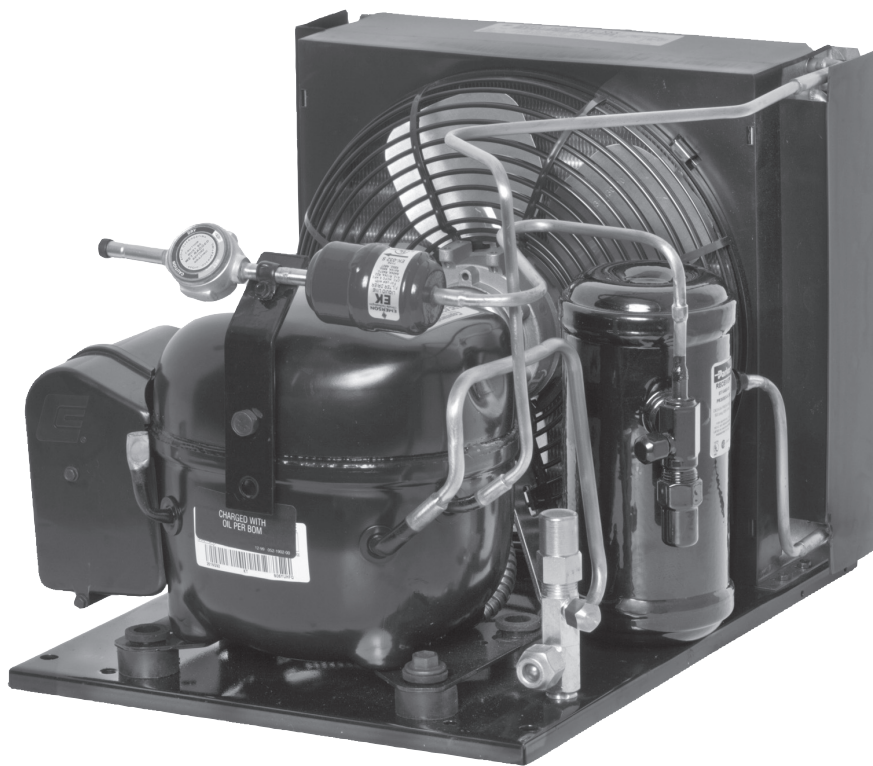


M and F Line

SystemPro™ hermetic air-cooled condensing units



Product Information

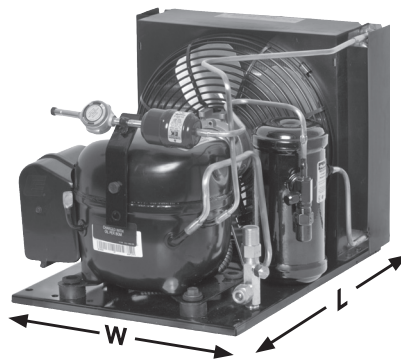
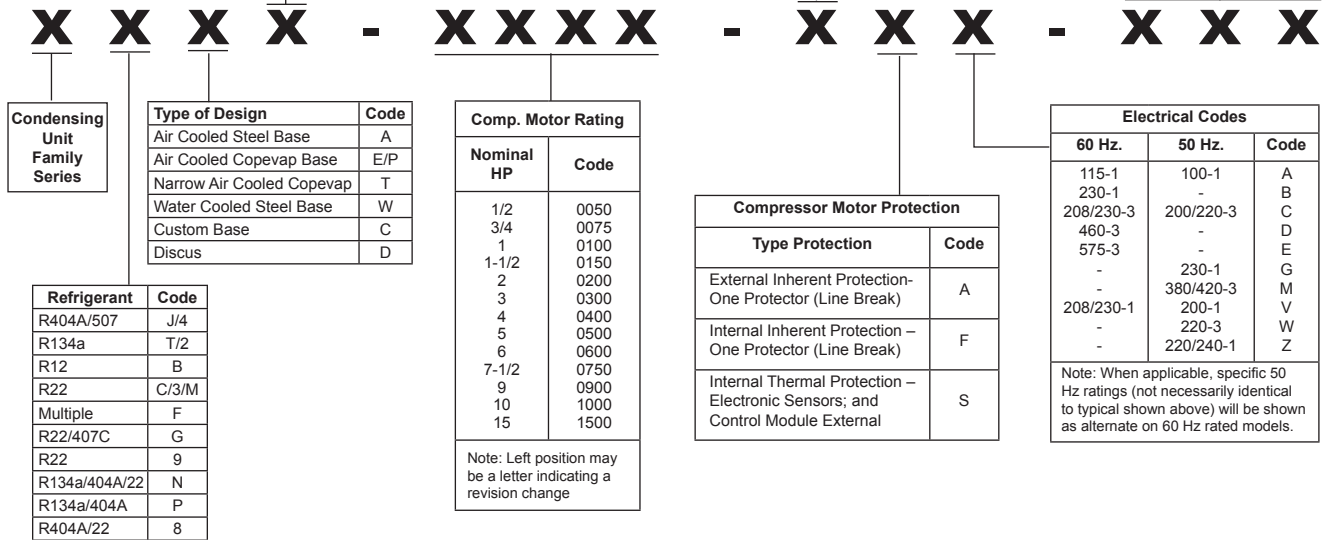
Horsepower:	1/6 – 5
Temperature Applications:	Low/Medium/High
Refrigerants:	R-134a, R-404A, R-22, R-407C
Installation Applications:	A variety of applications including under-counter coolers, food prep tables, reach-in cases, and walk-in boxes

Nomenclature • Welded Condensing Units

Compressor Motor Types		
Phase	Description	Code
1	Capacitor Run - Capacitor Start	C
1	Induction Run - Capacitor Start	I
1	Induction Run - Split Phase	S
1	Capacitor Run - Permanent Split	P
3	Three Phase - General 3 Lead Single Voltage 6 Lead Part Winding 575V 9 Lead Dual Voltage	T
3	Star (Wye) Delta	E
3	6 Lead - Part Winding or Across the Line	F

Temperature Application	Code
High Temperature	H
Medium Temperature	M
Low Temperature	L
Extended Medium Temp.	F
Extra Low Temperature	E
Multiple	S
Multiple	N
Multiple	P

Bill Of Material (BOM)	
001 thru 099	Intended for UL Listing and CUL Certified
100 thru 299	Intended for UL Recognition and CUL Certified
300 thru 399	Not eligible for either UL Listing, UL Recognition or CUL Certified



Unit Features

Flare BOM (Obsolete)	Sweat BOM	Suction Connections		Liquid Connections		Filter Drier	Sight Glass	Electrical Connections		Fan Cycle Control	Fan Guard	UL/UR
		Suction Valve	Suction Accumulator	Base Valve	Receiver w/Valve			Power Cord	BX Conduit			
105, 106	111	•		•				•				UR
109	103	•			•			•				UR
201	212	•			•				•		•	UR*
010	015	•	•		•				•	•	•	UL
001	020	•			•				•		•	UL
	072	•			•	•	•		•		•	UL
	272	•			•	•	•		•		•	UR

*These recognized models are identical to listed models less pressure control. Need for the control is to be evaluated in the end use application.

SystemPro™ hermetic air-cooled condensing units

Features	Benefits
Copeland™ Hermetic Compressor and Heavy Duty Unit Bearing Fan Motor	Reliability
	High Energy Efficiency
	Low Sound & Vibration
Modular Components	Replacement Serviceability
Compact Design	Application Flexibility
All Models Rated Up To 110°F Ambient	

Resources and Support

EmersonClimate.com

- Online Product Information and Technical Data
 - Application Engineering Bulletins
 - Instruction Sheets
 - Marketing Brochures
- Product Selection Tools
 - Walk-In Box Load Calculator
- Software
 - Quick Selection Slide Rule
- Where to Buy

Application Engineering Bulletins

- 4-1273 Factors to Consider in Converting Compressor Rated Capacity to Actual Capacity
- 4-1292 Medium Temperature R-22 Copelaweld Compressors
- 4-1295 HFC-134A Refrigerant Guidelines
- 4-1298 Extended Medium Temperature R-404A/507 Hermetic Compressors and Condensing Units
- 4-1305 “SystemPro” AF, AR, & AS Refrigeration Hermetic 1/8-1 Horsepower Compressors
- 4-1306 Application Guidelines for RF Low Temperature Refrigeration Compressors
- 4-1307 Application Guidelines for CF Refrigeration Compressors and Condensing Units
- 4-1344 Application Guidelines for RFT, RRT, RST Compressors
- 11-1147 Suction Accumulators
- 17-1260 Compressor Overheating
- 17-1268 Compression Ratio as it Affects Compressor Reliability
- 22-1182 Liquid Refrigerant Control in Refrigeration and Air Conditioning Systems

For more information, visit EmersonClimate.com and login to the Customer Portal to view Online Product Information

