. The Lead Lag Control System is compatible with both conventional refrigeration systems and Mohave Advanced Hot Gas Defrost Systems.

General Information

Features and Benefits

- Controls from 2 to 4 systems
- Integrated thermostat with multiple temperature sensor capability
- Controls both conventional and Mohave refrigeration systems
- Suitable for either 100% redundant or split load applications
- Alarm capability for High and Low Temperature, Controller Power Loss and Temperature Sensor Failure
- Predictive control algorithm utilizing Output Time or FIFO control strategies to equalize system run times
- Compressor run and staging timers
- User friendly interface
- Increased system reliability
- Energy efficient

Cat #	Number of Controlled Systems	List Price (\$US)
LLT24	2	4,790
LLT34	3	4,948
LLT44	4	5,106

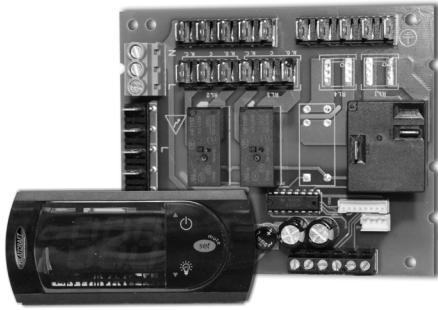
Note: LLT units include one temperature sensor. Any additional sensors must be ordered as a separate item.

Temperature Sensors

Cat #	List Price (\$US)
28988042	77

Split System Controller

General Information

**Product Description:**

Heatcraft Worldwide Refrigeration introduces an innovative walk-in cooler controller solution to provide improved defrost control.

The new Split System Controller combines three mechanical components into one electronic solution to reduce defrost complexity; providing restaurant and business operators with a simple, reliable and flexible solution.

Features and Benefits

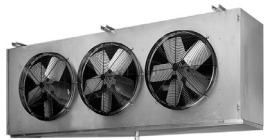
- Replaces three mechanical components:
- Defrost termination switch
- Defrost timer
- Mounted thermostat
- Preprogrammed parameters suited to your environment
- One controller for all operating temperatures
- Wiring eliminated to condensing unit, reducing install time
- Easy to read LED display
- Remote monitoring and control capability to improve defrost performance
- 66% reduction in required defrost components
- Built-in alarm and error code options

Cat #	Description	List Price (\$US)
21301701	115V & 208-230V Air Defrost	875
21301702	208-230V Electric Defrost	1,050
89905402	Field Kit- 115V Air Defrost	1,275
89905403	Field Kit- 208-230V Air Defrost	1,275
89905401	Field Kit- 208-230V Electric Defrost	1,475

Split System Controller is currently only offered for Low Profile unit coolers. For more information, please contact your local Sales Representative or Account Engineer.

Mohave™ Advanced Hot Gas Defrost System

6 to 40 HP Split Systems



Mohave™
THE ADVANCED HOT GAS DEFROST SYSTEM



Product Description

Mohave™ Advanced Hot Gas Defrost System is a heat pump based design consisting of a vertical discharge condensing unit matched to one or two evaporators, medium profile or large unit coolers. Featuring a state-of-the-art electronic defrost controller, the system operates in all outdoor ambient temperatures (tested to -20°F) and uses a proprietary control scheme to automatically adjust to changing conditions so that the system continues to operate at its most optimal level. The Mohave™ Advanced Hot Defrost System is designed for simplicity and optimal performance for use in agricultural, process cooling, cold storage and warehouse applications. The energy efficiency of this line makes it qualified to be included in the **E Solutions™** product portfolio.

Certifications



Features & Benefits

Most Advanced

- The most sophisticated controller used for hot gas defrost applications
- Optimizes performance with changing conditions. There is no need to seasonally adjust settings!
- Sensors gather information and assess the condition of the system to defrost more efficiently

Most Versatile

- Performs exceptionally in all ambient conditions because the controller automatically adjusts to operate efficiently and effectively. Traditional systems often have to be adjusted by hand twice a year.
- Service switch, which allows the system to “sleep” until needed next, is perfect for seasonal agricultural applications.

Simplest to Use

- Control board is preset with factory settings optimized for model size and refrigerant type. No programming is required!
- Basic and expert menu modes allow for flexibility for various degrees of expertise

Lowest Maintenance

- No valves or times to adjust for seasonal conditions
- No water tank to maintain or check for leaks
- Advanced troubleshooting keeps you in the know all the time, with a minimal amount of effort.
- Special Evacuation Mode opens all necessary valves

Best Investment Protection

- Controller is customized to operate within the specified operation envelope, ensuring the safest and most efficient performance
- No guesswork is involved in the system settings, so you do not have to compromise the integrity of your product
- Detailed error and alarm codes greatly reduce troubleshooting time

Compatible With Heatcraft Vantage™ Console

- Web based remote monitoring and control service offering that provides instant access 24/7 to real time refrigeration system status and information

System Components

Electronic Control Board

- Controller completely manages timing and sequence of defrost
- Automatically compensates for changes in outdoor temperatures
- Monitors all pressures, temperatures, and set points in real time
- Easily programmable through a menu driven interface
- Conformal coated to handle the toughest conditions
- LED indication on the board clearly shows system status
- Remote alarm notification

Vertical Discharge Condensing Unit

- Available Models: 6-30 HP low temperature and 7-40 HP medium temperature
- Featuring Discus semi-hermetic compressors

Evaporators

- One or two medium profile evaporators or large unit coolers per system

For more information, please contact your local Sales Representative or Account Engineer.

