

COPELAND BRAND PRODUCTS

SystemPro Air-Cooled Condensing Units



Selection of a Condensing Unit

Determine:

1. Model 2. Voltage 3. Bill of Materials (BOM)

Example:

1. M4FH-0025 2. -IAA 3. -201 Complete Model No. = 1+2+3 = M4FH-0025-IAA-201

Electric Nomenclature

Voltage-Phase-Hertz			
115-1-60	208/230-1-60	208/230-3-60	460 -3-60
CAA/CFA	CAV/CFV	TFC	TFD
1AA	IAV		
SAA			

SAA indicates low torque start, all other designations are high torque. These electrical designations are part of the unit model number.

Unit Features

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	X		X				X				UR
106	X						X				UR
109	X			X			X				UR
201	X			X				X		X	UR
001	X			X				X		X	UL
010	X	X		X				X	X	X	UL
015	X	X		X				X	X	X	UL
020	X			X				X		X	UL
072	X			X	X	X		X		X	UL
272	X			X	X	X		X		X	UR

Control Data

Horsepower	Voltage	Bill or Material	Crankcase Heater	Low Pressure Control	High/Low Pressure Control	Contactor	115 Volt Control Circuit Transformer
116 to 1/2	All	All	No	No	No	No	No
3/4	115 or 208/230 (1 Ph)	-201	No	No	No	No	No
3/4	115 or 208/230 (1 Ph)	-001	No	Yes	No	No	No
1	115 or 208/230 (1 Ph)	-001	Yes ¹	Yes	As Required	No	No
1	208/230 (3 Ph)	-001	Yes ¹		Yes	Yes	No
1-1/4 to 1-1/2	208/230 (1 Ph)	All	No ²		Yes	No	No
1-1/4 to 1-1/2	208/230 (3 Ph)	All	No ²		Yes	Yes	No
2 to 5	208/230 (1 Ph)	All	Yes		Yes	Yes	No
2 to 5	208/230 (3 Ph)	All	Yes		Yes	Yes	No
1 to 5	460 (3Ph)	All	Yes ¹		Yes	Yes	Yes

¹Except units using 'R' Compressor

²Except units using 'CS' or 'CF' Compressor

COPELAND BRAND PRODUCTS



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High/Medium Temperature

Physical/Electrical Data



Mfg Part No	Refrig.	HP	Voltage (60 Hz)	Connecting Lines		MCA	Overall Dimensions (LxWxH)	Ship. Wt. (lbs.)
				Suction	Liquid			
M2FH-0017-SAA-106	R-134a	1/6	115V, 1 Ph.	3/8"F	1/4"F	4.2A	13.8" x 11.8" x 9.7"	33
MMFH-0022-IAA-106	R-22	1/5	115V, 1 Ph.	3/8"F	1/4"F	6.4A	13.8" x 11.8" x 9.7"	36
MCFH-0027-IAA-109	R-22	1/4	115V, 1 Ph.	3/8"F	1/4"F	9.0A	13.8" x 11.8" x 9.7"	42
M2FH-0026-IAA-201	R-134a	1/4	115V, 1 Ph.	3/8"F	1/4"F	6.9A	13.8" x 11.8" x 9.7"	41
MCFH-0036-IAA-109	R-22	1/3	115V, 1 Ph.	3/8"F	1/4"F	9.8A	16.2" x 13.1" x 11.8"	45
M2FH-A033-IAA-201	R-134a	1/3	115V, 1 Ph.	3/8"F	1/4"F	9.9A	13.8" x 11.8" x 9.7"	46
FJAF-A056-IAA-201	R-404A	1/2	115V, 1 Ph.	5/8"F	1/4"F	14.3A	17.5" x 14.3" x 12"	77
FJAF-A056-IAV-201	R-404A	1/2	208/230V, 1 Ph.	5/8"F	1/4"F	8.1A	17.5" x 14.3" x 12"	77
MCFH-0049-CAV-201	R-22	1/2	208/230V, 1 Ph.	3/8"F	1/4"F	5.6A	16.2" x 13.1" x 11.8"	54
MCFH-0056-IAA-201	R-22	1/2	115V, 1 Ph.	3/8"F	1/4"F	18A	17.4" x 14.4" x 11.8"	65
MCFH-0056-IAV-201	R-22	1/2	208/230V, 1 Ph.	3/8"F	1/4"F	6.7A	17.4" x 14.4" x 11.8"	65
M2FH-0049-IAA-201	R-134a	1/2	115V, 1 Ph.	3/8"F	1/4"F	12.5A	16.2" x 13.1" x 11.8"	50
M2FH-0056-IAA-201	R-134a	1/2	115V, 1 Ph.	3/8"F	1/4"F	15.5A	17.4" x 14.4" x 11.8"	60
M2FH-0056-IAV-201	R-134a	1/2	208/230V, 1 Ph.	3/8"F	1/4"F	8.8A	17.4" x 14.4" x 11.8"	60
M4FH-0050-CAA-201	R-404A	1/2	115V, 1 Ph.	1/2"F	1/4"F	12.3A	16.2" x 13.1" x 11.8"	50
FJAF-B078-CAA-001	R-404A	3/4	115V, 1 Ph.	5/8"F	3/8"F	18.5A	24" x 16.9" x 13.1"	96
FJAF-B078-CAV-001	R-404A	3/4	208/230V, 1 Ph.	5/8"F	3/8"F	8.8A	24" x 16.9" x 13.1"	96
FTAH-B074-IAA-201	R-134a	3/4	115V, 1 Ph.	5/8"F	1/4"F	18.3A	17.53" x 14.31" x 12.12"	72
FTAH-B074-IAV-201	R-134a	3/4	208/230V, 1 Ph.	5/8"F	1/4"F	10.5A	17.53" x 14.31" x 12.12"	75
FTAM-A075-IAA-201	R-134a	3/4	115V, 1 Ph.	5/8"F	3/8"F	16.5A	24" x 16.9" x 12.9"	106
FTAM-A075-IAV-201	R-134a	3/4	208/230V, 1 Ph.	5/8"F	3/8"F	9.5A	24" x 16.9" x 12.9"	106
F3AH-A078-IAA-001	R-22	3/4	115V, 1 Ph.	5/8"F	3/8"F	19.9A	24" x 16.9" x 13.1"	102
F3AH-A078-IAV-001	R-22	3/4	208/230V, 1 Ph.	5/8"F	3/8"F	10.1A	24" x 16.9" x 13.1"	102
FJAM-A106-CAV-001	R-404A	1	208/230V, 1 Ph.	7/8"S	3/8"F	12.5A	24.1" x 18.3" x 16.9"	106
FTAH-A101-CFV-001	R-134a	1	208/230V, 1 Ph.	5/8"F	3/8"F	14.8A	24" x 16.8" x 15.9"	130
F3AH-A100-CAV-001	R-22	1	208/230V, 1 Ph.	5/8"F	3/8"F	12.7A	24" x 16.9" x 13.1"	112
F3AM-A105-CFV-001	R-22	1	208/230V, 1 Ph.	7/8"S	3/8"F	11.7A	24.1" x 18.3" x 16.2"	138
F3AM-A105-TFC-001	R-22	1	208/230V, 3 Ph.	7/8"S	3/8"F	8.8A	24.1" x 18.3" x 16.2"	138
FJAM-A125-CFV-001	R-404A	1 1/4	208/230V, 1 Ph.	7/8"S	3/8"F	11.7A	24.1" x 18.3" x 16.2"	128
FJAM-A126-CAV-001	R-404A	1 1/4	208/230V, 1 Ph.	7/8"S	3/8"F	14.9A	24" x 18.4" x 16.2"	128
FJAM-A126-TFC-001	R-404A	1 1/4	208/230V, 3 Ph.	7/8"S	3/8"F	10.9A	24" x 18.4" x 16.2"	128
FTAH-A125-CFV-001	R-134a	1 1/4	208/230V, 1 Ph.	7/8"S	3/8"F	18.4A	24" x 18.4" x 16.3"	140
FJAM-A150-CFV-001	R-404A	1 1/2	208/230V, 1 Ph.	7/8"S	3/8"F	16.5A	24" x 18.3" x 16.9"	144
FJAM-A150-TFC-001	R-404A	1 1/2	208/230V, 3 Ph.	7/8"S	3/8"F	12.2A	24" x 18.3" x 16.9"	144
FTAH-A150-CFV-001	R-134a	1 1/2	208/230V, 1 Ph.	7/8"S	3/8"F	22.9A	24" x 18.4" x 16.3"	140
FTAH-A150-TFC-001	R-134a	1 1/2	208/230V, 3 Ph.	7/8"S	3/8"F	15.9A	24" x 18.4" x 16.3"	140
F3AD-A151-CFV-001	R-22	1 1/2	208/230V, 1 Ph.	7/8"S	3/8"F	16.4A	24.1" x 18.3" x 16.9"	140
F3AD-A151-TFC-001	R-22	1 1/2	208/230V, 3 Ph.	7/8"S	3/8"F	14.5A	24.1" x 18.3" x 16.9"	140
F3AD-A151-TFD-001	R-22	1 1/2	460V, 3 Ph.	7/8"S	3/8"F	6.7A	24.1" x 18.3" x 16.9"	140
FJAM-A200-CFV-001	R-404A	2	208/230V, 1 Ph.	7/8"S	3/8"F	15.9A	25.2" x 34.1" x 18.9"	215
FJAM-A200-TFC-001	R-404A	2	208/230V, 3 Ph.	7/8"S	3/8"F	11.7A	25.2" x 34.1" x 18.9"	215
FTAH-A201-TFC-001	R-134a	2	208/230V, 3 Ph.	7/8"S	3/8"F	16.6A	25.1" x 34.1" x 19.1"	215
F3AD-A201-CFV-001	R-22	2	208/230V, 1 Ph.	7/8"S	3/8"F	19.1A	25.1" x 34.1" x 19.1"	215
F3AD-A201-TFC-001	R-22	2	208/230V, 3 Ph.	7/8"S	3/8"F	13.2A	25.1" x 34.1" x 19.1"	215
F3AD-A201-TFD-001	R-22	2	460V, 3 Ph.	7/8"S	3/8"F	6.8A	25.1" x 34.1" x 19.1"	215
F3AD-A225-CFV-001	R-22	2 1/4	208/230V, 1 Ph.	7/8"S	3/8"F	21.4A	25.1" x 34.1" x 19.1"	215
F3AD-A225-TFC-001	R-22	2 1/4	208/230V, 3 Ph.	7/8"S	3/8"F	15.6A	25.1" x 34.1" x 19.1"	215
F3AD-A225-TFD-001	R-22	2 1/4	460V, 3 Ph.	7/8"S	3/8"F	7.1A	25.1" x 34.1" x 19.1"	215
FJAM-A225-CFV-001	R-404A	2 1/2	208/230V, 1 Ph.	7/8"S	3/8"F	17.8A	25.1" x 34.1" x 18.9"	210
FJAM-A225-TFC-001	R-404A	2 1/2	208/230V, 3 Ph.	7/8"S	3/8"F	13.7A	25.1" x 34.1" x 18.9"	210
FJAM-A300-CFV-001	R-404A	3	208/230V, 1 Ph.	1 1/8"S	3/8"F	25.8A	25.1" x 34.1" x 18.9"	236
FJAM-A300-TFC-001	R-404A	3	208/230V, 3 Ph.	1 1/8"S	3/8"F	18.8A	25.1" x 34.1" x 18.9"	236
FTAH-A300-CFV-001	R-134a	3	208/230V, 1 Ph.	1 1/8"S	3/8"F	44.2A	25.4" x 34.1" x 19.1"	249
FTAH-A300-TFC-001	R-134a	3	208/230V, 3 Ph.	1 1/8"S	3/8"F	31.7A	25.4" x 34.1" x 19.1"	249
F3AD-B301-CFV-020	R-22	3	208/230V, 1 Ph.	1 1/8"S	3/8"F	28.9A	25.1" x 34.1" x 19.1"	239
F3AD-B301-TFC-020	R-22	3	208/230V, 3 Ph.	1 1/8"S	3/8"F	19.7A	25.1" x 34.1" x 19.1"	239