SystemPro™ air-cooled condensing units

Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 90° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	0	+5	+10	+15	+20
M2FH-0017-SAA, IAA	111	134a	1/6	680	770	870	980	1,100
M2FH-H017-IAA	103, 111	134a	1/6	620	710	810	920	1,040
M2FH-0020-IAA	111	134a	1/5	800	900	1,010	1,130	1,270
M2FH-H020-IAA	111	134a	1/5	780	890	1,010	1,150	1,290
MMFH-0022-IAA	103, 111	22	1/5	930	1,040	1,160	1,280	1,410
MCFH-A022-IAA	103, 111	22	1/5	960	1,080	1,210	1,350	1,500
M4FH-0022-IAA	103, 111, 272	404A	1/5	980	1,080	1,190	1,300	1,420
M4FM-H022-IAA	111,212,272	404A	1/5	1,000	1,120	1,250	1,380	1,520
M2FH-0024-SAA	111	134a	1/4		1,110	1,310	1,470	1,640
M2FH-0026-IAA	072, 111, 103	134a	1/4		1,270	1,530	1,700	1,890
MCFH-B027-IAA	103, 111, 272	22	1/4	1,550	1,750	1,960	2,180	2,430
M4FH-0025-IAA	103, 111, 272	404A	1/4	1,600	1,730	1,890	2,060	2,240
M2FH-A033-IAA, IAV	103, 111, 272	134a	1/3		1,500	1,870	2,110	2,360
MCFH-B036-IAA	103, 111, 272	22	1/3	1,930	2,180	2,450	2,740	3,060
M4FH-A036-IAA, IAV	103, 111, 272	404A	1/3	2,060	2,300	2,550	2,810	3,090
M2FH-H049-CAA	103, 111, 272	134a	1/2	2,150	2,410	2,690	3,000	3,340
MCFH-A049-CAA, IAV	272	22	1/2	2,370	2,680	3,010	3,360	3,730
M2FH-A050-IAA, IAV	103, 212	134a	1/2	2,320	2,640	2,970	3,320	3,680
M4FF-0050-IAA, IAV	212	404A	1/2	2,980	3,330	3,660	3,980	4,320
M4FF-0056-IAA, IAV	103, 212	404A	1/2	3,280	3,680	4,080	4,490	4,910
M2FH-A056-IAA, IAV	103, 272	134a	1/2	2,870	3,250	3,660	4,120	4,600
MCFH-A056-IAA, IAV	272	22	1/2	2,490	2,810	3,170	3,560	3,990
M4FH-0050-CAA, CAV	103, 212, 272	404A	1/2	2,680	2,990	3,320	3,660	4,010
M2FH-0074-CFA, CFV	212, 272	134a	3/4	3,510	4,020	4,560	5,130	5,740
M2FM-0075-CFA, CFV	020	134a	3/4	4,260	4,860	5,440	6,050	6,670
MCFH-0078-CAA, CAV, IAA	072	22	3/4	3,650	4,120	4,640	5,220	5,840
M4FF-0075-CAA, CAV	020, 212, 272	404A	3/4	4,000	4,500	5,010	5,550	6,090
FTAH-A101-CFV, TFC, TFD	020	134a	1	3,490	4,200	4,990	5,860	6,820
F3AH-B100-CAV	072	22	1	4,470	5,020	5,640	6,330	7,070
FJAF-0106-CAV	020	404A	1	5,160	5,780	6,420	7,080	7,780
F3AH-B105-CFV, TAC	020	22	1	5,250	5,920	6,630	7,380	8,190
FTAH-A125-CFV, TFC, TFD	020	134a	1 1/4	4,980	6,020	7,170	8,420	9,770
FJAF-0125-CFV, TAC	020, 072	404A	1 1/4	5,570	6,280	7,000	7,750	8,530
FJAF-0126-CFV, TAC	020	404A	1 1/4	6,380	7,150	7,920	8,740	9,580
FTAH-A150-CFV, TFC, TFD	020	134a	1 1/2	5,940	7,200	8,560	10,000	11,600
FGAH-A151-CFV, TFC, TFD*	020	22	1 1/2	4,320	5,610	6,950	8,350	9,800
FGAH-A151-CFV, TFC, TFD*	020	407C	1 1/2	5,470	6,540	7,630	8,770	9,940
FJAM-A150-CFV, TFC, TFD*	020	404A	1 1/2	6,860	8,000	9,100	10,200	11,400
FTAH-A201-CFV, TFC, TFD	020	134a	2	6,990	8,580	10,300	12,200	14,200
FGAH-A201-CFV, TFC, TFD*	015, 020	22	2	8,550	9,370	10,500	11,900	13,600
FGAH-A201-CFV, TFC, TFD*	015, 020	407C	2	6,940	8,350	9,790	11,300	12,900
FJAM-A200-CFV, TFC*	020	404A	2	8,770	10,200	11,600	13,000	14,500
FJAM-A225-CFV, TFC, TFD*	015, 020	404A	2 1/4	10,400	11,900	13,400	14,900	16,400
FGAH-A225-CFV, TFC, TFD*	015, 020	22	2 1/4	9,280	11,000	12,700	14,400	16,200
FGAH-A225-CFV, TFC, TFD*	015, 020	407C	2 1/4	8,110	9,750	11,400	13,200	15,000
FGAH-A301-CFV, TFC, TFD*	015, 020	22	3	12,500	14,700	17,000	19,400	21,900
FGAH-A301-CFV, TFC, TFD*	015, 020	407C	3	10,100	12,500	14,900	17,400	19,900
FJAM-A300-CFV, TFC, TFD*	020	404A	3	13,100	15,200	17,300	19,500	21,600
FGAH-A325-CFV, TFC, TFD*	015, 020	22	3 1/4	13,300	15,800	18,300	20,900	23,600
FGAH-A325-CFV, TFC, TFD*	015, 020	407C	3 1/4	11,200	13,800	16,400	19,100	21,900
FJAM-A325-CFV, TFC, TFD*	015, 020	404A	3 1/4	14,300	16,400	18,500	20,800	23,300
FGAH-A401-CFV, TFC, TFD*	015, 020	22	4	19,700	22,700	26,000	29,600	33,400
FGAH-A401-CFV, TFC, TFD*	015, 020	407C	4	15,500	19,200	23,000	26,900	30,900
FJAM-B400-CFV, TFC, TFD*	020	404A	4	20,700	23,700	26,900	30,300	33,900
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	22	5	22,500	26,400	30,400	34,500	38,800
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	407C	5	22,500	26,400	30,400	34,500	38,800
FJAM-B500-CFV, TFC*	020	404A	5	23,200	26,800	30,400	34,100	37,700

* All FGAH and FJAM models are transitioning to FFAP. Reference 2011DS-4_FFAP

SystemPro™ air-cooled condensing units

Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 90° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	+25	+30	+35	+40	+45
M2FH-0017-SAA, IAA	111	134a	1/6	1,220	1,360	1,500	1,650	1,800
M2FH-H017-IAA	103, 111	134a	1/6	1,170	1,310	1,460	1,620	1,790
M2FH-0020-IAA	111	134a	1/5	1,410	1,570	1,730	1,900	2,080
M2FH-H020-IAA	111	134a	1/5	1,440	1,610	1,780	1,970	2,180
MMFH-0022-IAA	103, 111	22	1/5	1,540	1,690	1,840	2,010	2,180
MCFH-A022-IAA	103, 111	22	1/5	1,650	1,810	1,980	2,150	2,330
M4FH-0022-IAA	103, 111, 272	404A	1/5	1,550	1,690			
M4FM-H022-IAA	111,212,272	404A	1/5	1,670	1,820			
M2FH-0024-SAA	111	134a	1/4	1,810	2,000	2,190	2,390	2,600
M2FH-0026-IAA	072, 111, 103	134a	1/4	2,080	2,280	2,490	2,710	2,940
MCFH-B027-IAA	103, 111, 272	22	1/4	2,680	2,940	3,220	3,500	3,790
M4FH-0025-IAA	103, 111, 272	404A	1/4	2,430	2,620	2,820	3,030	3,240
M2FH-A033-IAA, IAV	103, 111, 272	134a	1/3	2,620	2,900	3,190	3,500	3,820
MCFH-B036-IAA	103, 111, 272	22	1/3	3,400	3,750	4,130	4,520	4,930
M4FH-A036-IAA, IAV	103, 111, 272	404A	1/3	3,370	3,670	3,990	4,310	4,650
M2FH-H049-CAA	103, 111, 272	134a	1/2	3,690	4,070	4,450	4,850	5,260
MCFH-A049-CAA, IAV	272	22	1/2	4,120	4,530	4,960	5,390	5,840
M2FH-A050-IAA, IAV	103, 212	134a	1/2	4,060	4,470	4,890	5,340	5,810
M4FF-0050-IAA, IAV	212	404A	1/2	4,660				
M4FF-0056-IAA, IAV	103, 212	404A	1/2	5,350				
M2FH-A056-IAA, IAV	103, 272	134a	1/2	5,100	5,630	6,170	6,720	7,280
MCFH-A056-IAA, IAV	272	22	1/2	4,460	4,950	5,470	6,010	6,570
M4FH-0050-CAA, CAV	103, 212, 272	404A	1/2	4,380	4,770	5,180	5,600	6,040
M2FH-0074-CFA, CFV	212, 272	134a	3/4	6,370	7,030	7,720		
M2FM-0075-CFA, CFV	020	134a	3/4	7,300				
MCFH-0078-CAA, CAV, IAA	072	22	3/4	6,520	7,240	7,990	8,770	9,580
M4FF-0075-CAA, CAV	020, 212, 272	404A	3/4	6,660				
FTAH-A101-CFV, TFC, TFD	020	134a	1	7,770	8,780	9,790	10,800	11,800
F3AH-B100-CAV	072	22	1	7,870	8,710	9,580	10,500	11,400
FJAF-0106-CAV	020	404A	1	8,500				
F3AH-B105-CFV, TAC	020	22	1	9,060	9,990	11,000	12,100	13,200
FTAH-A125-CFV, TFC, TFD	020	134a	1 1/4	11,200	12,800	14,400	16,200	18,000
FJAF-0125-CFV, TAC	020, 072	404A	1 1/4	9,330				
FJAF-0126-CFV, TAC	020	404A	1 1/4	10,500				
FTAH-A150-CFV, TFC, TFD	020	134a	1 1/2	13,300	15,100	17,000	19,000	21,100
FGAH-A151-CFV, TFC, TFD*	020	22	1 1/2	11,300	12,900	14,500	16,100	17,800
FGAH-A151-CFV, TFC, TFD*	020	407C	1 1/2	11,200	12,500	13,800	15,200	16,700
FJAM-A150-CFV, TFC, TFD*	020	404A	1 1/2	12,500				
FTAH-A201-CFV, TFC, TFD	020	134a	2	16,400	18,800	21,300	24,000	26,900
FGAH-A201-CFV, TFC, TFD*	015, 020	22	2	15,400	17,300	19,400	21,600	23,700
FGAH-A201-CFV, TFC, TFD*	015, 020	407C	2	14,500	16,200	18,000	19,900	21,900
FJAM-A200-CFV, TFC*	020	404A	2	16,100				
FJAM-A225-CFV, TFC, TFD*	015, 020	404A	2 1/4	17,900				
FGAH-A225-CFV, TFC, TFD*	015, 020	22	2 1/4	18,100	20,000	22,100	24,300	26,600
FGAH-A225-CFV, TFC, TFD*	015, 020	407C	2 1/4	16,800	18,800	20,800	23,000	25,200
FGAH-A301-CFV, TFC, TFD*	015, 020	22	3	24,600	27,300	30,200	33,100	36,100
FGAH-A301-CFV, TFC, TFD*	015, 020	407C	3	22,600	25,400	28,300	31,400	34,700
FJAM-A300-CFV, TFC, TFD*	020	404A	3	23,800				
FGAH-A325-CFV, TFC, TFD*	015, 020	22	3 1/4	26,400	29,400	32,500	35,900	39,400
FGAH-A325-CFV, TFC, TFD*	015, 020	407C	3 1/4	24,800	27,900	31,100	34,400	38,000
FJAM-A325-CFV, TFC, TFD*	015, 020	404A	3 1/4	26,100				
FGAH-A401-CFV, TFC, TFD*	015, 020	22	4	37,500	41,900	46,500	51,400	56,500
FGAH-A401-CFV, TFC, TFD*	015, 020	407C	4	35,200	39,700	44,400	49,500	54,800
FJAM-B400-CFV, TFC, TFD*	020	404A	4	37,800				
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	22	5	43,200	47,800	52,600	57,600	62,800
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	407C	5	43,200	47,800	52,600	57,600	62,800
FJAM-B500-CFV, TFC*	020	404A	5	41,200				