Two Stage Condensing Units & Systems

5 to 30 HP

**Product Description**

Two stage condensing, units with Bitzer compressors, matched with 1 or 2 Medium Profile evaporators are designed for applications requiring a suction temperature below -40° F SST. The two stage system can operate down to -65° F SST which allows for room temperatures down to -50° F. These systems are ideal for blood, plasma, pharmaceutical, food and various other storage needs.

Certifications

ETL-508a listed control panel

Standard Features**Condensing Unit**

- Bitzer two stage compressor
- Discharge and suction vibration eliminators
- Discharge muffler
- Encapsulated high pressure switch
- Adjustable low pressure switch with superhose
- Crankcase heater and crankcase pressure regulator
- Compressor contactor w/circuit breaker
- Floating Tube™ coil design
- Flooded head pressure controls
- Pressure fan cycling (multiple fan units)
- Oil separator - return line solenoid valve and time delay
- Mechanical subcooler
- Replaceable core liquid line filter drier
- Suction accumulator and replaceable core suction filter
- Defrost timer
- Defrost heater and evaporator fan contactors with fusing
- Phase monitor, anti short cycle timer, and pumpdown switch

Evaporator

- Thermo-Flex™ coil design
- Thermostatic expansion valve factory installed
- Liquid line solenoid valve factory installed
- Low temperature motors
- Double wall insulated drain pan
- Adjustable defrost termination and fan delay

For more information, please contact your local Sales Representative or Account Engineer.

FlexPack™

5 to 18 HP



FLEXPACK™

Product Description

FlexPack™ multiple compressor condensing units offer the flexibility for a wide range of applications. The modular design accommodates up to three compressors (1/2 to 6 HP Hermetic or Scroll), is available in 230/1/60 or 230/3/60, and with R-22 and R-404A models for medium or low temperature applications. Perfect for restaurants and convenience stores where remote condenser circuits are needed for ice machines, drink dispensers, display cases and more, this product significantly reduces air conditioning energy costs by reducing the heat load in the space. Features of this line provide outstanding results for the refrigeration system and bottom line.

Certifications



Features and Benefits

Flexible Design

- Modular design accommodates up to 3 compressors (1/2 to 6 HP Hermetic or Scroll)
- System capacity range from 5 to 18 HP (dependent upon cabinet size)
- Small footprint
- Rooftop AC style appearance to blend with existing equipment

Reduced Installation Costs and Easy Serviceability

- Hinged access panels to refrigeration and electrical components
- Single roof penetration
- Single-point main power
- Clean and intuitive electrical and piping layout

Durable & Reliable

- 14-gauge galvanized steel frame
- Industrial grade, painted galvanized steel
- 1-year parts warranty
- 4-year optional compressor warranty

Increased Energy Efficiency & Reduced Sound

- Remote condenser circuits reduce heat load into space resulting in lower air conditioning energy costs
- Recessed, vertical-discharge, flush-mounted 18" fans with 1100 RPM motors reduce noise levels

Components

- Fixed high pressure switch
- Fixed low pressure switch on medium and high temperature compressor modules
- Adjustable low pressure switch on low temperatures modules
- Suction service ports on all modules
- Suction accumulator (CS & CF extended temperature compressors)
- Vertical receiver in 6" x 12" or 6" x 27" sizes
- Sealed type liquid line drier and suction filter
- Head pressure control valve
- Aluminum fin coils
- Crank case heater
- Sight glass

Options

- Beacon II Refrigeration System available
- Defrost timer (air or electric)
- Individual compressor circuit breakers or fuses
- Unit fused disconnect
- Copper finned coils
- Polyester coated fins
- Liquid line solenoid valve
- Adjustable low pressure switch on high and medium temperature compressors

For more information, please contact your local Sales Representative or Account Engineer.

Air Handlers

03 to 75 Tons



Product Description

Air Handler units are available in sizes 03 through 75 tons in multiple cabinet styles. This equipment is engineered and built to fit your unique project requirements. Whether it is cooling, heating, or ventilation, multiple coil types and accessories are available to meet specific application needs.

Certifications



Standard Features

Basic Cabinet

- Fan section and a coil section with double wall drain pan.
- Galvanized steel with 1" - 3/4 pound density mat faced fiberglass insulation.
- All fan sections have hinged and latched access doors.

Fan Section

- Motors mount inside of cabinet.
- All units have a single fan design (either forward curved or airfoil)
- Single, double width, double inlet fan wheels for quiet performance and low energy consumption
- Fans are statically and dynamically balanced in fan section before the unit leaves the factory
- Fan bearings are ball bearing type selected for 200,000 hour average life.

Coil Section

- A wide variety of coil types to meet the load requirements of conditioned spaces including water, direct expansion, heat reclaim and steam coils.