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Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
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Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

SystemPro Air-Cooled Condensing Units



High/Medium Temperature

Physical/Electrical Data

Mfg Part No	Refrig.	HP	Voltage (60 Hz)	Connecting Lines		MCA	Overall Dimensions (LxWxH)	Ship. Wt. (lbs.)
				Suction	Liquid			
FJAM-A325-CFV-001	R-404A	3 1/4	208/230V, 1 Ph.	1 1/8"S	3/8"F	29.1A	25.1" x 34.1" x 18.9"	239
FJAM-A325-TFC-001	R-404A	3 1/4	208/230V, 3 Ph.	1 1/8"S	3/8"F	20.1A	25.1" x 34.1" x 18.9"	239
F3AD-B325-CFV-020	R-22	3 1/4	208/230V, 1 Ph.	1 1/8"S	3/8"F	30.1A	25.1" x 34.1" x 19.1"	239
F3AD-B325-TFC-020	R-22	3 1/4	208/230V, 3 Ph.	1 1/8"S	3/8"F	21.9A	25.1" x 34.1" x 19.1"	239
F3AD-A401-CFV-020	R-22	4	208/230V, 1 Ph.	1 1/8"S	1/2"F	41.9A	28.6" x 44.1" x 26.9"	373
F3AD-A401-TFC-020	R-22	4	208/230V, 3 Ph.	1 1/8"S	1/2"F	25.9A	28.6" x 44.1" x 26.9"	373
FJAM-A500-CFV-001	R-404A	5	208/230V, 1 Ph.	1 1/8"S	1/2"F	42A	28.6" x 44.1" x 26.9"	373
FJAM-A500-TFC-001	R-404A	5	208/230V, 3 Ph.	1 1/8"S	1/2"F	29.5A	28.6" x 44.1" x 26.9"	373
F3AD-A501-CFV-001	R-22	5	208/230V, 1 Ph.	1 1/8"S	1/2"F	46.4A	28.6" x 44.1" x 26.9"	373
F3AD-A501-TFC-001	R-22	5	208/230V, 3 Ph.	1 1/8"S	1/2"F	30.3A	28.6" x 44.1" x 26.9"	373
F3AH-0750-TFC	R-22	7 1/2	208/230V, 3 Ph.	1 3/8"S	5/8"S	46.6A	44" x 28" x 36.8"	524
F3AH-0750-TFD	R-22	7 1/2	460V, 3 Ph.	1 3/8"S	5/8"S	24.2A	44" x 28" x 36.8"	524
F3AH-0750-TFE	R-22	7 1/2	575V, 3 Ph.	1 3/8"S	5/8"S	19.5A	44" x 28" x 36.8"	524
F3AH-0750-TFM	R-22	7 1/2	380/415V, 3 Ph.	1 3/8"S	5/8"S	24.2A	44" x 28" x 36.8"	524
F3AH-0751-TFC	R-22	8	208/230V, 3 Ph.	1 3/8"S	5/8"S	46.6A	44" x 28" x 36.8"	524
F3AH-0751-TFD	R-22	8	460V, 3 Ph.	1 3/8"S	5/8"S	24.2A	44" x 28" x 36.8"	524
F3AH-0751-TFE	R-22	8	575V, 3 Ph.	1 3/8"S	5/8"S	19.5A	44" x 28" x 36.8"	524
F3AH-0751-TFM	R-22	8	380/415V, 3 Ph.	1 3/8"S	5/8"S	24.2A	44" x 28" x 36.8"	524
F3AH-0900-TFC	R-22	9	208/230V, 3 Ph.	1 3/8"S	5/8"S	57.1A	44" x 28" x 36.8"	528
F3AH-0900-TFD	R-22	9	460V, 3 Ph.	1 3/8"S	5/8"S	28.5A	44" x 28" x 36.8"	528
F3AH-0900-TFE	R-22	8	575V, 3 Ph.	1 3/8"S	5/8"S	22.0A	44" x 28" x 36.8"	528
F3AH-0900-TFM	R-22	9	380/415V, 3 Ph.	1 3/8"S	5/8"S	28.5A	44" x 28" x 36.8"	528
F3AH-1000-TFC	R-22	10	208/230V, 3 Ph.	1 3/8"S	5/8"S	61.6A	44" x 28" x 36.8"	545
F3AH-1000-TFD	R-22	10	460V, 3 Ph.	1 3/8"S	5/8"S	30.8A	44" x 28" x 36.8"	545
F3AH-1000-TFE	R-22	10	575V, 3 Ph.	1 3/8"S	5/8"S	25.2A	44" x 28" x 36.8"	545
F3AH-1000-TFM	R-22	10	380/415V, 3 Ph.	1 3/8"S	5/8"S	30.8A	44" x 28" x 36.8"	545
F3AH-1200-TFC	R-22	12	208/230V, 3 Ph.	1 3/8"S	5/8"S	61.5A	44" x 28" x 36.8"	550
F3AH-1200-TFD	R-22	12	460V, 3 Ph.	1 3/8"S	5/8"S	38.9A	44" x 28" x 36.8"	550
F3AH-1200-TFE	R-22	12	575V, 3 Ph.	1 3/8"S	5/8"S	30.8A	44" x 28" x 36.8"	550
F3AH-1200-TFM	R-22	12	380/415V, 3 Ph.	1 3/8"S	5/8"S	38.9A	44" x 28" x 36.8"	550