* All FGAH and FJAM models are transitioning to FFAP. Reference 2011DS-4_FFAP

SystemPro™ air-cooled condensing units

Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 100° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	0	+5	+10	+15	+20
M2FH-0017-SAA, IAA	111	134a	1/6	610	700	790	890	1,010
M2FH-H017-IAA	103,111	134a	1/6	560	650	750	850	960
M2FH-0020-IAA	111	134a	1/5	750	830	930	1,040	1,160
M2FH-H020-IAA	111	134a	1/5	720	820	940	1,060	1,200
MMFH-0022-IAA	103, 111	22	1/5		940	1,060	1,180	1,300
MCFH-A022-IAA	103, 111	22	1/5		990	1,110	1,240	1,380
M4FH-0022-IAA	103, 111, 272	404A	1/5	860	960	1,060	1,170	1,280
M4FM-H022-IAA	111, 212, 272	404A	1/5	890	1,000	1,110	1,230	1,350
M2FH-0024-SAA	111	134a	1/4		1,080	1,230	1,390	1,530
M2FH-0026-IAA	072, 111, 103	134a	1/4		1,170	1,400	1,570	1,710
MCFH-B027-IAA	103, 111, 272	22	1/4		1,600	1,800	2,010	2,240
M4FH-0025-IAA	103, 111, 272	404A	1/4	1,460	1,560	1,700	1,870	2,030
M2FH-A033-IAA, IAV	103, 111, 272	134a	1/3		1,350	1,690	1,920	2,150
MCFH-B036-IAA	103, 111, 272	22	1/3		1,990	2,250	2,520	2,820
M4FH-A036-IAA, IAV	103, 111, 272	404A	1/3	1,880	2,100	2,330	2,580	2,840
M2FH-H049-CAA	103, 111, 272	134a	1/2	1,980	2,220	2,490	2,780	3,090
MCFH-A049-CAA, IAV	272	22	1/2		2,440	2,750	3,080	3,420
M2FH-A050-IAA, IAV	103, 212	134a	1/2	2,120	2,410	2,710	3,040	3,370
M4FF-0050-IAA, IAV	212	404A	1/2	2,660	2,970	3,260	3,550	3,850
M4FF-0056-IAA, IAV	103, 212	404A	1/2	2,940	3,310	3,670	4,030	4,410
M2FH-A056-IAA, IAV	103, 272	134a	1/2	2,650	3,010	3,400	3,820	4,260
MCFH-A056-IAA, IAV	272	22	1/2		2,590	2,920	3,290	3,690
M4FH-0050-CAA, CAV	103, 212, 272	404A	1/2	2,310	2,600	2,900	3,220	3,560
M2FH-0074-CFA, CFV	212, 272	134a	3/4		3,660	4,170	4,710	5,280
M2FM-0075-CFA, CFV	020	134a	3/4		4,440	4,990	5,550	6,120
MCFH-0078-CAA, CAV, IAA	072	22	3/4		3,790	4,280	4,810	5,400
M4FF-0075-CAA, CAV	020, 212, 272	404A	3/4	3,540	4,010	4,470	4,960	5,460
FTAH-A101-CFV, TFC, TFD	020	134a	1	2,940	3,590	4,330	5,160	6,060
F3AH-B100-CAV	072	22	1		4,620	5,200	5,840	6,530
FJAF-0106-CAV	020	404A	1	4,650	5,220	5,800	6,410	7,040
F3AH-B105-CFV, TAC	020	22	1		5,520	6,190	6,910	7,670
FTAH-A125-CFV, TFC, TFD	020	134a	1 1/4	4,120	5,120	6,190	7,360	8,620
FJAF-0125-CFV, TAC	020, 072	404A	1 1/4	5,000	5,660	6,320	7,010	7,710
FJAF-0126-CFV, TAC	020	404A	1 1/4	5,680	6,390	7,100	7,850	8,630
FTAH-A150-CFV, TFC, TFD	020	134a	1 1/2	4,890	6,090	7,370	8,760	10,200
FGAH-A151-CFV, TFC, TFD*	020	22	1 1/2	3,010	4,280	5,590	6,970	8,390
FGAH-A151-CFV, TFC, TFD*	020	407C	1 1/2	4,810	5,830	6,860	7,940	9,050
FJAM-A150-CFV, TFC, TFD*	020	404A	1 1/2	5,780	6,820	7,820	8,850	9,890
FTAH-A201-CFV, TFC, TFD	020	134a	2	5,730	7,250	8,880	10,700	12,600
FGAH-A201-CFV, TFC, TFD*	015, 020	22	2		8,530	9,420	10,600	12,100
FGAH-A201-CFV, TFC, TFD*	015, 020	407C	2	6,110	7,450	8,820	10,200	11,700
FJAM-A200-CFV, TFC*	020	404A	2	7,500	8,770	10,100	11,400	12,800
FJAM-A225-CFV, TFC, TFD*	015, 020	404A	2 1/4	9,060	10,400	11,700	13,100	14,500
FGAH-A225-CFV, TFC, TFD*	015, 020	22	2 1/4		9,920	11,500	13,100	14,800
FGAH-A225-CFV, TFC, TFD*	015, 020	407C	2 1/4	7,120	8,680	10,300	11,900	13,600
FGAH-A301-CFV, TFC, TFD*	015, 020	22	3		12,900	15,100	17,400	19,800
FGAH-A301-CFV, TFC, TFD*	015, 020	407C	3	8,360	10,600	12,900	15,200	17,600
FJAM-A300-CFV, TFC, TFD*	020	404A	3	11,200	13,100	15,000	17,000	18,900
FGAH-A325-CFV, TFC, TFD*	015, 020	22	3 1/4		14,100	16,500	19,000	21,500
FGAH-A325-CFV, TFC, TFD*	015, 020	407C	3 1/4	9,160	11,700	14,200	16,700	19,300
FJAM-A325-CFV, TFC, TFD*	015, 020	404A	3 1/4	12,200	14,000	16,000	18,100	20,400
FGAH-A401-CFV, TFC, TFD*	015, 020	22	4		20,600	23,800	27,100	30,800
FGAH-A401-CFV, TFC, TFD*	015, 020	407C	4	12,700	16,300	19,900	23,600	27,500
FJAM-B400-CFV, TFC, TFD*	020	404A	4	18,100	20,800	23,700	26,800	30,000
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	22	5		23,700	27,600	31,600	35,700
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	407C	5		23,700	27,600	31,600	35,700
FJAM-B500-CFV, TFC*	020	404A	5	20,400	23,700	27,000	30,300	33,600

