

Value-Add SystemPro™ condensing units



Install confidence. It's your reputation.

In the fast paced world of retail establishments, servicing refrigeration equipment can be challenging. Customers are demanding, the work environment is less than optimal, and time is at a premium. Emerson Climate Technologies can help with the Value-Add line of SystemPro condensing units.

Keep your customers happy

There are numerous refrigeration applications that utilize fractional horsepower sized condensing units. Reach-in cases, food prep tables, and under-counters are just a few examples. Servicing this equipment can be difficult due to limited space. Using a Value-Add condensing unit with factory installed system protection devices saves on installation time and reduces disruptions to foodservice operations. You win and your customer wins.

Make your business more productive

A labor cost savings solution...a Value-Add condensing unit with factory installed components significantly reduces on-site tube prepping, brazing, supplies and materials. In addition, it diminishes the need for frequent leak inspections since all filter drier and moisture indicator braze joints have been factory tested. Fewer job site problems and fewer call backs. Units with pressure controls have the new Emerson™ Electronic Unit Control (EUC) that allows pressure settings to be set and verified in less than a minute.

Make your business more profitable

Value-Add condensing units reduce installation costs, reduce call backs and cut warranty expense. This translates into increased billing efficiency and a better bottom line. So the next time you replace a fractional horsepower condensing unit ask for the Value-Add SystemPro unit from Emerson Climate Technologies.

Benefits for the foodservice operator

- Less disruption to their business
- Less equipment downtime
- Increased equipment reliability
- No additional cost

Benefits for the contractor

- Lower installation costs
- Fewer job site problems
- Lower warranty expense
- Reduced call backs
- Greater billing efficiency

Selection guide

Factory installed system protection

- Provides higher system reliability
- Provides a solution to working in restricted spaces

These Value-Add models offer factory installed filter driers and moisture indicators so there is no need to purchase these components separately.

To avoid installation issues be sure to select the appropriate condensing unit based on your application requirements and replacement needs.