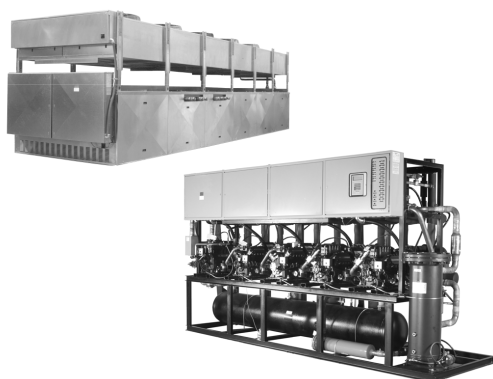
Accessories

- Electric Heaters and remote control panels
- A wide variety of filter sections: flat, high capacity, and high efficiency
- Economizer sections
- Internal or external face and bypass damper section

For more information, please contact your local Sales Representative or Account Engineer.

Refrigeration Racks

Up to 320 HP



Product Description

Providing a high level of design flexibility, racks are offered for indoor and outdoor applications with up to 8 parallel-piped compressors. This equipment is commonly used in cold storage applications. It is engineered and built to fit your unique project requirements and can be used with air-cooled, water-cooled or evaporative-cooled condensers.

Certifications

ETL-508a listed control panel

Standard Features

Cabinet

- Larger capacity in a compact footprint
- 3-8 compressors on one frame

Compressor

- Optimum compressor sizing to meet project requirements
- Compressor combination up to 320 HP

Performance & Service

- Single point wiring and piping
- Designed for optimum energy savings, faster installation and reduced maintenance costs
- Controls up to 3 suction groups
- Total project capacity requirements in one unit
- Microprocessor control
- Defrost function flexibility

Applications

- Food processing plants
- Blast cooling and freezing applications
- Food and beverage distribution facilities
- Hydrocoolers for produce cooling

For more information, please contact your local Sales Representative or Account Engineer.

Compressor Protection Plan

Extended Warranty

Condensing Unit Compressors

Warranty Item ID	Compressor Horsepower	List Price (\$US)
Hermetic Compressors		
ACH0	0.5 - 1.0	510
ACH1	1.1 - 1.9	566
ACH2	2.0 - 2.9	622
ACH3	3.0 - 5.0	687
Semi-Hermetic Compressors (Discuss or Reed)		
ACA0	0.5 - 1.0	853
ACA1	1.1 - 1.9	873
ACA2	2.0 - 2.8	1,301
ACA3	2.9 - 3.9	1,483
ACA4	4.0 - 5.9	2,215
ACD5	6.0 - 6.9	2,657
ACD7	7.0 - 8.9	2,704
ACD11	9.0 - 11.9	3,503
ACD13	12.0 - 14.9	4,224
ACD15	15.0 - 15.9	5,390
ACD21	20.0 - 22.0	6,698
ACD25	25.0 - 27.0	7,547
ACD30	30.0 - 30.9	8,085
ACD35	35.0 - 35.9	8,429
ACD40	40.0 - 40.9	8,827

Warranty Item ID	Compressor Horsepower	List Price (\$US)
Scroll Compressors		
AZL2	2.0 - 2.9	945
AZL3	3.0 - 3.9	1,222
AZL5	4.0 - 5.9	1,276
AZL6	6.0 - 6.9	1,316
AZL7	7.0 - 8.9	2,186
AZL11	9.0 - 11.9	2,340
AZL13	12.0 - 14.9	2,710
AZL15	15.0	2,771
Bitzer Compressors		
BCSL4	3 - 4	1,370
BCSM5	5	1,507
BCSM9	6 - 10	1,567
BCSM12	12	2,131
BCSL13	13	2,591
BCSM15	15	2,531
BCSM20	20	2,878
BCSM22	22	3,012
BCSM25	25	3,668
BCSM30	30 - 33	3,838
BCSM35	35	4,290

Warranty Item ID	Compressor Horsepower	List Price (\$US)
BCSM40	40	4,895
BCSM50	50	5,290

PRO³ Compressors

Warranty Item ID	Model	List Price (\$US)
WARC0-3	PT*019 - 031L6, PST034L6 PT*024 - 072M6, PST066M6 PT*026 - 076H6, PST070H6	378
WARC1-3	PT*044 - 052L6, PST051 - 057L6 PT*099M6, PST086M6 PT*104H6, PST090H6	384
WARC2-3	PT*069L6, PST077L6 PT*128M6, PST124 - 141M6 PT*133H6, PST131 - 147H6	452

Term of Extended Compressor Warranty:

Heatcraft Refrigeration Products LLC (herein after referred to as "Heatcraft") hereby warrants the covered parts and equipment for a period of five (5) years from the date the standard Heatcraft Product Warranty became effective, all as defined below. This warranty shall become effective upon the expiration of the standard Heatcraft Product Warranty applicable to the parts or equipment. As to PRO³ systems and systems with Bitzer compressors, the warranty shall be effective for a period of three (3) years following expiration of the standard warranty. As to all other Heatcraft traditional products, this warranty shall be effective for a period of four (4) years following expiration of the standard warranty.

Covered Parts and Equipment:

Covered parts and equipment shall include only the motor-compressor assembly (the "Assembly") consisting of the rotor, eccentric rod, piston, wrist pin, suction valve, discharge valve and the housing in which these parts are enclosed. The warranty does not apply to any other parts or equipment, and, without limitation, specifically excludes any equipment to which the Assembly is connected (such as cooling coils, temperature controls, refrigerant, metering devices, etc.), and any other parts, such as the condenser, receiver, connecting tubing, and electric controls such as relays, capacitors, pressure control or fan and motor assemblies.