* All FGAH and FJAM models are transitioning to FFAP. Reference 2011DS-4_FFAP

SystemPro™ air-cooled condensing units

Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 100° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	+25	+30	+35	+40	+45
M2FH-0017-SAA, IAA	111	134a	1/6	1,130	1,250	1,390	1,520	1,670
M2FH-H017-IAA	103, 111	134a	1/6	1,080	1,210	1,350	1,500	1,660
M2FH-0020-IAA	111	134a	1/5	1,300	1,450	1,600	1,770	1,940
M2FH-H020-IAA	111	134a	1/5	1,340	1,500	1,670	1,850	2,040
MMFH-0022-IAA	103, 111	22	1/5	1,440	1,590	1,740	1,910	
MCFH-A022-IAA	103, 111	22	1/5	1,530	1,670	1,830	1,980	2,140
M4FH-0022-IAA	103, 111, 272	404A	1/5	1,400	1,540			
M4FM-H022-IAA	111,212,272	404A	1/5	1,480	1,610			
M2FH-0024-SAA	111	134a	1/4	1,710	1,870	2,050	2,230	2,420
M2FH-0026-IAA	072, 111, 103	134a	1/4	1,890	2,080	2,300	2,520	2,710
MCFH-B027-IAA	103, 111, 272	22	1/4	2,470	2,710	2,970	3,220	3,480
M4FH-0025-IAA	103, 111, 272	404A	1/4	2,220	2,400	2,620	2,840	3,030
M2FH-A033-IAA, IAV	103, 111, 272	134a	1/3	2,420	2,670	2,970	3,230	3,490
MCFH-B036-IAA	103, 111, 272	22	1/3	3,130	3,450	3,800	4,160	4,530
M4FH-A036-IAA, IAV	103, 111, 272	404A	1/3	3,100	3,370	3,660	3,960	4,290
M2FH-H049-CAA	103, 111, 272	134a	1/2	3,420	3,760	4,120	4,490	
MCFH-A049-CAA, IAV	272	22	1/2	3,780	4,150	4,540	4,940	5,350
M2FH-A050-IAA, IAV	103, 212	134a	1/2	3,730	4,110	4,510	4,940	5,390
M4FF-0050-IAA, IAV	212	404A	1/2	4,140				
M4FF-0056-IAA, IAV	103, 212	404A	1/2	4,800				
M2FH-A056-IAA, IAV	103, 272	134a	1/2	4,730	5,210	5,700	6,200	6,690
MCFH-A056-IAA, IAV	272	22	1/2	4,120	4,580	5,060	5,570	6,090
M4FH-0050-CAA, CAV	103, 212, 272	404A	1/2	3,910	4,280	4,680	5,080	5,520
M2FH-0074-CFA, CFV	212, 272	134a	3/4	5,870	6,490	7,130		
M2FM-0075-CFA, CFV	020	134a	3/4	6,710				
MCFH-0078-CAA, CAV, IAA	072	22	3/4	6,030	6,700	7,410	8,140	8,900
M4FF-0075-CAA, CAV	020, 212, 272	404A	3/4	5,980				
FTAH-A101-CFV, TFC, TFD	020	134a	1	6,970	7,930	8,900	9,850	10,800
F3AH-B100-CAV	072	22	1	7,270	8,060	8,880	9,730	10,600
FJAF-0106-CAV	020	404A	1	7,700				
F3AH-B105-CFV, TAC	020	22	1	8,470	9,340	10,300	11,200	12,300
FTAH-A125-CFV, TFC, TFD	020	134a	1 1/4	9,970	11,400	12,900	14,600	16,300
FJAF-0125-CFV, TAC	020, 072	404A	1 1/4	8,440				
FJAF-0126-CFV, TAC	020	404A	1 1/4	9,440				
FTAH-A150-CFV, TFC, TFD	020	134a	1 1/2	11,800	13,500	15,200	17,100	19,000
FGAH-A151-CFV, TFC, TFD*	020	22	1 1/2	9,850	11,400	12,900	14,500	16,100
FGAH-A151-CFV, TFC, TFD*	020	407C	1 1/2	10,200	11,400	12,700	14,000	15,400
FJAM-A150-CFV, TFC, TFD*	020	404A	1 1/2	10,900				
FTAH-A201-CFV, TFC, TFD	020	134a	2	14,600	16,800	19,200	21,700	24,300
FGAH-A201-CFV, TFC, TFD*	015, 020	22	2	13,700	15,500	17,500	19,500	21,600
FGAH-A201-CFV, TFC, TFD*	015, 020	407C	2	13,300	14,900	16,600	18,400	20,200
FJAM-A200-CFV, TFC*	020	404A	2	14,200				
FJAM-A225-CFV, TFC, TFD*	015, 020	404A	2 1/4	15,800				
FGAH-A225-CFV, TFC, TFD*	015, 020	22	2 1/4	16,500	18,300	20,100	22,100	24,200
FGAH-A225-CFV, TFC, TFD*	015, 020	407C	2 1/4	15,400	17,200	19,200	21,200	23,300
FGAH-A301-CFV, TFC, TFD*	015, 020	22	3	22,300	24,900	27,600	30,400	33,300
FGAH-A301-CFV, TFC, TFD*	015, 020	407C	3	20,100	22,700	25,500	28,400	31,500
FJAM-A300-CFV, TFC, TFD*	020	404A	3	20,900				
FGAH-A325-CFV, TFC, TFD*	015, 020	22	3 1/4	24,200	26,900	29,800	32,900	36,200
FGAH-A325-CFV, TFC, TFD*	015, 020	407C	3 1/4	22,000	24,900	27,900	31,000	34,400
FJAM-A325-CFV, TFC, TFD*	015, 020	404A	3 1/4	22,900				
FGAH-A401-CFV, TFC, TFD*	015, 020	22	4	34,600	38,700	43,100	47,700	52,500
FGAH-A401-CFV, TFC, TFD*	015, 020	407C	4	31,500	35,700	40,200	44,900	50,000
FJAM-B400-CFV, TFC, TFD*	020	404A	4	33,500				
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	22	5	40,000	44,300	48,900	53,600	58,500
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	407C	5	40,000	44,300	48,900	53,600	58,500
FJAM-B500-CFV, TFC*	020	404A	5	36,700				

* All FGAH and FJAM models are transitioning to FFAP. Reference 2011DS-4_FFAP

SystemPro™ air-cooled condensing units

Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 110° Ambient - Evaporator Temp (°F)						
Model	BOM	Refrig.	H.P.	0	+5	+10	+15	+20
M2FH-0017-SAA	111	134a	1/6	550	630	720	810	920
M2FH-H017-IAA	103, 111	134a	1/6	510	590	680	780	880
M2FH-0020-IAA	111	134a	1/5	690	760	850	950	1,060
M2FH-H020-IAA	111	134a	1/5	660	750	860	980	1,100
MMFH-0022-IAA	103, 111	22	1/5				1,100	1,240
MCFH-A022-IAA	103, 111	22	1/5			1,010	1,130	1,260
M4FH-0022-IAA	103, 111, 272	404A	1/5	760	860	960	1,060	1,180
M4FM-H022-IAA	111, 212, 272	404A	1/5	780	870	970	1,070	1,180
M2FH-0024-SAA	111	134a	1/4			1,140	1,290	1,420
M2FH-0026-IAA	072, 111, 103	134a	1/4			1,330	1,470	1,570
MCFH-B027-IAA	103, 111, 272	22	1/4			1,630	1,830	2,040
M4FH-0025-IAA	103, 111, 272	404A	1/4	1,250	1,390	1,530	1,690	1,840
M2FH-A033-IAA, IAV	103, 111, 272	134a	1/3			1,520	1,740	1,970
MCFH-B036-IAA	103, 111, 272	22	1/3			2,050	2,300	2,570
M4FH-A036-IAA, IAV	103, 111, 272	404A	1/3	1,680	1,890	2,110	2,340	2,590
M2FH-H049-CAA	103, 111, 272	134a	1/2					2,800
MCFH-A049-CAA, IAV	272	22	1/2				2,800	3,110
M2FH-A050-IAA, IAV	103, 212	134a	1/2			2,490	2,790	3,100
M4FF-0050-IAA, IAV	212	404A	1/2	2,320	2,600	2,860	3,110	3,370
M4FF-0056-IAA, IAV	103, 212	404A	1/2	2,590	2,920	3,240	3,560	3,890
M2FH-A056-IAA, IAV	103, 272	134a	1/2			3,100	3,490	3,900
MCFH-A056-IAA, IAV	272	22	1/2			2,670	3,010	3,390
M4FH-0050-CAA, CAV	103, 212, 272	404A	1/2	2,150	2,400	2,660	2,940	3,240
M2FH-0074-CFA, CFV	212, 272	134a	3/4			3,790	4,300	4,830
M2FM-0075-CFA, CFV	020	134a	3/4				5,070	5,600
MCFH-0078-CAA, CAV, IAA	072	22	3/4			3,920	4,420	4,970
M4FF-0075-CAA, CAV	020, 212, 272	404A	3/4	3,120	3,540	3,960	4,400	4,850
FTAH-A101-CFV, TFC, TFD	020	134a	1			3,680	4,450	5,310
F3AH-B100-CAV	072	22	1				5,350	6,000
FJAF-0106-CAV	020	404A	1	4,120	4,640	5,150	5,700	6,270
F3AH-B105-CFV, TAC	020	22	1			5,740	6,420	7,130
FTAH-A125-CFV, TFC, TFD	020	134a	1 1/4	3,260	4,210	5,230	6,330	7,500
FJAF-0125-CFV, TAC	020, 072	404A	1 1/4	4,400	5,000	5,600	6,220	6,860
FJAF-0126-CFV, TAC	020	404A	1 1/4	4,970	5,610	6,250	6,930	7,630
FTAH-A150-CFV, TFC, TFD	020	134a	1 1/2		5,000	6,220	7,520	8,900
FGAH-A151-CFV, TFC, TFD*	020	22	1 1/2		2,900	4,210	5,580	6,980
FGAH-A151-CFV, TFC, TFD*	020	407C	1 1/2		5,110	6,100	7,120	8,170
FJAM-A150-CFV, TFC, TFD*	020	404A	1 1/2	4,680	5,620	6,520	7,450	8,380
FTAH-A201-CFV, TFC, TFD	020	134a	2		5,920	7,480	9,150	10,900
FGAH-A201-CFV, TFC, TFD*	015, 020	22	2			8,510	9,480	10,700
FGAH-A201-CFV, TFC, TFD*	015, 020	407C	2		6,550	7,840	9,190	10,600
FJAM-A200-CFV, TFC*	020	404A	2	6,230	7,380	8,530	9,740	11,000
FJAM-A225-CFV, TFC, TFD*	015, 020	404A	2 1/4	7,730	8,940	10,100	11,300	12,500
FGAH-A225-CFV, TFC, TFD*	015, 020	22	2 1/4			10,300	11,700	13,200
FGAH-A225-CFV, TFC, TFD*	015, 020	407C	2 1/4		7,620	9,120	10,700	12,300
FGAH-A301-CFV, TFC, TFD*	015, 020	22	3			13,300	15,500	17,800
FGAH-A301-CFV, TFC, TFD*	015, 020	407C	3		8,740	10,900	13,100	15,300
FJAM-A300-CFV, TFC, TFD*	020	404A	3	9,410	11,100	12,800	14,500	16,300
FGAH-A325-CFV, TFC, TFD*	015, 020	22	3 1/4			14,800	17,200	19,600
FGAH-A325-CFV, TFC, TFD*	015, 020	407C	3 1/4		9,540	11,900	14,300	16,800
FJAM-A325-CFV, TFC, TFD*	015, 020	404A	3 1/4	10,100	11,800	13,500	15,400	17,500
FGAH-A401-CFV, TFC, TFD*	015, 020	22	4			21,500	24,700	28,200
FGAH-A401-CFV, TFC, TFD*	015, 020	407C	4		13,300	16,800	20,300	23,900
FJAM-B400-CFV, TFC, TFD*	020	404A	4	15,600	18,000	20,500	23,200	26,100
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	22	5			24,600	28,500	32,500
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	407C	5			24,600	28,500	32,500
FJAM-B500-CFV, TFC*	020	404A	5	17,700	20,600	23,600	26,600	29,500