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COPELAND BRAND PRODUCTS



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SystemPro Air-Cooled Condensing Units



High/Medium Temperature

Capacity Data

Model No.	BTU/h @ 90°F Ambient Evaporator Temperature (°F)								
	0	10	15	20	25	30	35	40	45
FBAH-B075-IAA, IAV	-	4,470	4,950	5,480	6,030	6,570	7,330	8,190	9,070
FBAH-B100-CAV	-	5,200	5,800	6,490	7,200	8,120	9,040	9,940	11,150
FBAM-B050-IAA, IAV	2,990	3,660	4,030	4,420	4,840	-	-	-	-
FJAF-A056-IAA, IAV	3,230	4,150	4,650	5,280	5,990	-	-	-	-
FJAF-B078-CAA, CAV	4,060	5,170	5,760	6,380	7,020	-	-	-	-
FJAM-A106-CAV	5,440	6,760	7,450	8,170	8,910	-	-	-	-
FJAM-A125-CFV, TFC	5,760	7,260	8,110	8,960	9,880	-	-	-	-
FJAM-A126-CAV, TFC	6,940	8,550	9,190	9,830	11,100	-	-	-	-
FJAM-A150-CFV, TFC, TFD	7,300	9,600	10,900	12,100	13,500	-	-	-	-
FJAM-A200-CFV, TFC	9,600	12,600	14,100	15,700	17,300	-	-	-	-
FJAM-A225-CFV, TFC, TFD	11,400	14,300	15,900	17,500	19,200	-	-	-	-
FJAM-A300-CFV, TFC, TFD	14,100	18,500	20,800	23,100	25,400	-	-	-	-
FJAM-A325-CFV, TFC, TFD	15,700	20,400	23,100	25,800	28,900	-	-	-	-
FJAM-A500-CFV, TFC, TFD	25,700	32,900	37,100	41,300	46,000	-	-	-	-
FJAM-B400-CFV, TFC, TFD	23,680	30,630	34,170	37,750	41,380	-	-	-	-
FTAH-A101-CFV, TFC, TFD	-	4,990	5,860	6,820	7,770	8,780	9,790	10,800	11,800
FTAH-A125-CFV, TFC, TFD	-	6,920	8,120	9,410	10,790	12,260	13,820	15,460	17,190
FTAH-A150-CFV, TFC, TFD	-	8,670	10,200	11,700	13,100	14,600	16,600	18,600	20,500
FTAH-A201-CFV, TFC, TFD	-	10,900	13,100	15,400	17,600	19,800	22,200	24,600	26,900
FTAH-A300-CFV, TFC, TFD	-	15,800	18,800	21,900	24,900	27,900	31,200	34,500	37,800
FTAH-B074-IAA, IAV	-	4,130	4,675	5,220	5,860	6,500	7,260	8,020	8,880
FTAM-A075-IAA, IAV	3,510	4,710	5,470	6,330	7,180	8,080	-	-	-
F3AD-A151-CFV, TFC, TFD	-	8,350	9,550	10,800	12,100	13,550	15,000	16,600	18,300
F3AD-A201-CFV, TFC, TFD	-	11,400	13,000	14,550	16,200	17,900	19,750	21,600	23,600
F3AD-A225-CFV, TFC, TFD	-	12,500	14,300	16,200	18,100	20,000	22,000	23,900	25,900
F3AD-B301-CFV, TFC, TFD	-	16,810	19,260	21,850	24,550	27,360	30,270	33,230	36,300
F3AD-B325-CFV, TFC, TFD	-	18,520	21,170	23,910	26,790	29,820	33,030	36,430	40,070
F3AD-A401-CFV, TFC, TFD	-	25,000	28,950	32,850	36,900	41,050	45,350	49,750	54,350
F3AD-A451-CFV, TFC, TFD	-	29,800	34,000	38,200	42,700	47,400	52,350	57,500	62,950
F3AH-A078-IAA	-	4,480	5,120	5,760	6,450	7,130	7,870	8,660	9,440
F3AH-A100-CAA, CAV	-	5,260	5,960	6,700	7,480	8,320	9,220	10,200	11,200
F3AH-0750	-	-	-	-	-	67,700	74.7	82,000	89,600
F3AH-0751	-	-	-	-	-	71,400	78.7	86,300	94,300
F3AH-0900	-	-	-	-	-	76,600	85.4	95,400	104,000
F3AH-1000	-	-	-	-	-	87,300	96.200	105,000	114,000
F3AH-1200	-	-	-	-	-	104,000	114,000	123,000	133,000
F3AM-A105-CFV, TFC	-	6,610	7,570	8,540	9,600	-	-	-	-
MBFH-A026-IAA	-	1,480	1,640	1,810	1,980	2,160	2,350	2,550	2,860
MBFH-0049-IAA	-	2,560	2,850	3,150	3,460	3,790	4,140	4,500	4,870
MBFS-0017-SAA	-	770	870	980	1,090	1,200	1,320	1,450	1,580
MBFS-0020-SAA	-	930	1,030	1,140	1,260	1,390	1,520	1,650	1,800
MBFS-0024-SAA	-	1,270	1,420	1,570	1,730	1,890	2,070	2,250	2,440
MBFS-0033-IAA	-	1,820	2,040	2,270	2,510	2,770	3,030	3,310	3,600
MCFH-0027-IAA	-	1,910	2,130	2,600	2,360	2,850	3,110	3,380	3,660
MCFH-0036-IAA	-	2,270	2,550	2,830	3,140	3,460	3,790	4,140	4,500
MCFH-0049-CAV	-	3,090	3,460	3,840	4,250	4,680	5,130	5,600	6,090
MCFH-0050-CAA, CAV	-	3,240	3,650	4,070	4,530	5,000	5,500	6,020	6,570
MCFH-0056-IAA, IAV	-	3,610	4,020	4,470	4,950	5,480	6,070	6,720	7,440
MGFH-0017-SAA	-	770	870	980	1,090	1,200	1,320	1,450	1,580
MMFH-0022-IAA	-	1,250	1,380	1,530	1,680	1,840	2,010	2,180	2,360
M2FH-A033-IAA, IAV	-	1,857	2,070	2,400	2,710	3,010	3,300	3,580	3,870
M2FH-0017-SAA	-	880	910	1,030	1,150	1,280	1,410	1,560	1,710
M2FH-0026-IAA	-	1,530	1,700	1,890	2,080	2,280	2,490	2,710	2,940
M2FH-0049-IAA, IAV	-	2,610	2,920	3,250	3,600	3,960	4,340	4,740	5,150
M2FH-0050-IAA, IAV	-	2,950	3,350	3,780	4,230	4,710	5,210	5,740	6,290