Statement of Warranty:

If, during the term of this Warranty, any Assembly is found to be defective in material or factory workmanship under normal use and regular service, Heatcraft will reimburse to the original Purchaser-user, named above, the cost of a replacement Assembly or replacement parts, as applicable, less the fair exchange value of the part found to be defective. A determination of defectiveness shall be made by the nearest compressor wholesaler to which the part shall be delivered for inspection by the Purchaser-user. The amount of such reimbursement shall not include any charges for freight or for labor of any kind (including, but not limited to, the labor associated with the disassembly, reassembly, repair or other work performed on the equipment), nor for any other expense in connection with such exchange, repair or replacement. Purchaser-user shall establish the amount of reimbursement due by submitting to Heatcraft a true and correct copy of the wholesaler's net invoice and credits for the replacement Assembly or parts. Notwithstanding anything to the contrary herein, in no event shall Purchaser-user be entitled to total reimbursement hereunder exceeding the "limit of Liability" amount reflected below.

Warranty Limitations:

This warranty applies only to the original Purchaser-user, within the boundaries of the United States of America, its Territories and Possessions, and Canada, and is not assignable. The Purchaser-user is that person, persons, association or corporation for whom the assembly is originally purchased and installed. This Warranty does not apply to damage to the Assembly: occurring during transit, caused by alterations to the parts or equipment, or caused by fire, accidents, fluctuating electrical currents (such as those resulting from running the equipment on a generator), Acts of God, misuse, abuse, failure to properly service and maintain the equipment pursuant to the manufacturer's instructions, or use of non-approved refrigerants in the equipment. This Warranty is void if the covered equipment is moved from its original installation site, or if the serial number on the Assembly is altered, defaced, or removed.

Heatcraft makes no express warranties other than the warranty specified in its standard Warranty and, to the extent applicable, the Warranty as contained in the extended warranty. All implied warranties, including the implied warranties of merchantability and fitness for a particular purpose are excluded to the extent legally permissible. Heatcraft shall have not liability for incidental or consequential damages (including, without limitation, claims for loss of income or profits).

Extended Service Agreements

General Information

Product Description

Today's commercial refrigeration equipment is high-tech. An equipment failure can result in tremendous expense, if it includes repairs, replacement parts, and labor expenses. Equipment owners can potentially save hundreds and even thousands of dollars with a Heatcraft Extended Service Agreement.*

*Limitations Apply. Subject to Service Net terms and conditions. Risk management is provided by Service Net.

Features and Benefits**Complete Peace of Mind**

- Covered repair bills will be paid throughout the term of the agreement*
- Choose the type of coverage required with no deductible to worry about

Buy Tomorrow's Repair Costs at Today's Prices

- Due to outside influences, such as price increases and inflation, repair costs may not remain the same in the future. With an Extended Service Agreement from Heatcraft, equipment owners will have one less worry

Extend Our Manufacturer's Warranty

- Standard coverage is one-year parts. With Heatcraft's Extended Service Agreement, you can extend our manufacturer's warranty for up to five years on parts and labor

What's Covered?

- All Heatcraft evaporators, condensing units, and PRO3 Packaged Systems
- New equipment for up to 5 years. Heatcraft's Extended Service Agreements can be transferred to a new equipment owner for a nominal fee

For more information, please contact your local Sales Representative or Account Engineer.

TERMS OF SALE

ORDER ACCEPTANCE:

All orders must be in writing and are subject to acceptance by SELLER at its principal office.

PAYMENT:

Payment is due net thirty (30) days from date of invoice.

PRICES:

Prices are based on products made to SELLER'S standard manufacturing tolerances. Prices of products are subject to change prior to shipment. SELLER reserves the right to change prices on Buyer's orders to those prices in effect at time of shipment.

FREIGHT ALLOWANCE:

Prices are F.O.B. shipping point, freight allowed on any single purchase order of \$10,000 or more, via lowest common carrier to nearest freight station within continental U.S.A. In addition, Prices are F.O.B. shipping point, freight allowed for multiple orders of less than \$10,000 for which the Buyer schedules consolidation into one shipment equal to or greater than \$5,000 on the same day to one freight station within continental U.S.A.. If special routing is requested for a purchase order of \$10,000 or greater (contract haul, requested flatbed delivery, appointment to meet a crane, etc.), Buyer will be assessed a charge for the difference between such routing and normal minimum freight charge to such point. A purchase order less than \$10,000 or a purchase order that meets the \$10,000 criteria but with shipments to multiple ship-to locations will be shipped F.O.B. shipping point, no freight allowed. Buyer will pay ALL costs associated with the shipment of parts and any orders that are shipped via air freight or expedited delivery. Shipments to destinations outside of the continental U.S.A. will incur charges for the additional cost of transport beyond the U.S.A. border.

DELIVERY:

Any delivery dates which may be indicated herein are estimates only and are not guaranteed. Unless otherwise agreed, delivery shall be F.O.B. shipping point. As to those products for which SELLER maintains manufacturing facilities in different locations, the point of manufacture will be at SELLER's discretion. SELLER shall be excused for any delay in deliveries due to acts beyond its control and not due to its fault or negligence, including, but not restricted to, Acts of God or of the public enemy, acts of the Government of the United States, including any preference priority or allocation order, or of any state, territory or possession thereof of any political subdivision or authority or representative of any of them, strikes, lockouts or labor troubles, embargoes, fires, floods, epidemics, quarantine restrictions, explosions, sabotage or other catastrophes or serious accidents, freight embargoes, unusually severe weather, and delays of a subcontractor or supplier due to any such causes.