* All FGAH and FJAM models are transitioning to FFAP. Reference 2011DS-4_FFAP

SystemPro™ air-cooled condensing units

Capacity Data

HIGH/MED TEMP		Capacity (BTU/Hr) at 110° Ambient - Evaporator Temp (°F)							
Model	BOM	Refrig.	H.P.	+25	+30	+35	+40	+45	
M2FH-0017-SAA, IAA	111	134a	1/6	1,030	1,150	1,270	1,400	1,530	
M2FH-H017-IAA	103, 111	134a	1/6	990	1,110	1,240	1,370	1,520	
M2FH-0020-IAA	111	134a	1/5	1,180	1,320	1,470	1,630	1,790	
M2FH-H020-IAA	111	134a	1/5	1,240	1,390	1,540	1,710	1,890	
MMFH-0022-IAA	103, 111	22	1/5	1,380					
MCFH-A022-IAA	103, 111	22	1/5	1,390	1,520	1,780	1,950		
M4FH-0022-IAA	103, 111, 272	404A	1/5	1,300	1,440				
M4FM-H022-IAA	111,212,272	404A	1/5	1,290					
M2FH-0024-SAA	111	134a	1/4	1,590	1,740	1,920			
M2FH-0026-IAA	072, 111, 103	134a	1/4	1,740	1,910	2,100			
MCFH-B027-IAA	103, 111, 272	22	1/4	2,250	2,480				
M4FH-0025-IAA	103, 111, 272	404A	1/4	2,020	2,190				
M2FH-A033-IAA, IAV	103, 111, 272	134a	1/3	2,220	2,440	2,720			
MCFH-B036-IAA	103, 111, 272	22	1/3	2,860	3,160	3,470	3,800	4,140	
M4FH-A036-IAA, IAV	103, 111, 272	404A	1/3	2,840	3,100	3,390			
M2FH-H049-CAA	103, 111, 272	134a	1/2	3,110					
MCFH-A049-CAA, IAV	272	22	1/2	3,440	3,780				
M2FH-A050-IAA, IAV	103, 212	134a	1/2	3,440	3,800				
M4FF-0050-IAA, IAV	212	404A	1/2						
M4FF-0056-IAA, IAV	103, 212	404A	1/2	4,230					
M2FH-A056-IAA, IAV	103, 272	134a	1/2	4,320	4,750	5,190			
MCFH-A056-IAA, IAV	272	22	1/2	3,790	4,220	4,670	5,140	5,630	
M4FH-0050-CAA, CAV	103, 212, 272	404A	1/2	3,530	3,850	4,190			
M2FH-0074-CFA, CFV	212, 272	134a	3/4	5,380					
M2FM-0075-CFA, CFV	020	134a	3/4						
MCFH-0078-CAA, CAV, IAA	072	22	3/4	5,550	6,180	6,840	7,530		
M4FF-0075-CAA, CAV	020, 212, 272	404A	3/4	5,310					
FTAH-A101-CFV, TFC, TFD	020	134a	1	6,160	7,080	8,000			
F3AH-B100-CAV	072	22	1	6,690	7,430				
FJAF-0106-CAV	020	404A	1	6,860					
F3AH-B105-CFV, TAC	020	22	1	7,880	8,680	9,540	10,500	11,400	
FTAH-A125-CFV, TFC, TFD	020	134a	1 1/4	8,750	10,100	11,500	13,000	14,500	
FJAF-0125-CFV, TAC	020, 072	404A	1 1/4	7,510					
FJAF-0126-CFV, TAC	020	404A	1 1/4	8,370					
FTAH-A150-CFV, TFC, TFD	020	134a	1 1/2	10,400	11,900	13,500			
FGAH-A151-CFV, TFC, TFD*	020	22	1 1/2	8,420	9,890	11,400	12,900	11,400	
FGAH-A151-CFV, TFC, TFD*	020	407C	1 1/2	9,270	10,400	11,600	12,900	14,200	
FJAM-A150-CFV, TFC, TFD*	020	404A	1 1/2	9,310					
FTAH-A201-CFV, TFC, TFD	020	134a	2	12,800	14,900	17,100	19,400	21,800	
FGAH-A201-CFV, TFC, TFD*	015, 020	22	2	12,200	13,800	15,600	17,500	19,500	
FGAH-A201-CFV, TFC, TFD*	015, 020	407C	2	12,000	13,600	15,200	16,900	18,600	
FJAM-A200-CFV, TFC*	020	404A	2	12,300					
FJAM-A225-CFV, TFC, TFD*	015, 020	404A	2 1/4	13,700					
FGAH-A225-CFV, TFC, TFD*	015, 020	22	2 1/4	14,800	16,400	18,100			
FGAH-A225-CFV, TFC, TFD*	015, 020	407C	2 1/4	14,000	15,700	17,500	19,500	21,500	
FGAH-A301-CFV, TFC, TFD*	015, 020	22	3	20,200	22,700	25,200	27,900		
FGAH-A301-CFV, TFC, TFD*	015, 020	407C	3	17,600	20,100	22,700	25,400	28,300	
FJAM-A300-CFV, TFC, TFD*	020	404A	3	18,000					
FGAH-A325-CFV, TFC, TFD*	015, 020	22	3 1/4	22,000	24,600	27,200			
FGAH-A325-CFV, TFC, TFD*	015, 020	407C	3 1/4	19,300	22,000	24,800	27,700	30,900	
FJAM-A325-CFV, TFC, TFD*	015, 020	404A	3 1/4	19,800					
FGAH-A401-CFV, TFC, TFD*	015, 020	22	4	31,800	35,700	39,800	44,100	48,700	
FGAH-A401-CFV, TFC, TFD*	015, 020	407C	4	27,700	31,600	35,800	40,300	45,100	
FJAM-B400-CFV, TFC, TFD*	020	404A	4	29,300					
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	22	5	36,600	40,800	45,100	49,600	54,200	
FGAH-A501-CFV, TFC, TFD, TFE*	015, 020	407C	5	36,600	40,800	45,100	49,600	54,200	
FJAM-B500-CFV, TFC*	020	404A	5	32,300					