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

SystemPro Air-Cooled Condensing Units



High/Medium Temperature

Capacity Data

Model No.	BTU/h @ 90°F Ambient Evaporator Temperature (°F)								
	0	10	15	20	25	30	35	40	45
M2FH-0056-IAA, IAV	-	3,240	3,680	4,140	4,630	5,150	5,690	6,270	6,870
M4FH-A036-IAA, IAV	-	2,550	2,815	3,090	3,370	3,670	3,990	4,310	4,650
M4FH-0022-IAA	-	1,340	1,460	1,590	1,720	1,860	2,010	2,160	2,310

Low Temperature

Physical/Electrical Data

Mfg Part No	Refrig.	HP	Voltage (60 Hz)	Connecting Lines		MCA	Overall Dimensions (L×W×H)	Ship. Wt. (lbs.)
				Suction	Liquid			
FTAL-A050-IAV-201	R-134a	1/2	208/230V, 1 Ph.	1/2"RF	1/4"F	9.6A	16.2" × 13.2" × 11.9"	64
FTAL-A050-IAA-201	R-134a	1/2	115V, 1 Ph.	1/2"RF	1/4"F	17.2A	16.2" × 13.2" × 11.9"	64
FJAL-A225-CFV-001	R-404A	2 1/4	208/230V, 1 Ph.	7/8"RS	3/8"F	19A	25.2" × 34.1" × 18.9"	196
FJAL-A225-TFC-001	R-404A	2 1/4	208/230V, 3 Ph.	7/8"RS	3/8"F	14.6A	25.2" × 34.1" × 18.9"	196
FJAL-A101-CAV-001	R-404A	1	208/230V, 1 Ph.	5/8"RF	3/8"F	13.2A	24" × 16.9" × 13.1"	120
FJAL-B301-TFC-010	R-404A	3	208/230V, 3 Ph.	7/8"RS	3/8"F	18.6A	25.2" × 34.1" × 18.9"	217
FJAL-B200-CFV-001	R-404A	2	208/230V, 1 Ph.	5/8"RF	3/8"F	20.8A	24" × 18.4" × 16.2"	144
FJAL-A101-TFC-001	R-404A	1	208/230V, 3 Ph.	5/8"RF	3/8"F	9.2A	24" × 16.9" × 13.1"	120
FJAL-B301-CFV-010	R-404A	3	208/230V, 1 Ph.	7/8"RS	3/8"F	25.8A	25.2" × 34.1" × 18.9"	217
FJAF-A075-IAV-001	R-404A	3/4	208/230V, 1 Ph.	5/8"RF	3/8"F	12.7A	24" × 16.9" × 13.1"	100
M4FL-0040-IAA-105	R-404A	1/2	115V, 1 Ph.	3/8"F	1/4"F	8.9A	16.2" × 13.1" × 11.8"	47
M2FL-0025-IAA-001	R-134a	1/4	115V, 1 Ph.	3/8"F	1/4"F	6.9A	13.8" × 11.8" × 9.7"	42
M4FL-0033-IAA-109	R-404A	1/3	115V, 1 Ph.	3/8"F	1/4"F	7.7A	13.8" × 11.8" × 9.7"	41
FJAL-B200-TFC-001	R-404A	2	208/230V, 3 Ph.	5/8"RF	3/8"F	14.6A	24" × 18.4" × 16.2"	144

Capacity Data

Model No	BTU/h @ 90°F Ambient Evaporator Temperature (°F)						
	-30	-25	-20	-15	-10	0	10
FJAF-A075-CAA, IAV	-	2,340	2,830	3,320	4,180	5,040	-
FJAL-A101-CAV, TFC	-	2,920	3,450	3,980	4,560	5,740	6,960
FJAL-A200-CFV, TFC	-	-	4,590	5,440	6,460	8,650	-
FJAL-A225-CFV, TFC, TFD	4,580	5,620	6,780	8,060	9,440	12,400	-
FJAL-A301-CFV, TFC	-	-	8,100	10,200	12,300	16,400*	-
FJAL-B200-CFV, TFC, TFD	4,420	5,440	6,560	7,750	9,010	11,530	-
FJAL-B301-CFV, TFC, TFD	6,890	8,540	10,370	12,340	14,430	18,810	-
FTAL-A050-IAA, IAV	-	1,210	1,540	1,900	2,270	3,070	-
M2FL-0025-IAA	-	740	850	970	1,110	1,420	-
M4FL-0033-IAA	-	910	1,080	1,260	1,440	1,830	-
M4FL-0040-IAA	-	1,430	1,650	1,880	2,120	2,640	-

COPELAND BRAND PRODUCTS

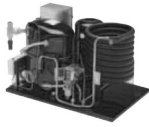


COPELAND BRAND PRODUCTS

SystemPro Water-Cooled Condensing Units



High Temperature



Mfg Part No	Refrig.	HP	Volt	BTUH	Dimensions (in)		
					Length	Width	Height
MCWH-C027-IAA-001	R-22	1/4	115-1	2910	17.9	12.9	8.7
M2WH-C056-IAA-001	R-134a	1/2	115-1	5140	17.9	21.8	9.8
M2WH-C056-IAV-001	R-134a	1/2	208/230-1	5140	17.9	12.8	9.8
MCWH-C049-CAA-001	R-22	1/2	115-1	4640	17.9	12.7	9.3
MCWH-C049-CAV-001	R-22	1/2	208/230-1	4640	17.9	21.7	9.3
F3WH-C078-IAV-001	R-22	1/2	208/230-1	6980	24.0	16.7	12.1
FTWM-C075-IAA-001	R-134a	3/4	115-1	7850	24.0	16.1	11.8
FTWH-C074-IAV-001	R-134a	3/4	208/230-1	6530	18.0	12.2	11.6
FPWN-C225-CFV-020	R-134a	2-1/4	208/230-1	12500	24.0	16.8	15.0
FPWN-C225-TFC-020	R-134a	2-1/4	208/230-3	12500	24.0	16.8	14.2
F3WD-C151-CFV-020	R-22	1-1/2	208/230-1	13500	24.0	16.1	15.0
FPWN-C300-TFC-020	R-134a	3	208/230-3	15900	24.0	16.9	14.8
FPWN-C300-CFV-020	R-134a	3	208/230-1	15900	24.0	16.9	15.0
FPWN-C325-CFV-020	R-134a	3-1/4	208/230-1	17800	26.2	21.0	15.5

Medium Temperature

Mfg Part No	Refrig.	HP	Volt	BTUH	Dimensions (in)		
					Length	Width	Height
FPWN-C150-CFV-020	R-404A	1-1/2	208/230-1	15500	24.0	16.2	17.0
FPWN-C150-TFC-020	R-404A	1-1/2	208/230-3	15500	24.0	16.2	17.0