Refrigerant	H.P.	Model Numer	Electrical	BOM	BTU/H	Overall Dimensions (in.)			Connecting Lines (Sweat)		Compressor Model	Compressor Oil Type	
						L	W	H	Suction	Liquid			
High and Medium Temperature (BTUH @ 90°F Ambient / +25°F Evap)													
R-134a	1/4	M2FH-0026	IAA	072	2080	14.5	12.0	11.4	3/8	1/4	ARE27C3E	POE	
	1/3	M2FH-A033	IAA, IAV	272	2620	14.5	12.0	11.4	3/8	1/4	ARE37C3E		
	1/3	M2FH-H040	IAA	272	2860	17.0	13.4	9.7	3/8	1/4	ARE40C4E		
	1/2	M2FH-H049	CAA	272	3690	16.3	12.9	11.8	3/8	1/4	ARE51C4E		
	1/2	M2FH-A050	IAA	272	4060	16.6	13.8	11.7	3/8	1/4	RRT62C1E		
	1/2	M2FH-A056	IAA, IAV	272	5100	17.8	14.5	11.8	3/8	1/4	RRT64C1E		
R-404A	3/4	M2FH-0074	CFA, CFV	272	6370	17.5	14.4	12.5	3/8	1/4	RRT81C1E		
	1/4	M4FH-0022	IAA	272	1550	13.8	12.0	9.6	3/8	1/4	ASB12C3E		
	1/4	MFFP-H022	IAA	272	1670	14.5	12.7	11.4	3/8	1/4	ASE12C4E		
	1/4	M4FH-0025	IAA	272	2430	14.5	12.0	11.4	3/8	1/4	ASE19C3E		
	1/3	M4FH-A036	IAA, IAV	272	3370	16.3	13.1	11.7	3/8	1/4	ASE24C3E		
	1/2	M4FH-0050	CAA, CAV	272	4380	16.3	13.1	11.7	3/8	1/4	ASE32C3E		
	1/2	M4FF-0056	IAA, IAV	272	5180	17.4	14.4	11.8	5/8	1/4	RST45C1E		
	3/4	M4FF-0075	CAA, CAV	272	6660	24.0	16.9	13.1	5/8	3/8	RST55C1E		
	3/4	M4FF-0080	CAV	072	7640	24.0	16.8	13.1	5/8	3/8	RST64C1E		
	1	FJAF-0108	CFV	072	9230	24.0	17.5	13.0	5/8	3/8	RST80C1E		
	1 1/4	FJAF-0125	CFV	072	9330	24.0	18.3	16.1	5/8	3/8	RST70C1E		
	1 1/4	FJAF-0130	CFV	072	11800	24.0	18.3	16.2	5/8	3/8	RST97C1E		
R-407C	1/4	MFFP-H022	IAA	272	1630	14.5	12.7	11.4	3/8	1/4	ASE12C4E		
	3/8	M4FH-A036	IAA, IAV	272	2760	16.3	13.1	11.7	3/8	1/4	ASE24C3E		
	1/2	M4FH-0050	CAA, CAV	272	3800	16.3	13.1	11.7	3/8	1/4	ASE32C3E		
	1/2	M4FF-0059	IAA, IAV	272	5090	24.0	17.2	13.0	5/8	3/8	RST45C1E		
	3/4	M4FF-0075	CAV	272	6190	24.0	16.9	13.1	5/8	3/8	RST55C1E		
R-22	1/4	MCFH-B027	IAA	272	2680	14.4	12.9	11.4	3/8	1/4	ASE20C4	ABO	
	1/3	MCFH-B036	IAA	272	3400	16.5	13.1	11.7	3/8	1/4	ASE26C4		
	1/2	MCFH-A049	CAA, IAV	272	4120	16.6	13.1	11.7	3/8	1/4	ASE35C4		
	1/2	MCFH-A056	IAA, IAV	272	4460	17.4	14.4	11.8	5/8	1/4	RST40C1		
	3/4	MCFH-0078	CAA, CAV	072	6520	24.0	17.1	13.1	5/8	3/8	RST55C1		
	1	F3AH-B100	CAV	072	7870	24.3	17.2	13.1	5/8	3/8	RST64C1		
R-12	1/4	MBFH-B026	IAA	072	1840	14.4	12.9	11.4	3/8	1/4	ARE29C4		
	1/3	MBFS-A033	IAA	272	2470	14.4	12.9	11.4	3/8	1/4	ARE40C4		
	1/2	MBFH-A049	CAA	272	3350	16.3	13.1	11.7	3/8	1/4	ARE51C4		
	1/2	MBFH-A050	IAA	272	4070	16.6	13.7	11.7	3/8	1/4	RRT62C1		
Low Temperature (BTUH @ 90°F Ambient / -10°F Evap)													
R-404A	1/4	M4FL-H025	IAA	072	876	14.50	12.80	11.40	3/8	1/4	AFE08C4E		POE
	1/3	M4FL-0033	IAA	072	1390	14.42	12.80	11.36	3/8	1/4	AFE11C3E		
	1/3	M4FL-0040	IAA, IAV	272	2040	16.25	13.08	11.67	3/8	1/4	AFE13C3E		
	1/2	M4FL-H051	IAA	272	2150	16.60	13.10	11.90	3/8	1/4	AFE17C4E		
	3/4	M4FL-A067	CAA, CAV	272	3170	17.70	14.50	11.80	1/2	1/4	RFT26C1E		
	1	FJAL-0105	CFV	072	4960	24.00	17.46	13.01	5/8	3/8	RFT42C1E		

Unit features

BOM	Suction Valve	Receiver w/Valve	Fan Guard	Filter Drier	Moisture Indicator	B/X Conduit	UL/UR	EUC
072	•	•	•	•	•	•	UL	•
272	•	•	•	•	•	•	UR	

Electric nomenclature

voltage-phase-hertz

Motor Run Type	115-1-60	208/230-1-60
Capacitor Run (CAA/CFA, CAV/CFV)	CAA/CFA	CAV/CFV
Induction Run (IAA/IAV)	IAA	IAV

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