* All FGAH and FJAM models are transitioning to FFAP. Reference 2011DS-4_FFAP

SystemPro™ air-cooled condensing units

Physical/Electrical Data

HIGH/MED TEMP Model	Comp Model	Oil Type	Overall Dimensions (In)			Connecting Lines		Minimum Circuit Ampacity - Max Fuse Size					Pump Down Cap. (lbs)	Ship Wt. (lbs)	
			L	W	H	Suction	Liquid	115-1-60	208/230-1	230-3	460-3	575-3			
M2FH-0017-SAA	ARB13C3E	POE	13.9	11.3	9.7	3/8 S	1/4 S	4.2 - 15					2.1	40	
M2FH-H017-IAA	ARE13C4E	POE	13.6	11.5	9.7	3/8 S	1/4 S	6.0 - 15					2.1	33	
M2FH-0020-IAA	ARB17C3E	POE	13.8	11.3	9.7	3/8 S	1/4 S	5.2 - 15					2.1	35	
M2FH-H020-IAA	ARE17C4E	POE	14.0	11.2	9.7	3/8 S	1/4 S	6.0 - 15					2.1	41	
MMFH-0022-IAA	ARB21C3	AB	13.8	11.3	9.7	3/8 S	1/4 S	6.5 - 15					2.1	36	
MCFH-A022-IAA	ASE12C4	AB	13.9	11.3	9.7	3/8 S	1/4 S	5.9 - 15					1.8	40	
M4FH-0022-IAA	ASB12C3E	POE	13.9	11.3	9.7	3/8 S	1/4 S	7.4 - 15					1.8	36	
M4FM-H022-IAA	ASE12C4E	POE	14.0	11.3	9.7	3/8 S	1/4 S	5.5 - 15					1.8	36	
M2FH-0024-SAA	ARE25C3E	POE	13.9	11.3	9.7	3/8 S	1/4 S	6.3 - 15					N/A	35	
M2FH-0026-IAA	ARE27C3E	POE	13.8	11.5	9.7	3/8 S	1/4 S	6.9 - 15					2.1	39	
MCFH-B027-IAA	ASE20C4	AB	13.9	11.5	9.7	3/8 S	1/4 S	8.2 - 15					2.1	40	
M4FH-0025-IAA	ASE19C3E	POE	13.8	11.8	9.7	3/8 S	1/4 S	10.7 - 15					1.8	40	
M2FH-A033-IAA, IAV	ARE37C3E	POE	13.8	11.3	9.7	3/8 S	1/4 S	9.9 - 15	4.9 - 15				2.1	38	
MCFH-B036-IAA	ASE26C4	AB	16.0	12.8	11.7	3/8 S	1/4 S	10.3 - 15					2.7	50	
M4FH-A036-IAA, IAV	ASE24C3E	POE	16.1	12.7	11.8	3/8 S	1/4 S	8.4 - 15	5.9 - 15				2.3	45	
M2FH-H049-CAA	ARE51C4E	POE	16.2	13.1	11.7	3/8 S	1/4 S	14 - 20					2.7	48	
MCFH-A049-CAA, IAV	ASE35C4	AB	16.3	13.1	11.7	3/8 S	1/4 S	15.9 - 25	8.3 - 15				2.7	75	
M2FH-A050-IAA, IAV	RRT62C1E	POE	16.6	13.8	11.7	3/8 S	1/4 S	12.8 - 20	6.0 - 15				2.7	55	
M4FF-0050-IAA, IAV	RST45C1E	POE	16.1	13.7	11.7	1/2 S	1/4 S	14 - 20	7.2 - 15				2.3	55	
M4FF-0056-IAA, IAV	RST45C1E	POE	17.4	14.4	11.8	5/8 S	1/4 S	14.8 - 20	7.6 - 15				3.1	65	
M2FH-A056-IAA, IAV	RRT64C1E	POE	17.8	14.2	11.8	3/8 S	1/4 S	15.5 - 20	9.0 - 15				2.7	50	
MCFH-A056-IAA, IAV	RST40C1	AB	17.4	14.4	11.8	5/8 S	1/4 S	15.5 - 20	7.3 - 15				3.6	40	
M4FH-0050-CAA, CAV	ASE32C3E	POE	16.2	13.1	11.8	3/8 S	1/4 S	12.3 - 20	6.7 - 15				2.3	51	
M2FH-0074-CFA, CFV	RRT81C1E	POE	17.5	14.4	11.9	5/8 S	1/4 S	18 - 25	9.1 - 15				3.6	72	
M2FM-0075-CFA, CFV	RRT10K1E	POE	24	17.5	13.1	5/8 S	3/8 S	19 - 30	11.2 - 15				7.2	88	
MCFH-0078-IAA, CAV	RST55C1	MIN	24	17.1	13.1	5/8 S	3/8 S	15.1 - 20	9.7 - 15				7.1	87	
M4FF-0075-CAA, CAV	RST55C1E	POE	24	16.9	13.1	5/8 S	3/8 S	20.8 - 30	9.7 - 15				6.2	86	
FTAH-A101-CFV, TFC, TFD	CS10K6E	POE	24	16.8	15.9	5/8 S	3/8 S			14.8 - 20	10.5 - 15	5.2 - 15	7.2	113	
F3AH-B100-CAV	RST64C1	MIN	24.3	17.2	13.1	5/8 S	3/8 S			12.4 - 20			7.1	100	
FJAF-0106-CAV	RST64C1E	POE	24	18.3	16.1	5/8 S	3/8 S	12.7 - 20					6.2	99	
F3AH-B105-CFV, TAC	RST70C1	MIN	24	18.3	16.2	5/8 S	3/8 S			11.0 - 15	7.5 - 15		12.9	100	
FTAH-A125-CFV, TFC, TFD	CS14K6E	POE	24	18.3	16.2	7/8 S	3/8 S			18.4 - 25	14.3 - 20	7.5 - 15	7.2	128	
FJAF-0125-CFV, TAC	RST70C1E	POE	24	18.3	16.1	5/8 S	3/8 S			11.0 - 15	8.3 - 15		11.2	104	
FJAF-0126-CFV, TAC	RST80C1E	POE	24	18.3	16.2	5/8 S	3/8 S			13.0 - 20	8.5 - 15		11.2	107	
FTAH-A150-CFV, TFC, TFD	CS18K6E	POE	24	18.3	16.2	7/8 S	3/8 S			21.4 - 35	15.9 - 20	7.5 - 15	7.2	132	
FGAH-A151-CFV, TFC, TFD*	CR18KQE	POE	24	18.3	16.1	7/8 S	3/8 S			14.2 - 20	10.4 - 15	5.4 - 15	7.1	121	
FGAH-A151-CFV, TFC, TFD*	CR18KQE	POE	24	18.3	16.1	7/8 S	3/8 S			14.2 - 20	10.4 - 15	5.4 - 15	6.8	121	
FJAM-A150-CFV, TFC, TFD*	CS10K6E	POE	24	18.3	16.2	7/8 S	3/8 S			16.5 - 20	12.2 - 15	6.1 - 15	11.2	128	
FTAH-A201-CFV, TFC, TFD	CS20K6E	POE	25.1	34.1	19.1	7/8 S	3/8 S			29.1 - 40	20.0 - 25	9.6 - 15	13.1	199	
FGAH-A201-CFV, TFC, TFD*	CR24KQE	POE	25.2	34	19	7/8 S	3/8 S			19.2 - 30	11.7 - 15	6.1 - 15	12.9	189	
FGAH-A201-CFV, TFC, TFD*	CR24KQE	POE	25.2	34	19	7/8 S	3/8 S			19.2 - 30	11.7 - 15	6.1 - 15	12.3	189	
FJAM-A200-CFV, TFC*	CS12K6E	POE	25.2	31.4	18.9	7/8 S	3/8 S			15.9 - 20	11.7 - 15		11.2	191	
FJAM-A225-CFV, TFC, TFD*	CS14K6E	POE	25.2	34.1	19	7/8 S	3/8 S			17.8 - 25	13.7 - 20	7.4 - 15	11.2	196	
FGAH-A225-CFV, TFC, TFD*	CR28KQE	POE	25.2	34	19	7/8 S	3/8 S			21.1 - 30	13.3 - 15	7.0 - 15	12.9	185	
FGAH-A225-CFV, TFC, TFD*	CR28KQE	POE	25.2	34	19	7/8 S	3/8 S			21.1 - 30	13.3 - 15	7.0 - 15	12.3	185	
FGAH-A301-CFV, TFC, TFD*	CR37KQE	POE	25.5	34	19	7/8 S	3/8 S			28.9 - 40	19.7 - 20	10.2 - 15	12.9	199	
FGAH-A301-CFV, TFC, TFD*	CR37KQE	POE	25.5	34	19	7/8 S	3/8 S			28.9 - 40	19.7 - 20	10.2 - 15	12.3	199	
FJAM-A300-CFV, TFC, TFD*	CS18K6E	POE	25.1	34	18.9	1-1/8 S	3/8 S			25.8 - 35	18.8 - 20	9.1 - 15	11.2	205	
FGAH-A325-CFV, TFC, TFD*	CR41KQE	POE	25.5	34	19	7/8 S	3/8 S			30.1 - 40	22.2 - 25	10.6 - 15	12.9	204	
FGAH-A325-CFV, TFC, TFD*	CR41KQE	POE	25.5	34	19	7/8 S	3/8 S			30.1 - 40	22.2 - 25	10.6 - 15	12.3	204	
FJAM-A325-CFV, TFC, TFD*	CS20K6E	POE	25.5	34	19	1-1/8 S	3/8 S			29.1 - 40	20.1 - 25	9.6 - 15	11.2	205	
FGAH-A401-CFV, TFC, TFD*	CR53KQE	POE	28.6	44.1	26.8	7/8 S	3/8 S			39.9 - 60	26.1 - 40	13.8 - 20	20.7	290	
FGAH-A401-CFV, TFC, TFD*	CR53KQE	POE	28.6	44.1	26.8	7/8 S	3/8 S			39.9 - 60	26.1 - 40	13.8 - 20	19.6	290	
FGAH-B400-CFV, TFC, TFD*	CS27K6E	POE	28.2	44.1	26.8	1-1/8 S	1/2 S			33.5 - 50	23.1 - 35	12.0 - 15	17.9	290	
FGAH-A501-CFV, TFC, TFD, TFE*	CRNQ-050E	POE	28.6	44.1	26.8	1-1/8 RK	1/2 S			46.5 - 70	30.4 - 45	14.4 - 20	11.9 - 15	20.7	294
FGAH-A501-CFV, TFC, TFD, TFE*	CRNQ-050E	POE	28.6	44.1	26.8	1-1/8 RK	1/2 S			46.5 - 70	30.4 - 45	14.4 - 20	11.9 - 15	19.6	294
FJAM-B500-CFV, TFC*	CS33K6E	POE	28.2	44.1	26.8	1-1/8 S	1/2 S			42.0 - 60	27.0 - 40		17.9	292	

F = Flare S = Sweat RK =

* All FGAH and FJAM models are transitioning to FFAP. Reference 2011DS-4_FFAP

SystemPro™ air-cooled condensing units

Capacity Data

LOW TEMP		Capacity (BTU/Hr) at 90° Ambient - Evaporator Temp (°F)							
Model	BOM	Refrig.	H.P.	-25	-20	-15	-10	-5	0
M2FL-0023-IAA	020, 103, 111	134a	1/4	360	450	550	650	760	870
M2FL-H023-IAA	111	134a	1/4	450	540	640	740	850	970
M4FL-0025-IAA	020, 103	404A	1/4	582	672	769	872	980	1,090
M4FL-H025-IAA	020, 072	404A	1/4	624	702	786	876	971	1,060
M2FL-A025-IAA	020, 103, 111	134a	1/4	720	820	940	1,070	1,210	1,370
M2FL-B033-IAA	020, 103, 111	134a	1/3	850	960	1,090	1,240	1,410	1,590
M4FL-0033-IAA	020, 072, 103, 111	404A	1/3	860	1,040	1,210	1,390	1,570	1,750
M2FL-H040-IAA	103, 111, 212	134a	1/3	990	1,140	1,320	1,530	1,750	1,980
M4FL-0040-IAA, IAV	103, 212, 272	404A	1/3	1,320	1,550	1,790	2,040	2,300	2,560
M2FL-0050-CFA	111, 212	134a	1/2	1,390	1,720	2,050	2,390	2,740	3,080
M4FL-H051-IAA	103, 212, 272	404A	1/2	1,480	1,690	1,910	2,150	2,410	2,670
M4FL-A067-CAA, CAV	212, 272	404A	3/4	2,120	2,450	2,800	3,170	3,560	3,960
FJAF-A075-CAA, CAV, IAV	020, 212	404A	3/4	2,110	2,560	3,020	3,490	3,980	4,440
FJAF-0108-CFV	020, 072, 212	404A	1	3,110	3,610	4,130	4,690	5,280	5,870
FJAL-A103-CFV, TFC	020	404A	1	2,950	3,570	4,230	4,950	5,710	6,500
FJAL-B200-CFV, TFC, TFD	020	404A	2	5,040	6,060	7,130	8,260	9,410	10,500
FJAL-A225-CFV, TFC, TFD	020	404A	2-1/4	5,380	6,510	7,730	9,010	10,300	11,600
FJAL-B301-CFV, TFC, TFD	015, 020	404A	3	7,830	9,470	11,200	13,100	15,000	16,900
FJAL-A390-CFV, TFC, TFD	015	404A	4	10,400	12,200	14,000	16,000	18,000	20,000