Low Temperature

Mfg Part No	Refrig.	HP	Volt	BTUH	Dimensions (in)		
					Length	Width	Height
FJWL-C075-IAV-001	R-404A	3/4	208/230-1	3750	24.0	16.1	11.7
FJWL-C101-CAV-001	R-404A	1	208/230-1	4800	24.0	16.1	11.6
FJWL-C200-CFV-020	R-404A	2	208/230-1	9090	24.0	16.4	15.0
FJWL-C200-CFV-020	R-404A	2	208/230-1	9090	24.0	16.4	15.0
FJWL-C301-CFV-020	R-404A	3	208/230-1	13200	25.0	21.0	21.1

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COPELAND BRAND PRODUCTS

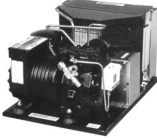
Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Copelametic Air-Cooled Condensing Units



High/Medium Temperature



Mfg Part No	Compressor Model	Refrig.	HP	Voltage (60 Hz)	Connecting Lines		MCA	Overall Dimensions (LxWxH)	Ship. Wt. (lbs.)
					Suction	Liquid			
E8AM-A050-CAV-001	HAJ*-005E	R-22	1/2	230V, 1 Ph.	1/2"F	1/4"F	5.2A	19.5" x 14.8" x 12"	124
E8AM-A050-TAC-001	HAJ*-005E	R-22	1/2	230V, 3 Ph.	1/2"F	1/4"F	3.4A	19.5" x 14.8" x 12"	124
C8AJ-0075-CAV-001	KAN*-007E	R-22	3/4	230V, 1 Ph.	5/8"F	3/8"F	7.9A	33.5" x 20" x 19"	190
C8AJ-0075-TAC-001	KAN*-007E	R-22	3/4	230V, 3 Ph.	5/8"F	3/8"F	4.9A	33.5" x 20" x 19"	190
C8AJ-0100-CAV-001	KAR*-010E	R-22	1	230V, 1 Ph.	5/8"F	3/8"F	12.2A	33.5" x 20" x 19"	190
C8AJ-0100-TAC-001	KAR*-010E	R-22	1	230V, 3 Ph.	5/8"F	3/8"F	8.3A	33.5" x 20" x 19"	190
C3AM-0101-CAV-001	KAM*-0100	R-22	1	230V, 1 Ph.	5/8"F	3/8"F	12.3A	33.5" x 20" x 19"	190
C3AM-0101-TAC-001	KAM*-0100	R-22	1	230V, 3 Ph.	5/8"F	3/8"F	8.5A	33.5" x 20" x 19"	190
C3AH-0150-CAV-001	KAG*-0150	R-22	1 1/2	208/230V, 1 Ph.	7/8"S	3/8"F	14.9A	33.5" x 20" x 19"	200
C3AH-0150-TAC-001	KAG*-0150	R-22	1 1/2	208/230V, 3 Ph.	7/8"S	3/8"F	9.8A	33.5" x 20" x 19"	200
C8AJ-0200-CAV-001	KAKB-021E	R-22	2	208/230V, 1 Ph.	5/8"F	3/8"F	16.2A	33.4" x 20" x 19"	296
C8AJ-0200-TAC-001	KAKB-020E	R-22	2	208/230V, 3 Ph.	7/8"S	3/8"F	15A	33.4" x 20" x 19"	296
C3AM-0202-CAV-001	ERC*-0200	R-22	2	230V, 1 Ph.	7/8"S	1/2"F	15.4A	33.5" x 20" x 19"	270
CPDK-0300-TFC-001	2DF*-030E	R-134a	3	208/230V, 3 Ph.	1 3/8"S	1/2"F	25.4A	39" x 30" x 29.5"	540
C3AH-0303-CAB-001	ERF*-0310	R-22	3	208/230V, 1 Ph.	1 1/8"S	1/2"F	25.7A	39" x 30" x 29.5"	430
C3AH-0303-CAV-001	ERF*-0310	R-22	3	230V, 1 Ph.	1 1/8"S	1/2"F	25.7A	39" x 30" x 29.5"	430
C3AM-0303-CAB-001	3RA*-0310	R-22	3	208/230V, 1 Ph.	1 1/8"S	1/2"F	26.7A	39" x 30" x 29.5"	460
C3AM-0303-CAV-001	3RA*-0310	R-22	3	230V, 1 Ph.	1 1/8"S	1/2"F	26.7A	39" x 30" x 29.5"	460
C3AM-0303-TAC-001	3RA*-0310	R-22	3	208/230V, 3 Ph.	1 1/8"S	1/2"F	20.8A	39" x 30" x 29.5"	460
C8AJ-0300-TAC-001	ERF*-031E	R-22	3	208/230V, 3 Ph.	1 1/8"S	1/2"F	19.9A	39" x 30" x 29.5"	430
C8DJ-0500-TAC-001	2DC*-050E	R-22	5	230V, 3 Ph.	1 3/8"S	5/8"F	32.3A	39" x 30" x 29.5"	540
C8DJ-0500-TFE-001	2DC*-050E	R-22	5	575V, 3 Ph.	1 3/8"S	5/8"F	11.5A	39" x 30" x 29.5"	540
C8DJ-0501-TAC-001	2DD*-050E	R-404A	5	230V, 3 Ph.	1 3/8"S	5/8"F	32.3A	39" x 30" x 29.5"	540
C8DJ-0501-TFC-001	2DD*-050E	R-404A	5	208/230V, 3 Ph.	1 3/8"S	5/8"F	32.3A	39" x 30" x 29.5"	540
C8DJ-0501-TFE-001	2DD*-050E	R-404A	5	575V, 3 Ph.	1 3/8"S	5/8"F	11.8A	39" x 30" x 29.5"	540
CPDK-0600-TFC-001	2DA*-060E	R-134a	6	208/230V, 3 Ph.	1 3/8"S	5/8"F	40.4A	44" x 36" x 31.5"	603
C8DJ-0750-TAC-001	2DA*-075E	R-22	7 1/2	230V, 3 Ph.	1 3/8"S	5/8"F	45.7A	44" x 36" x 31"	620
C8DJ-0750-TFC-001	2DA*-075E	R-22	7 1/2	208/230V, 3 Ph.	1 3/8"S	5/8"F	45.7A	44" x 36" x 31"	620
C8DJ-0750-TFE-001	2DA*-075E	R-22	7 1/2	575V, 3 Ph.	1 3/8"S	5/8"F	18.5A	44" x 36" x 31"	620
C8DJ-1000-TAC-001	3DB*-100E	R-22	10	230V, 3 Ph.	1 3/8"S	7/8"F	63.3A	39" x 66" x 36"	940
C8DJ-1000-TFC-001	3DB*-100E	R-22	10	208/230V, 3 Ph.	1 3/8"S	7/8"F	63.3A	39" x 66" x 36"	940
C8DJ-1000-TFE-001	3DB*-100E	R-22	10	575V, 3 Ph.	1 3/8"S	7/8"F	24.4A	39" x 66" x 36"	940

Low Temperature

Mfg Part No	Compressor Model	Refrig.	HP	Voltage (60 Hz)	Connecting Lines		MCA	Overall Dimensions (LxWxH)	Ship. Wt. (lbs.)
					Suction	Liquid			
C8AL-0075-IAA-001	KAM*-007E	R-22	3/4	115V, 1 Ph.	5/8"F	3/8"F	15.6A	33.5" x 20" x 19"	190
C8AL-0075-TAC-001	KAM*-007E	R-22	3/4	230V, 3 Ph.	5/8"F	3/8"F	5.2A	33.5" x 20" x 19"	190
CNAG-0100-CAV-001	KAJ*-010E	R-22	1	230V, 1 Ph.	5/8"F	3/8"F	11.5A	33.5" x 20" x 19"	190
CNAG-0100-TAC-001	KAJ*-010E	R-22	1	230V, 3 Ph.	5/8"F	3/8"F	8.7A	33.5" x 20" x 19"	190
C8AL-0151-TAC-001	EAD*-020E	R-22/R-404A	1 1/2	208/230V, 3 Ph.	7/8"S	1/2"F	10.3A	33.5" x 20" x 19"	265
CPAK-0150-CAV-001	KAL*-015/6E	R-404A	1 1/2	230V, 1 Ph.	7/8"S	1/2"F	14.2A	33.5" x 20" x 19"	200
CPAK-0150-TAC-001	KAL*-015/6E	R-404A	1 1/2	230V, 3 Ph.	7/8"S	1/2"F	10.1A	33.5" x 20" x 19"	200
CNAG-0200-CAV-001	EAV*-0200	R-404A	2	208/230V, 1 Ph.	7/8"S	1/2"F	20.2A	33.5" x 20" x 19"	275
CJAL-0300-CAB-001	LAH*-032E	R-404A	3	208/230V, 1 Ph.	1 1/8"S	1/2"F	25.3A	39" x 30" x 29.5"	460
CJAL-0300-TAC-001	LAH*-032E	R-404A	3	208/230V, 3 Ph.	1 1/8"S	1/2"F	20.3A	39" x 30" x 29.5"	460
CJDL-0400-TFC-001	2DL*-040E	R-404A	4	208/230V, 3 Ph.	1 3/8"S	5/8"F	37.3A	39" x 30" x 29.5"	550