CREDIT APPROVAL:

If, during the performance hereof, the financial responsibility of Buyer is determined at the sole discretion of SELLER's Credit Department to be unacceptable or if Buyer fails to make any payments in accordance with the terms hereof, then in any such event, SELLER may defer or decline to make any shipments hereunder except upon receipt of satisfactory security or cash payments in advance or SELLER may terminate this order without further obligations of SELLER to Buyer.

TAXES:

Any direct or excise tax which may now or hereafter be imposed by Federal or State Government or any subdivision thereof upon the manufacture, sale, or delivery of the goods covered by this order may be added by SELLER to the purchase price of such goods, and if so added, shall be paid by the Buyer.

PATENTS:

If any product shall be manufactured and/or sold by SELLER to meet Buyer's particular specifications or requirements, and is not part of SELLER's standard line offered by SELLER to the trade generally, Buyer agrees to indemnify SELLER and hold it harmless from liability, as well as from all costs and expenses, in the event of any claim of patent infringement, whether direct or contributory, arising out of the manufacture of sale of such product.

CANCELLATION OF ORDER:

Partial or total cancellations of this order by Buyer may be made only upon SELLER's written consent and on condition that SELLER shall be reimbursed for all losses and damages resulting from such cancellation.

RETURN GOODS:

No products shall be returned without SELLER's written permission. Products returned shall be subject to a handling charge and transportation costs.

PRODUCT CHANGES:

SELLER reserves the right to change specifications, design and material in the interest of product improvement, without incurring obligation to the Buyer. The terms and conditions of an order shall constitute the sole and exclusive agreement between SELLER and Buyer. No waiver of any provision hereof shall constitute a waiver of any other breach or of such provision.

CLAIMS:

Risk of loss shall in every case pass to Buyer upon delivery of the goods to the possession of the carrier. SELLER shall have no responsibility for any claimed shortages. Buyer must (I) notify SELLER of shortages within ten (10) days after receipt of the product; (II) notify agent or carrier within such time of shortage; and (III) file claim with the carrier for the damage or shortage claimed.

TERMS AND CONDITIONS

1. All orders must be in writing. Manufactured-to-order production will not commence unless a written order is provided.
2. Tax Exemption Certificates must be provided for ship-to designated states, or applicable taxes will be added to invoice.
3. Stock items may be cancelled prior to shipment without penalty. Manufactured-to-order items may incur up to 100% of purchase price for cancellation.
4. Standard Catalog Warranty For Products and Service Parts:
 - SELLER warrants to its direct purchasers that products, including Service Parts, manufactured by SELLER shall be of a merchantable quality, free of defects in material or workmanship, under normal use and service for a period of one (1) year from date of original installation, or eighteen (18) months from date of shipment by SELLER, whichever first occurs.
5. Four-Year Extended Compressor Warranty (Optional):
 - Available within the boundaries of the United States of America, its Territories and Possessions, and Canada, and is not assignable.
 - Replacements through authorized compressor distributors only.
 - within first year - warranty by distributor.
 - second through fifth year - supply proof-of-purchase of new compressor to Heatcraft Refrigeration Products Warranty Claims for reimbursement.

ORDER IN-WARRANTY REPLACEMENT

In those instances where it is necessary for our customers to place in-warranty orders, some standard information must be provided when the order is placed with the Customer Service Specialist, or with Warranty Claims personnel.

- Complete model and serial number of unit involved.
- Original purchaser of equipment, original invoice number or acknowledgment number. If information is not available, further research will be necessary to validate warranty.
- Start-up date of the equipment involved.
- Failure date of the part which is being replaced.

In those instances where the defective item was a stock replacement, the model and serial number of the original unit are not required. Service parts for products out-of-original warranty are warranted for a period of one (1) year from date of original installation or eighteen (18) months from date of shipment by SELLER.

At the time the order is placed with the Customer Service Specialist, a determination will be made if the defective material should be returned.

An invoice will be issued to the customer for the replacement material with a notation concerning if the material can be "field scrapped" or if return to the plant of manufacture is required.

Warranty Claims will process a credit memo offsetting the amount of the invoice, plus any surface freight charges. The warranty in effect for equipment and/or parts does not cover the cost of special freight terms.

CANCELLATION OF ORDER

Orders for stock items may be cancelled up until the point of shipment at no penalty. For any built-to-order product, if Buyer has not released such product for shipment within six (6) months of the date of manufacture of such product, SELLER may cancel the order for such product and Buyer shall promptly pay SELLER, as fixed, agreed and liquidated damages and not as a penalty, a sum equal to twenty percent (20%) of the net price of such product, as listed on SELLER's order confirmation for such product, because SELLER's actual costs in the event of such cancellation will be impossible to determine.

SERVICE POLICY AND IN-WARRANTY FIELD REPAIR

The following outline of the Service Policy of Heatcraft Refrigeration Products is a complete explanation as to the purpose and administration of the policy.

Field Service Engineers are available for troubleshooting problems related to Heatcraft Refrigeration Products only. All requests for on-site assistance in diagnosing service problems will be scheduled at the discretion of the Service Department and only after previous attempts to diagnose equipment problems through direct communications with the installing or servicing agencies have failed.