LOW TEMP		Capacity (BTU/Hr) at 100° Ambient - Evaporator Temp (°F)							
Model	BOM	Refrig.	H.P.	-25	-20	-15	-10	-5	0
M2FL-0023-IAA	020, 103, 111	134a	1/4	280	360	450	550	650	770
M2FL-H023-IAA	111	134a	1/4	400	480	570	660	770	890
M4FL-0025-IAA	020, 103	404A	1/4	525	607	694	786	883	975
M4FL-H025-IAA	020, 072	404A	1/4	549	621	699	783	870	955
M2FL-A025-IAA	020, 103, 111	134a	1/4	670	760	870	1,000	1,130	1,280
M2FL-B033-IAA	020, 103, 111	134a	1/3	770	880	1,000	1,150	1,300	1,480
M4FL-0033-IAA	020, 072, 103, 111	404A	1/3	690	850	1,010	1,180	1,360	1,530
M2FL-H040-IAA	103, 111, 212	134a	1/3	910	1,050	1,220	1,410	1,610	1,830
M4FL-0040-IAA, IAV	103, 212, 272	404A	1/3	1,100	1,310	1,530	1,770	2,010	2,240
M2FL-0050-CFA	111, 212	134a	1/2		1,470	1,800	2,130	2,460	2,800
M4FL-H051-IAA	103, 212, 272	404A	1/2	1,330	1,520	1,720	1,940	2,170	2,410
M4FL-A067-CAA, CAV	212, 272	404A	3/4	1,860	2,160	2,480	2,820	3,180	3,530
FJAF-A075-CAA, CAV, IAV	020, 212	404A	3/4	1,770	2,200	2,620	3,060	3,500	3,920
FJAF-0108-CFV	020, 072, 212	404A	1	2,720	3,160	3,630	4,140	4,670	5,200
FJAL-A103-CFV, TFC	020	404A	1	2,430	2,970	3,550	4,180	4,850	5,540
FJAL-B200-CFV, TFC, TFD	020	404A	2	4,250	5,170	6,140	7,160	8,210	9,170
FJAL-A225-CFV, TFC, TFD	020	404A	2-1/4	4,540	5,560	6,670	7,840	9,060	10,200
FJAL-B301-CFV, TFC, TFD	015, 020	404A	3	6,700	8,170	9,750	11,400	13,200	14,900
FJAL-A390-CFV, TFC, TFD	015	404A	4	8,890	10,500	12,200	14,000	15,800	17,600

LOW TEMP		Capacity (BTU/Hr) at 110° Ambient - Evaporator Temp (°F)							
Model	BOM	Refrig.	H.P.	-25	-20	-15	-10	-5	0
M2FL-0023-IAA	020, 103, 111	134a	1/4	210	280	370	460	560	660
M2FL-H023-IAA	111	134a	1/4	340	420	500	590	690	790
M4FL-0025-IAA	020, 103	404A	1/4		530	607	688	773	850
M4FL-H025-IAA	020, 072	404A	1/4		520	596	676	762	841
M2FL-A025-IAA	020, 103, 111	134a	1/4		700	800	920	1,050	1,190
M2FL-B033-IAA	020, 103, 111	134a	1/3		800	920	1,050	1,200	1,360
M4FL-0033-IAA	020, 072, 103, 111	404A	1/3	520	670	830	990	1,160	1,320
M2FL-H040-IAA	103, 111, 212	134a	1/3		960	1,110	1,280	1,470	1,660
M4FL-0040-IAA, IAV	103, 212, 272	404A	1/3	850	1,060	1,280	1,500	1,740	1,970
M2FL-0050-CFA	111, 212	134a	1/2					2,190	2,530
M4FL-H051-IAA	103, 212, 272	404A	1/2		1,350	1,530	1,730	1,940	2,150
M4FL-A067-CAA, CAV	212, 272	404A	3/4	1,610	1,880	2,160	2,470	2,790	3,110
FJAF-A075-CAA, CAV, IAV	020, 212	404A	3/4		1,840	2,230	2,630	3,020	3,400
FJAF-0108-CFV	020, 072, 212	404A	1		2,750	3,160	3,600	4,070	4,540
FJAL-A103-CFV, TFC	020	404A	1	1,920	2,370	2,850	3,380	3,950	4,540
FJAL-B200-CFV, TFC, TFD	020	404A	2	3,520	4,310	5,160	6,060	6,990	7,840
FJAL-A225-CFV, TFC, TFD	020	404A	2-1/4	3,760	4,660	5,640	6,680	7,770	8,840
FJAL-B301-CFV, TFC, TFD	015, 020	404A	3	5,620	6,910	8,310	9,820	11,400	12,900
FJAL-A390-CFV, TFC, TFD	015	404A	4	7,400	8,910	10,400	12,000	13,700	15,300

Capacities are at 60 Hertz with 5°F subcooling
 LT models are rated at 40°F return gas temperature
 NOTE: See appendix for Flex-Line hood information
 2011DS-4_M&F R2 (10/12)

SystemPro™ air-cooled condensing units

Physical/Electrical Data

LOW TEMP Model	Comp Model	Oil Type	Overall Dimensions (In)			Connecting Lines		Minimum Circuit Ampacity - Max Fuse Size				Pump Down Cap. (lbs)	Ship Wt. (lbs)
			L	W	H	Suction	Liquid	115-1-60	208/230-1	230-3	460-3		
M2FL-0023-IAA	AFB05C3E	POE	13.8	11.8	9.7	3/8 S	1/4 S	4.2 - 15				2.1	38
M2FL-H023-IAA	AFE05C4E	POE	13.9	11.3	9.7	3/8 S	1/4 S	5.4 - 15				N/A	38
M4FL-0025-IAA	AFB05C3E	POE	13.9	11.8	9.6	3/8 S	1/4 S	6.7 - 15				1.8	33
M4FL-H025-IAA	AFE08C4E	POE	14	11.8	9.6	3/8 S	1/4 S	5.6 - 15				1.8	37
M2FL-A025-IAA	AFE10C3E	POE	13.8	11.7	9.6	3/8 S	1/4 S	6.9 - 15				2.1	41
M2FL-B033-IAA	AFE12C3E	POE	13.9	11.8	9.7	3/8 S	1/4 S	6.7 - 15				2.1	40
M4FL-0033-IAA	AFE11C3E	POE	13.8	11.8	9.7	3/8 S	1/4 S	7.7 - 15				1.8	39
M2FL-H040-IAA	AFE12C4E	POE	16.6	12.4	9.6	3/8 S	1/4 S	9.0 - 15				2.1	52
M4FL-0040-IAA, IAV	AFE13C3E	POE	16.1	12.7	11.8	3/8 S	1/4 S	8.9 - 15	4.6 - 15			2.3	46
M2FL-0050-CFA	RFT18C1E	POE	16.1	12.7	12.5	1/2 S	1/4 S	13 - 20				2.7	63
M4FL-H051-IAA	AFE17C4E	POE	17.4	12.9	11.9	3/8 S	1/4 S	11.5 - 15				2.3	51
M4FL-A067-CAA, CAV	RFT26C1E	POE	17.8	14.5	11.8	1/2 S	1/4 S	15.1 - 20	9.0 - 15			2.3	45
FJAF-A075-CAA, CAV, IAV	RS64C2E	POE	24	16.1	13.1	5/8 S	3/8 S	21 - 30	10.8 - 15	12.7 - 20		4.1	89
FJAF-0108-CFV	RST80C1E	POE	24	17.3	13	5/8 S	3/8 S		12.8 - 20			6.2	91
FJAL-A103-CFV, TFC	CF04K6E	POE	24	17.2	15	7/8 S	3/8 S		13.2 - 20	9.2 - 15		6.2	125
FJAL-B200-CFV, TFC, TFD	CF06K6E	POE	24.1	18.3	16.2	7/8 S	3/8 S		17.2 - 25	11.7 - 15	6.2 - 15	6.2	138
FJAL-A225-CFV, TFC, TFD	CF06K6E	POE	25.2	34	19	7/8 S	3/8 S		16.6 - 25	11.1 - 15	6.1 - 15	11.2	197
FJAL-B301-CFV, TFC, TFD	CF09K6E	POE	25.2	34	19	7/8 S	3/8 S		26.7 - 35	18.6 - 20	10.1 - 15	11.2	225
FJAL-A390-CFV, TFC, TFD	CF12K6E	POE	25.2	34	19	7/8 S	3/8 S		31.4 - 45	21.2 - 25	11.5 - 15	11.2	226

F = Flare S = Sweat

Unit Features

Flare BOM (Obsolete)	Sweat BOM	Suction Connections		Liquid Connections		Filter Drier	Sight Glass	Electrical Connections		Fan Cycle Control	Fan Guard	UL/UR
		Suction Valve	Suction Accumulator	Base Valve	Receiver s/Valve			Power Cord	BX Conduit			
105, 106	111	•		•				•				UR
109	103	•			•			•				UR
201	212	•			•				•		•	UR*
010	015	•	•		•				•	•	•	UL
001	020	•			•				•		•	UL
	072	•			•	•	•		•		•	UL
	272	•			•	•	•		•		•	UR

*These recognized models are identical to listed models less pressure control. Need for the control is to be evaluated in the end use application.