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Condensing Unit Accessories



Hoods

Economy Hoods

Mfg Part No	External Dimensions (in)			Internal Dimensions (in)		
	L	W	H	L	W	H
ECON-01	26.0	20.0	20.0	26.0	20.0	16.0
ECON-02	26.0	24.5	22.0	26.0	24.5	18.0
ECON-03	28.5	37.0	26.5	28.0	37.0	22.5
ECON-04	24.5	24.0	25.0	24.5	24.0	21.0

UL Listed for Outdoor Use

Mfg Part No	External Dimensions (in)			Internal Dimensions (in)		
	L	W	H	L	W	H
CHO-10	27.0	20.0	20.0	26.0	20.0	16.0
CHO-11	29.5	37.0	27.5	28.5	37.0	22.5
CHO-12	27.0	24.5	22.0	26.0	24.5	18.0
CHO-13	35.5	24.0	25.0	34.5	24.0	21.0
CHO-15	33.5	48.5	35.5	32.5	48.5	30.5
CHO-16	46.5	38.0	38.0	45.5	38.0	33.0
CHO-17	42.5	74.0	48.5	41.5	74.0	40.5

Copelaweld Commercial Refrigeration Compressors



R-22

Medium Temperature

Mfg Part No	Voltage (60 Hx)/Phase	20/120/40/120 F			0/110/40/110 F				
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)
ARB21C3-IAA-901	115/1	1,260	310	4.3	4.1	850	240	3.9	3.5
ARE36C3-IAA	115/1	2,060	440	5.5	4.6	1,220	340	4.9	3.6
ARE43C3-IAA-901	115/1	2,410	510	6.3	4.7	1,600	400	5.5	4
ARE59C3-CAV-901	208-230/1	3,290	650	3.1	5	2,160	510	2.4	4.3
ART69C1-IAA-901	115/1	3,380	570	6.9	5.9	2,240	440	6	5
ART69C1-IAV-959	208-230/1	3,380	570	3.4	5.9	2,240	440	2.9	5
ARE59C3-CAA-901	115/1	3,390	640	5.7	5.3	2,230	490	4.5	4.5
ART82C1-CAA-901	115/1	4,030	710	8.3	5.7	2,670	550	7.2	4.8
RS47C2-IAA-959	115/1	4,770	930	13	5.1	—	—	—	—
RS47C2-IAV-959	208-230/1	4,770	930	13	5.1	—	—	—	—
RSL2-0100-CAV	208-230/1	9,620	1,757	9	5.5	5,510	1,297	7.3	4.2
ART82C1-CAV-901	208-230/1	4,030	710	4	5.7	2,670	550	3.5	4.8
RR17K1-PFV-900	208-230/1	9,780	1,500	6.7	6.5	6,110	1,160	5.2	5.3

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Copelaweld Commercial Refrigeration Compressors



R-22

High Temperature

Mfg Part No	Voltage (60 Hz)/Phase	45/130/65/130 F				20/120/65/120 F			
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)
CRN5-0500-TF5-970	208-230/3	58,700	6,270	17.7	9.4	35,800	4,605	14.2	7.8
RR12K1-PFV-900	208-230/1	12,300	1,280	5.8	9.6	—	—	—	—
RR14K1-PFV-959	208-230/1	14,600	1,660	7.4	8.8	8,630	1,270	5.8	6.8
CRN5-0500-TFD-970	460/3	58,700	6,210	9.1	9.5	35,500	4,625	7.2	7.7
CRP5-0450-TF5-970	208-230/3	54,300	5,700	16.1	9.5	32,500	4,230	12.5	7.7
CRN5-0500-TFE-970	575/3	58,700	6,270	7.3	9.4	35,500	4,695	5.8	7.6
RR16K1-PFV-900	208-230/1	16,050	1,820	8.1	8.8	—	—	—	—
RS47C2-IAV-959	208-230/1	8,600	1,250	7.6	6.9	5,060	943	6.6	5.4
ART97C1-PAV-901	208-230/1	9,700	1,370	7	7.1	5,660	1,010	5.8	5.6
CRN5-0500-PFV-970	208-230/1	58,100	6,270	28	9.3	34,800	4,695	21.1	7.4
CRP5-0450-TFE-970	575/3	54,300	5,700	6.4	9.5	32,500	4,230	4.9	7.7
CRP5-0450-TFD-970	460/3	54,300	5,700	8	9.5	32,500	4,230	6.2	7.7
ART82C1-CAV-901	208-230/1	8,200	1,120	5.6	7.3	4,760	830	4.7	5.8
RR17K1-PFV-900	208-230/1	17,100	1,970	8.8	8.7	9,950	1,480	6.6	6.7
ARB21C3-IAA-901	115/1	2,150	400	4.9	5.4	1,340	310	4.2	4.4
ARE43C3-IAA-959	115/1	4,080	678	7.4	6	2,480	519	6.3	4.8
ARE47C3-IAA-959	115/1	4,850	763	8.7	6.4	3,080	572	7.2	5.4
ART69C1-IAV-959	208-230/1	6,900	910	4.7	7.6	4,020	670	3.9	6
ARE59C3-CAV-901	208-230/1	5,750	840	4	6.8	3,520	630	2.9	5.6
ARE59C3-CAA-901	115/1	5,790	860	7.7	6.8	3,550	640	5.7	5.6
ART69C1-IAA-901	115/1	6,900	910	9.6	7.6	4,020	670	8.1	6
ART97C1-PAA-901	115/1	9,700	1,370	14.3	7.1	5,660	1,010	11.9	5.6
ARE36C3-IAA-901	115/1	3,680	586	6.8	6.3	2,130	442	5.7	4.8
ART82C1-CAA-901	115/1	8,200	1,120	11.6	7.3	4,760	830	9.6	5.8
CRP5-0450-PFV-970	208-230/1	54,000	5,760	25.8	9.4	31,800	4,290	19.2	7.4

R-134a

Medium Temperature

Mfg Part No	Voltage (60 Hz)/Phase	20/120/40/120 F				0/110/40/110 F			
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)
RS40C2E-IAA-959	115/1	4,000	825	9.6	4.8	2,410	598	8.3	4
RS40C2E-IAV-959	208-230/1	6,940	836	5.3	4.7	2,370	606	4.6	3.9
RS54C2E-IAA-959	115/1	5,400	1,070	14	5	3,110	765	12	4.1
RS54C2E-IAV-959	208-230/1	5,400	1,070	7	5	3,110	765	6	4.1