A minimum of two (2) weeks advance notice will be required to arrange an on-site inspection of the equipment installation once it has been deemed necessary to dispatch a Field Service Engineer. Prior to the actual scheduling of the trip, a purchase order from the original customer will be requested and must be on file with the Service Department prior to departure of the Field Service Engineer. If the Field Service Engineer's inspection indicates the problem is due to installation, service, misapplication, or any situation that is beyond Heatcraft Refrigeration Products' control, Heatcraft Refrigeration Products will invoice the customer against this purchase order at the rate of \$650.00 per day (with a two (2) day minimum charge) plus all related travel, lodging, sustenance, and incidental expenses. Should the inspection reveal that the problem is due to deficiencies in material or workmanship by Heatcraft Refrigeration Products, all charges will be forfeited.

In the event that a Field Service Engineer is dispatched to a job site, it is mandatory that a representative of the customer and/or contractor be present at all times while the Service Engineer is on-site. Additionally, all actual service work must be performed by a qualified refrigeration service technician equipped with the appropriate tools and test instruments. Advance arrangements should be made between the customer and Heatcraft Refrigeration Products and communicated to all of the appropriate parties. If this condition is not met, it is at Heatcraft Refrigeration Products' discretion as to whether the Field Service Engineer will continue with the job site inspection.

In-Warranty Field Repair

In some cases where Heatcraft Refrigeration Products feels the customer may be better served, on-the-job repair may be authorized at actual cost for appropriate repair. Specific information must be provided to the Service Department including the complete model and serial number of the equipment involved along with the actual start-up date of the equipment and the name of the original customer and a breakdown of estimated costs to repair. When authorization is given by Heatcraft Refrigeration Products personnel, a Field Repair Authorization Number will be issued. This number will reference the estimated costs of repairs plus all pertinent information concerning the equipment. After completion of the repairs, the original service invoice should be sent to Heatcraft Refrigeration Products' Field Sales Representative, along with copies of any additional documentation required. The invoice must be complete, showing Heatcraft Refrigeration Products as the customer, with a brief description of all work performed, an itemized breakdown of labor and material, along with the model and serial number of the equipment. The Field Repair Authorization Number should also be noted.

When warranty coverage for repairs is expected from Heatcraft Refrigeration Products, the repairs should never be performed without prior authorization from the Service Department (except during periods of extenuating circumstances which may preclude prior contact). In those instances when field labor is performed without the Service Department's prior approval, reimbursement may, or may not be allowed. Our normal policy for reimbursement is by credit memo to the original purchaser. Repair or replacement of the product in these instances shall be the sole responsibility of the customer in each case. Repairs to products determined to be beyond the Standard Warranty period will be at the discretion of the customer or end user.

RECAP OF RETURNED GOODS POLICY FOR FIELD DISTRIBUTION

Returned Goods Policy

- **Contact your Sales Representative or the Warranty Claims Department for prior authorization. No product will be accepted for credit without a properly completed authorization tag. The Return Material Authorization (RMA) Number must be marked clearly on the outside of the carton and a copy of the RMA should accompany the returned material.**
- **MANUFACTURED-TO-ORDER (NON-STOCK) UNITS ARE NOT ELIGIBLE FOR RETURN.**
- Goods requested to be returned for restock to Heatcraft Refrigeration Products' inventory must be in a new, unused, and salable condition, in the original cartons, and less than one year from the original invoice date.
- If an item has been field scrapped, no RMA is needed.
- Warranted units and/or parts found to be defective upon Seller's examination will be repaired or replaced. Heatcraft Refrigeration Products will require the following:
 - Complete model and serial number of the unit.
 - Start-up date of unit and failure date of unit.
 - Original invoice or acknowledgment number along with the original equipment purchaser's name.
- If an advance replacement is needed, contact your Customer Service Specialist.
- All returns that are the responsibility of the customer will be subject to a restocking charge as follows:

MINIMUM 20% RESTOCKING CHARGE WITH A MINIMUM \$50.00 CHARGE

- Goods must be returned prepaid (unless authorized otherwise) within 60 days of date on RMA. Failure to return goods within sixty (60) days may result in:
 1. Refusal of materials.
 2. Loss of credit.

Standard Warranty:

Seller warrants to its direct purchasers that Products, including Service Parts, shall be of a merchantable quality, free of defects in material or workmanship, under normal use and service for a period of one (1) year from date of original equipment start-up, or eighteen (18) months from date of shipment by Seller, whichever first occurs. This warranty runs to only the original purchaser of equipment or part. Any Products covered by this warranty found to Seller's satisfaction to be defective upon examination at Seller's factory will at Seller's option, be repaired or replaced and returned to Buyer via lowest common carrier FOB seller's point of shipment. This is buyer's sole and exclusive remedy and, except as provided in the next sentence, seller's sole and exclusive liability in connection with the warranty. Or Seller may at its option grant Buyer a credit for the purchase price of the defective Product. Buyer must prepay all costs for transportation of Products to Seller's factory.