Control Data*

Horsepower	Voltage	Bill of Material	Crankcase Heater	Low Pressure Control	High/Low Pressure Control	Contactors	115 Volt Control Circuit Transformer
1/6 - 1/2	All	All	No	No	No	No	No
3/4	115 or 208/230 (1Ph)	-212	No	No	No	No	No
3/4	115 or 208/230 (1Ph)	-020	No	Yes	No	No	No
1	115 or 208/230 (1Ph)	-020	Yes ¹	Yes	As Required	No	No
1	208/230 (3Ph)	-020	Yes ¹		Yes	Yes	No
1-1/4 - 1-1/2	208/230 (1Ph)	All	No ²		Yes	No	No
1-1/4 - 1-1/2	208/230 (3Ph)	All	No ²		Yes	Yes	No
2 - 5	208/230 (1Ph)	All	Yes		Yes	Yes	No
2 - 5	208/230 (3Ph)	All	Yes		Yes	Yes	No
1 - 5	460 (3Ph)	All	Yes ¹		Yes	Yes	Yes

* This data applies to units listed in this brochure only.

¹ Except units using R compressor

² Except units using CS or CF compressor

Hood Specification Data

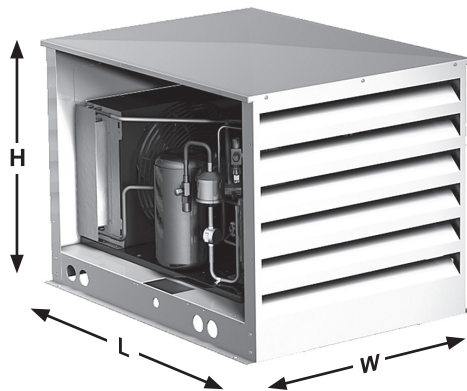
Emerson Part #	Mfg. Part #	External Dimensions (in.)			Internal Dimensions (in.)			Unit Size*
		L	W	H	L	W	H	
505-7066-00	N/A	24.3	20.2	18.7	22.5	18.4	15.0	1/2 Hp to 3/4 Hp
505-7066-01	N/A	30.3	23.5	22.7	28.5	22.2	19	3/4 Hp to 2 Hp
505-7066-02	N/A	32.3	38.3	22.7	30.6	37.1	24.0	2 Hp to 3 Hp
505-7066-03	N/A	35.3	48	34.7	33.6	46.2	30.7	4 Hp to 6 Hp
005-0882-03	CHO-13	35.5	24.0	25.0	34.5	24.0	21.0	
005-0882-05	CHO-16	46.5	38.0	38.0	45.5	38.0	33.0	
005-0882-06	CHO-17	42.5	74.0	48.5	41.5	74.0	40.5	

UL Listed for outdoor use * Specific model to hood cross reference should be used.

SystemPro™ air-cooled condensing units

Hood Selection

Copeland™ Model	Dimensions (in.)			Hood	Flex-Line Hood
	L	W	H		
SystemPro Air-Cooled					
M2FH-0017	13.9	11.3	9.7	005-0882-00/-09	505-7066-00
M2FH-H017	13.6	11.5	9.7	005-0882-00/-09	505-7066-00
M2FH-0020	13.8	11.3	9.7	005-0882-00/-09	505-7066-00
M2FH-H020	14.0	11.2	9.7	005-0882-00/-09	505-7066-00
MMFH-0022	13.8	11.3	9.7	005-0882-00/-09	505-7066-00
MCFH-A022	13.9	11.3	9.7	005-0882-00/-09	505-7066-00
M4FH-0022	13.9	11.3	9.7	005-0882-00/-09	505-7066-00
M4FM-H022	14.0	11.3	9.7	005-0882-00/-09	505-7066-00
M2FH-0024	13.9	11.3	9.7	005-0882-00/-09	505-7066-00
M2FH-0026	13.8	11.5	9.7	005-0882-00/-09	505-7066-00
MCFH-B027	13.9	11.5	9.7	005-0882-00/-09	505-7066-00
M4FH-0025	13.8	11.8	9.7	005-0882-00/-09	505-7066-00
M2FH-A033	13.8	11.3	9.7	005-0882-00/-09	505-7066-00
MCFH-B036	16.0	12.8	11.7	005-0882-00/-09	505-7066-00
M4FH-A036	16.1	12.7	11.8	005-0882-00/-09	505-7066-00
M2FH-H049	16.2	12.7	11.7	005-0882-00/-09	505-7066-00
MCFH-A049	16.3	13.1	11.7	005-0882-00/-09	505-7066-00
M2FH-A050	16.5	13.8	11.7	005-0882-00/-09	505-7066-00
M4FF-0050	16.1	13.7	11.7	005-0882-00/-09	505-7066-00
M4FF-0056	17.4	14.4	11.8	005-0882-00/-09	505-7066-00
M2FH-A056	17.8	14.2	11.8	005-0882-00/-09	505-7066-00
MCFH-A056	17.4	14.4	11.8	005-0882-00/-09	505-7066-00
M4FH-0050	16.2	13.1	11.8	005-0882-00/-09	505-7066-00
M2FH-0074	17.5	14.4	11.9	005-0882-00/-09	505-7066-00
M2FM-0075	24.0	17.5	13.1	005-0882-00/-09	505-7066-00
MCFH-0078	24.0	17.1	13.0	005-0882-00/-09	505-7066-01
M4FF-0075	24.0	16.9	13.1	005-0882-00/-09	505-7066-01
M2FL-0023	13.8	11.8	9.7	005-0882-00/-09	505-7066-00
M2FL-H023	13.9	11.3	9.7	005-0882-00/-09	505-7066-00
M4FL-0025	13.8	11.8	9.7	005-0882-00/-09	505-7066-00
M4FL-H025	14.0	11.8	9.6	005-0882-00/-09	505-7066-00
M2FL-A025	13.8	11.7	9.6	005-0882-00/-09	505-7066-00
M2FL-B033	13.9	11.8	9.7	005-0882-00/-09	505-7066-00
M4FL-0033	13.8	11.8	9.7	005-0882-00/-09	505-7066-00
M2FL-H040	16.6	12.4	9.6	005-0882-00/-09	505-7066-00



NOTE: See appendix for Flex-Line hood information
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SystemPro™ air-cooled condensing units

Hood Selection

Copeland™ Model	Dimensions (in.)			Hood	Flex-Line Hood
	L	W	H		
SystemPro Air-Cooled					
M4FL-0040	16.1	12.7	11.8	005-0882-00/-09	505-7066-00
M2FL-0050	16.1	12.7	12.5	005-0882-00/-09	505-7066-00
M4FL-H051	17.4	12.9	11.9	005-0882-00/-09	505-7066-00
M4FL-A067	17.8	14.5	11.8	005-0882-00/-09	505-7066-00
FTAH-A101	24.0	16.8	15.9	005-0882-00/-09	505-7066-01
F3AH-B100	24.3	17.2	13.1	005-0882-00/-09	505-7066-01
FJAF-0106	24.0	18.3	16.1	005-0882-00/-09	505-7066-01
F3AH-B105	24.0	18.3	16.1	005-0882-00/-09	505-7066-01
FTAH-A125	24.0	18.3	16.2	005-0882-00/-09	505-7066-01
FJAF-0125	24.0	18.3	16.1	005-0882-00/-09	505-7066-01
FJAF-0126	24.0	18.3	16.1	005-0882-00/-09	505-7066-01
FTAH-A150	24.0	18.3	16.2	005-0882-02/-10	505-7066-01
FGAH-A151	24.0	18.3	16.1	005-0882-02/-10	505-7066-01
FJAM-A150	24.0	18.3	16.2	005-0882-02/-10	505-7066-01
FTAH-A201	25.1	34.1	19.1	005-0882-01/-11	505-7066-02
FGAH-A201	25.2	34.0	19.0	005-0882-01/-11	505-7066-02
FJAM-A200	25.2	31.4	18.9	005-0882-01/-11	505-7066-02
FJAM-A225	25.2	34.1	19.0	005-0882-01/-11	505-7066-02
FGAH-A225	25.2	34.0	19.0	005-0882-01/-11	505-7066-02
FGAH-A301	25.5	34.0	19.0	005-0882-01/-11	505-7066-02
FJAM-A300	25.1	34.0	18.9	005-0882-01/-11	505-7066-02
FGAH-A325	25.5	34.0	19.0	005-0882-01/ 11	505-7066-02
FJAM-A325	25.2	34.0	19.0	005-0882-01/-11	505-7066-02
FGAH-A401	28.6	44.1	26.8	005-0882-04	505-7066-03
FJAM-B400	28.2	44.1	26.8	005-0882-04	505-7066-03
FGAH-A501	28.6	44.1	26.8	005-0882-04	505-7066-03
FJAM-B500	28.2	44.1	26.8	005-0882-04	505-7066-03
FJAF-A075	24.0	16.1	13.1	005-0882-00/-09	505-7066-00
FJAF-0108	24.0	17.3	13.0	005-0882-00/-09	505-7066-01
FJAL-A103	24.0	17.2	15.0	005-0882-00/-09	505-7066-01
FJAL-B200	24.1	18.3	16.2	005-0882-02/-10	505-7066-01
FJAL-A225	25.2	34.0	19.0	005-0882-01/-11	505-7066-02
FJAL-B301	25.2	34.0	19.0	005-0882-01/-11	505-7066-02
FJAL-A390	25.2	34.0	19.0	005-0882-01/-11	505-7066-02

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