Extended Medium Temperature

Mfg Part No	Voltage (60 Hz)/Phase	-10/120/40/120 F				20/120/40/120 F			
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)
AFB04C3E-SAA-901	115/1	370	160	2.4	2.3	1,100	300	3.4	3.6
AFB05C3E-IAA-901	115/1	500	200	3	2.5	1,470	370	4.2	3.9
AFB05C3E-SAA-901	115/1	500	200	3	2.5	1,470	370	4.2	3.9
AFE07C3E-IAA	115/1	710	250	4.2	2.8	1,610	370	4.8	4.4
AFE10C3E-IAA-901	115/1	940	300	4.9	3.1	2,050	460	5.7	4.4
AFT12C1E-IAA-901	115/1	1,149	404	4.9	2.9	3,150	676	6.3	4.7

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Copeland Commercial Refrigeration Compressors



R-134a

High Temperature

Mfg Part No	Voltage/Phase	45/130/65/130 F				20/120/65/120 F			
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)
ARB13C3E-IAA-901	115/1	1,350	250	3	5.3	800	180	2.5	4.4
ARB13C3E-SAA-901	115/1	1,350	250	3	5.3	800	180	2.5	4.4
ARB17C3E-IAA-901	115/1	1,680	320	3.6	5.2	1,020	230	2.9	4.5
ARB17C3E-SAA-901	115/1	1,680	320	3.6	5.2	1,020	230	2.9	4.5
ARE25C3E-IAA-959	115/1	2,520	420	4.5	6	1,480	300	3.6	4.9
ARE25C3E-SAA-901	115/1	2,520	420	4.5	6	1,480	300	3.6	4.9
ARE27C3E-IAA-901	115/1	2,730	460	5.1	5.9	1,580	330	4.1	4.8
ARE27C3E-SAA-901	115/1	2,730	460	5.1	5.9	1,580	330	4.1	4.8
ARE37C3E-IAA-901	115/1	3,750	600	7.1	6.2	2,180	430	5.9	5
ARE37C3E-IAV-901	208-230/1	3,790	590	3.4	6.4	2,200	430	2.9	5.1
ARE37C3E-SAA-901	115/1	3,620	600	6.8	6	2,100	430	5.6	4.8
ARE41C3E-IAA-901	115/1	3,950	660	7.5	6	2,300	480	6.2	4.8
ART51C1E-IAA-901	115/1	4,880	830	9.1	5.9	2,850	600	6.9	4.7
ART51C1E-IAV-959	208-230/1	4,880	830	4.5	5.9	2,850	600	3.4	4.7
ART62C1E-IAA-901	115/1	5,880	970	11.5	6.1	3,420	700	9.5	4.9
ART62C1E-IAV-901	208-230/1	6,100	960	5.4	6.4	3,550	700	4.4	5.1
ART64C1E-IAA-901	115/1	6,400	1,050	11.3	6.1	3,730	760	9.3	4.9
ART64C1E-IAV-959	208-230/1	6,360	1,070	6	6	3,710	770	4.9	4.8
RR10K2E-CAV-959	208-230/1	10,000	1,370	6.5	7.3	5,380	921	4.7	5.8
RR81C2E-IAA-959	115/1	8,070	1,220	14.8	6.6	4,520	875	12.6	5.2
RR81C2E-IAV-959	208-230/1	8,070	1,220	7.4	6.6	4,520	875	6.3	5.2

R-404A

Medium Temperature

Mfg Part No	Voltage (60 Hz)/Phase	20/120/40/120 F				0/110/40/110 F			
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)
ASB12C3E-IAA	115/1	1,250	340	4.3	—	—	—	—	—
ASB14C3E-IAA	115/1	1,530	470	6	—	—	—	—	—
ASE19C3E-IAA	115/1	1,890	430	5.5	—	—	—	—	—
ASE24C3E-IAV	208-230/1	2,500	560	3.2	4.4	1,720	430	2.7	4
ASE32C3E-CAA	115/1	3,260	710	6.4	4.6	2,320	550	5.1	4.2
ASE32C3E-CAV	208-230/1	3,320	730	3.4	4.5	2,370	570	2.7	4.2
AST40C1E-IAA	115/1	3,610	839	10.2	4.1	2,450	620	8.2	3.9
AST40C1E-IAV	208-230/1	3,610	839	5.4	4.1	2,450	620	4.4	3.9
AST45C1E-CAV	208-230/1	4,230	1,010	5.4	4.2	2,870	710	4.4	4
AST45C1E-IAA	115/1	4,230	1,010	11.1	4.2	2,870	710	9	4
AST54C1E-CAV	208-230/1	5,770	1,180	6.5	—	—	—	—	—
AST54C1E-CAA	115/1	5,770	1,180	11.5	—	—	—	—	—

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Copelaweld Commercial Refrigeration Compressors



R-404A

Extended Medium Temperature

Mfg Part No	Voltage (60 Hz)/Phase	-10/120/40/120F				20/120/40/120F			
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)
AFE11C3E-IAA-901	115/1	1,040	410	5.9	2.6	—	—	—	—
AFE13C3E-IAA-901	115/1	1,440	490	5.9	3	—	—	—	—
AFT18C1E-IAA-901	115/1	1,660	580	7.7	2.8	—	—	—	—
AFT22C1E-CFV-901	208-230/1	2,110	650	2.9	3.2	—	—	—	—
AFT22C1E-IAA-901	115/1	2,150	710	9.1	3	—	—	—	—
AFT26C1E-CFA-959	115/1	2,520	910	8.7	2.8	—	—	—	—
AFT26C1E-CFV-959	208-230/1	2,580	850	3.9	3.1	—	—	—	—
AFT29C1E-CFA-901	115/1	3,020	950	9.1	3.2	—	—	—	—
AFT29C1E-CFV-901	208-230/1	3,020	950	4.5	3.2	—	—	—	—
RS43C2E-IAA-959	115/1	1,600	605	8.3	2.7	4,040	980	10.9	4.1
RS55C2E-CAA-908	115/1	2,030	740	7.5	2.7	5,220	1,150	11	4.5
RS55C2E-CAV	208-230/1	2,130	736	3.5	2.9	5,450	1,150	5.1	4.7
RS64C1E-CAA	115/1	2,860	1,050	9.3	2.7	6,460	1,470	12.9	4.4
RS64C1E-IAV	208-230/1	2,860	1,050	6.2	2.7	6,450	1,460	8.6	4.4
RS64C2E-CAA-959	115/1	2,860	1,050	9.2	2.7	6,450	1,460	12.8	4.4
RS64C2E-CAV-908	208-230/1	2,860	1,050	4.6	2.7	6,450	1,460	6.4	4.4
RS64C2E-CAV-959	208-230/1	2,860	1,050	4.6	2.7	6,450	1,460	6.4	4.4
RS64C2E-IAV-959	208-230/1	2,860	1,050	4.6	2.7	6,450	1,460	6.4	4.4
RS70C1E-PFV-959	208-230/1	2,790	775	3.5	3.6	6,980	1,250	5.5	5.6
RS70C1E-TFC-900	208-230/3	2,750	770	2.3	3.6	6,880	1,240	3.7	5.5
RS70C1E-TFC-950	208-230/3	2,750	770	2.3	3.6	6,880	1,240	3.7	5.5
RS97C2E-CAA-959	115/1	3,820	1,250	14.4	3.1	9,590	1,940	19.4	4.9
RS97C2E-CAV-959	208-230/1	3,820	1,250	7.2	3.1	9,590	1,940	9.7	4.9
RS97C2E-TFC-950	208-230/3	3,750	1,220	4.7	3.1	9,400	1,890	6.3	5