Seller shall have no liability for expenses incurred for repairs made by Buyer except by prior, written authorization. Any claim under this warranty shall be made to Seller in writing within the warranty period specified above – otherwise such claim shall be deemed waived. Seller shall have no warranty obligation whatsoever if its products have been subjected to alteration, misuse, negligence, free chemicals in system, corrosive atmosphere, accident, or if operation is contrary to Seller's or manufacturer's recommendations, or if the serial number has been altered, defaced, or removed.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO ANY WARRANTY OF MERCHANTABILITY OR FITNESS, AND ALL OTHER OBLIGATIONS OR LIABILITIES OF SELLER ARE HEREBY DISCLAIMED.

Additional Warranties:

The Standard Warranty specified above applies to all Products and Service Parts unless modified by the following:

THERMO-FLEX™ OR FLOATING TUBE™ DESIGN COIL

Seller warrants the Thermo-Flex/Floating Tube Design Coil of the "BM", "BH", "CM", "CH", "HM", "HH", "MM", "ML" or "LH" series of Unit Coolers; coil section of the "BLV", "BDVS", "BBV", "JLD", "JDDS", "JBD", "BDT", "BDN", "BDS", "BDB", "BZT", "BZN", "BZS", "BZB", "CDD", "CDDS", "CDT", "CDN", "CDS", "CZT", "CZN", "CZS", "HDD", "HDDS", "HDT", "HDN", "HDS", "HZT", "HZN", "HZS", "LDV", "LDVS", "LDD", "LDDS", "LDT", "LDN", "LDS", "LZT", "LZN", "LZS" condensing units; and coil section of the "BN", "CN", "HN" or "LN" models of Air-cooled Condensers for a period of five (5) years from shipping date, in the event of any documented and verified (by Seller's representative) leaks in the coil tubes containing refrigerant at the point of and caused by tube contact with the end or center coil support sheets.

Seller will also reimburse the replacement cost of lost refrigerant for a period of five years from the date of shipment from leaks specifically caused by the reasons stated above. The replacement cost will be limited to one full system charge. The warranty specifically excludes leaks at header and weld joints, split tubes or leaks caused by failure to operate the product in accordance with published guidelines for operation and installation of equipment. The cost of replacement refrigerant will be limited to Seller's indexed nationwide average of refrigerant cost per pound. The warranty excludes any fines/fees related to refrigerant leaks.

Air-cooled CONDENSERS "BN", "CN", "HN", "LN" or "NRG" Models

Seller warrants Air-cooled Condensers "BN", "CN", "HN", "LN" or "NRG" Models for a period of two (2) years from date of original installation, or 30 months from the date of shipment by Seller, whichever first occurs.

Optional EC Condenser Fan Motors EC Motors

- Seven (7) Blade motor assemblies - for a period of four (4) years from date of original installation, or fifty-four (54) months from date of shipment by Seller, whichever first occurs.
- Five (5) Blade motor assemblies - for a period of three (3) years from date of original installation, or forty-two (42) months from date of shipment by Seller, whichever first occurs.

Unit Cooler EC Fan Motors

Seller warrants EC Motors (made by McMillan) for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

Beacon II™ CONTROL SYSTEMS

Seller warrants the Beacon II™ Control System for a period of three (3) years from the date of original installation, or forty-two (42) months from the date of shipment by Seller, whichever first occurs.

PRO³ PACKAGED REFRIGERATION SYSTEM:

Seller warrants the PRO³ Packaged Refrigeration System for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

HYPERCORE™ Microchannel Coil

Seller warrants the Hypercore™ Microchannel Condenser Coil for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

SMART DEFROST KIT™

Seller warrants the Smart Defrost Kit™ for a period of two (2) years from date of original installation, or thirty (30) months from date of shipment by Seller, whichever first occurs.

MOTOR COMPRESSORS:

Motor compressor replacements or exchanges shall be made through the nearest authorized wholesaler of the motor compressor manufacturer (not at Seller's factory) and no freight shall be allowed for transportation of the motor compressor to and from the wholesaler. The replacement motor compressor shall be identical to the model of the motor compressor being replaced. Additional charges which may be incurred throughout the substitution of other than identical replacements are not covered by this warranty. An optional, non-assignable, three (3) or four (4) year extended compressor warranty may be purchased within the boundaries of the United States of America, its territories and possessions, and Canada. With this extended compressor warranty, replacements are administered by an authorized compressor distributor only. Replacements within the first year of the warranty are available through the distributor; the second through fifth years, the purchaser must submit a proof-of-purchase of a compressor and supply it to Heatcraft Warranty Claims for reimbursement.

THIS WARRANTY SHALL NOT APPLY:

1. Glass is not guaranteed against breakage. If this refrigerator is equipped with a glazing assembly carrying the manufacturer's brand name (Thermopane, Twindow, etc.), the manufacturer's glazing warranty in effect at the time of this shipment is extended to that assembly.
2. BULBS: Light bulbs, fluorescent lamp tubes and LEDs are not covered by any warranty for length of life or for any type of breakage.
3. To the condensing unit used with refrigerated equipment unless same was sold and shipped by Seller
4. When this equipment or any part thereof is damaged by accident, fire, flood, act of God, alteration, abuse, misuse, tampering, when the original model and serial number plate has been altered, defaced, or removed or used other than the recommended application by Seller.
5. When this equipment or any part thereof is subject to operation on low, high or improper voltages. Low and high voltage is defined as more than a 5% drop below or 10% higher than name plate voltage ratings. NOTE: Proper field supply voltage to the equipment is the responsibility of the owner (end user).
6. To damage caused by overloading shelves or wire racks beyond the specified weight limits. The maximum weight limit for Seller's standard shelves and wire racks is 30lbs per square foot.
7. When this equipment or any part thereof is damaged, or when operation is impaired, due to failure to follow installation manual. NOTE: Proper installation is the responsibility of the installer, owner (end user).
8. Operational issues caused by ambient environmental conditions outside of the specified limits. Seller's indoor equipment is specified to operate in a conditioned ambient environment not to exceed 75 degrees Fahrenheit or 55% relative humidity. NOTE: Providing specified ambient environmental conditions are the responsibility of the owner (end user).
9. To equipment with final destinations unknown to seller as indicated on the original sales order.
10. To labor cost for repair or replacement of parts.
11. To special or expedited freight or shipping charges or to customs duties to any country.
12. If the Warranty holder fails to comply with all the provisions, terms and conditions of this Warranty.

Parts replaced under this Warranty are warranted only through the remainder of the original Warranty.

Extended Service Agreements are provided by a third party not affiliated with Seller. The services provided by the third party are subject to the terms and conditions of the Extended Service Agreements and Seller is not responsible for those services or the third party's performance of its obligations.

IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT SELLER SHALL NOT BE LIABLE TO BUYER, OR ANY CUSTOMER OF BUYER, FOR INDIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR PUNITIVE DAMAGES, INCLUDING LOSS OF PROFITS, ADDITIONAL LABOR COSTS, LOSS OF REFRIGERANTS OR FOOD PRODUCT, OR ANY INJURY TO PERSON OR PROPERTY CAUSED BY DEFECTIVE MATERIAL OR PARTS OR FOR ANY DELAY OR MISPERFORMANCE IN THE PERFORMANCE DUE TO CAUSES BEYOND ITS CONTROL OR FOR ANY EXPENSES INCURRED BY REASON OF THE USE OR MISUSE BY BUYER OR THIRD PARTIES OF THE PRODUCTS. SELLER'S MAXIMUM LIABILITY FOR DIRECT DAMAGES IS LIMITED TO THE AMOUNT PAID BY THE BUYER FOR THE PARTICULAR ITEM OF EQUIPMENT OR PART INVOLVED.

NOTE: IN THE CONSTANT EFFORT TO IMPROVE OUR PRODUCTS, WE RESERVE THE RIGHT TO CHANGE AT ANY TIME SPECIFICATIONS, DESIGN, OR PRICES WITHOUT INCURRING OBLIGATION.

Q: What is Heatcraft Refrigeration's standard warranty?

A: All units sold by Heatcraft Refrigeration Products are covered under the standard catalog warranty. The basic terms of the standard catalog warranty is as follows: Products warranted for one year from date of original installation, or eighteen (18) months from date of original shipment, from Heatcraft Refrigeration Products, whichever occurs first.

Replacement parts used on equipment past warranty terms are warranted for 1 year from date of installation

View Catalog Products Warranty section for more detailed information

Q: How do I know if my Heatcraft Refrigeration unit is in warranty?

A: Contact Heatcraft Refrigeration Product's warranty department at (800) 537-7775 with the model and serial number of the equipment that was serviced along with the equipment's original installation date

Q: How do I submit a warranty claim?

A: Warranty claims should be submitted to the original purchaser of your Heatcraft Refrigeration Products equipment. If assistance is needed to identify the equipment's original purchaser you can contact Heatcraft Refrigeration Product's warranty department at (800) 537-7775 with the model and serial number of the equipment that was serviced.

Q: How do I get a warranty claim form?

A: Heatcraft Refrigeration Product currently does not have a warranty claim form. Instead, all warranty claims for Heatcraft equipment are processed through the original purchaser of the equipment serviced.

Q: How do I return material (defective/new and unused)?

A: The original purchaser must receive written permission from Heatcraft Refrigeration Products to return the product. Contact the Heatcraft Field Sales Representative or a Heatcraft Refrigeration Product's warranty representative at (800) 537-7775.

Q: Who do I contact to service my Heatcraft Refrigeration equipment?

A: Heatcraft Refrigeration Products does not have authorized service contractors. A qualified refrigeration service contractor of your choice is permitted to service Heatcraft equipment as needed. All service contractors should contact Heatcraft Refrigeration Products warranty department to confirm warranty status prior to beginning any service related work

Q: How do I get an "in-warranty" replacement part?

A: You can contact Interlink Parts for in-warranty replacements using one of the following:

By phone at (800) 686-7278 between the hours of 7:30 AM to 4:30 PM Central Time or by email at interlinkparts@heatcraftprd.com

Q: How do I locate an authorized Heatcraft Refrigeration wholesaler?

A: You can locate authorized Heatcraft Refrigeration Products parts wholesalers in your area by using one of the following:

By contacting a Heatcraft Refrigeration Products Customer Service Representative at (800) 537-7775 between the hours of 8:00 AM to 5:30 PM Eastern Time or by clicking one of the various wholesaler links found on Heatcraft Refrigeration Products Warranty Webpage

Q: How can I check the status of a warranty claim once submitted?

A: You can contact Heatcraft Refrigeration Product's warranty department at (800) 537-7775. Make sure to have your Heatcraft equipment serial number handy for reference purposes.



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