Copelaweld Refrigeration Compressors



R-404A, R-507

Extended Medium Temperature

Mfg Part No	BTU/h	Volts (60 Hz)/Phase	RLA	Amps	Power (Watts)	Refrigeration Connections		Dimensions (L×W×H)
						Discharge Valve	Suction Valve	
CS10K6E-PFV-970	10,100	208-230/1	10.9	7.6	1,660	3/8"	3/4"	10.3" × 9.1" × 13.3"
CS10K6E-TF5-970	9,800	200-230/3	7.5	5.1	1,610	3/8"	3/4"	10.3" × 9.1" × 13.3"
CS12K6E-PFV-970	12,000	208-230/1	10.9	8.8	1,930	3/8"	3/4"	10.3" × 9.1" × 13.3"
CS12K6E-TF5-970	11,700	200-230/3	7.5	5.8	1,860	3/8"	3/4"	10.3" × 9.1" × 13.3"
CS14K6E-PFV-970	14,100	208-230/1	12.4	10.3	2,280	3/8"	3/4"	10.3" × 9.1" × 13.3"
CS14K6E-TF5-970	13,800	200-230/3	9.1	6.9	2,210	3/8"	3/4"	10.3" × 9.1" × 13.3"
CS14K6E-TFD-970	13,800	460/3	4.7	3.4	2,210	3/8"	3/4"	10.3" × 9.1" × 13.3"
CS18K6E-PFV-970	18,100	208-230/1	16	13	2,780	3/8"	3/4"	10.3" × 9.1" × 13.8"
CS18K6E-TF5-970	17,700	200-230/3	10.4	8.7	2,690	3/8"	3/4"	10.3" × 9.1" × 13.8"
CS18K6E-TFD-970	17,700	460/3	4.3	4.4	2,690	3/8"	3/4"	10.3" × 9.1" × 13.8"
CS20K6E-PFV-970	20,000	208-230/1	18.6	14.9	3,120	1/2"	3/4"	10.3" × 9.1" × 14.1"
CS20K6E-TF5-970	19,600	200-230/3	11.4	10	3,030	1/2"	3/4"	10.3" × 9.1" × 14.1"
CS20K6E-TFD-970	19,600	460/3	5.1	5	3,030	1/2"	3/4"	10.3" × 9.1" × 14.1"
CS27K3E-PFV-970	26,500	208-230/1	23.9	20.3	4,420	3/8"	3/4"	9.4" × 9.3" × 15.1"
CS27K3E-TF5-970	26,000	200-230/3	15.6	13.1	4,290	3/8"	3/4"	9.4" × 9.3" × 15.1"
CS27K3E-TFD-970	26,000	460/3	8.5	6.6	4,290	3/8"	3/4"	9.4" × 9.3" × 15.1"
CS33K3E-PFV-970	31,600	208-230/1	30.7	25.3	5,290	1/2"	7/8"	9.4" × 9.3" × 15.3"
CS33K3E-TF5-970	31,200	200-230/3	20.7	15.2	5,190	1/2"	7/8"	9.4" × 9.3" × 15.3"
CS33K3E-TFD-970	31,200	460/3	9.9	7.6	5,190	1/2"	7/8"	9.4" × 9.3" × 15.3"

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Copeland CF-Line Compressors



R-404A

Low Temperature

Mfg Part No	Capacity (BTU/h)	Electrical Rating	RLA	Current (Amps)	Power (Watts)	Refrigeration Connections		Dimensions (L×W×H)
						Suction Valve	Discharge Valve	
CF04K6E-PFV-970	3,680	208-230V @ 60 Hz, 1 Ph.	9.6	5.3	1,110	3/4" ST	3/8" ST	10.28" × 9.09" × 13.312"
CF04K6E-TF5-970	3,660	200-230V @ 60 Hz, 3 Ph.	6.4	4.1	1,030	3/4" ST	3/8" ST	10.28" × 9.09" × 13.312"
CF06K6E-PFV-970	6,690	208-230V @ 60 Hz, 1 Ph.	11.4	8	1,740	3/4" ST	3/8" ST	10.28" × 9.09" × 13.312"
CF06K6E-TF5-970	6,392	200-230V @ 60 Hz, 3 Ph.	7	5.3	1,630	3/4" ST	3/8" ST	10.28" × 9.09" × 13.312"
CF09K6E-PFV-970	9,800	208-230V @ 60 Hz, 1 Ph.	16.7	11.2	2,470	3/4" ST	1/2" ST	10.28" × 9.09" × 13.812"
CF09K6E-TF5-970	9,620	200-230V @ 60 Hz, 3 Ph.	10.2	7.6	2,370	3/4" ST	1/2" ST	10.28" × 9.09" × 13.812"
CF12K6E-TF5-970	12,500	200-230V @ 60 Hz, 3 Ph.	12.3	10.2	3,110	3/4" ST	1/2" ST	10.28" × 9.09" × 14.312"
CF12K6E-PFV-970	12,700	208-230V @ 60 Hz, 1 Ph.	—	16.1	—	3/4" ST	1/2" ST	10.28" × 9.09" × 14.312"

Copeland CRKQ Series Compressors for Air Conditioning



R-22

Mfg Part No	Capacity (BTU/h)	Voltage (60 Hz)	EER (BTU/Wh)	Amps	RLA	LRA
CR16KQ-PFV-980WB	15,700	208/230-1	10	6.9	7.9	38
CR18KQ-PFV-980WB	18,300	208/230-1	9.8	8.8	9	41
CR18KQ-TF5-980WB	18,300	200/230-3	10.1	5.5	6	44.2
CR20KQ-PFV-980WB	19,800	208/230-1	10	8.9	10.1	54
CR22KQ-PFV-980WB	21,800	208/230-1	9.8	10.8	11.1	51.5
CR24KQ-PFV-980WB	23,900	208/230-1	9.8	14.7	13.5	70.5
CR24KQ-TF5-980WB	23,700	200/230-3	10.2	7	7.5	40
CR24KQ-TFD-980WB	23,700	460-3	tbd	tbd	3.7	25
CR28KQ-PFV-980WB	27,600	208/230-1	9.7	13.1	15	70.5
CR28KQ-TF5-980WB	27,200	200/230-3	10.3	8	8.8	60.5
CR28KQ-TFD-980WB	27,500	460-3	10.5	4	4.4	30
CR30KQ-PFV-980WB	30,000	208/230-1	9.7	14.1	15	78
CR32KQ-PFV-980WB	30,700	208/230-1	9.5	15.3	17	83
CR30KQ-TFD-980WB	29,300	460-3	10.3	4.3	4.7	32
CR32KQ-TF5-980WB	31,300	200/230-3	10.1	9.1	10.4	63
CR32KQ-TFD-980WB	32,000	460-3	10.3	4.5	5	32
CR33KQ-PFV-980WB	32,700	208/230-1	10	14.8	16	75
CR33KQ-TF5-980WB	32,000	200/230-3	10	9.3	10.6	69
CR33KQ-TFD-980WB	32,000	460-3	10.3	4.5	4.7	31.6
CR34KQ-PFV-980WB	34,000	208/230-1	10.1	15.3	16.7	84
CR34KQ-TF5-980WB	33,900	200/230-3	10.1	9.7	11.8	67
CR34KQ-TFD-980WB	33,500	460-3	10	4.8	5.4	29.2
CR36KQ-PFV-980WB	36,300	208/230-1	10.1	16.8	17.6	93
CR36KQ-TF5-980WB	35,200	200/230-3	10.2	10	12.4	68
CR36KQ-TFD-980WB	35,700	460-3	10.2	4.9	5.5	34.5
CR37KQ-PFV-980WB	36,800	208/230-1	10.1	17.4	18.5	100
CR37KQ-TF5-980WB	36,400	200/230-3	10.4	10.2	11.1	85
CR37KQ-TFD-980WB	36,400	460-3	10.4	5.1	5.6	39
CR41KQ-PFV-980WB	41,700	208/230-1	10.3	18.7	19.4	109.4
CR41KQ-TF5-980WB	40,700	200/230-3	10.2	11.5	13.1	42
CR41KQ-TFD-980WB	41,200	460-3	10.3	5.8	5.9	42
CR47KQ-PFV-980WB	47,500	208/230-1	10.4	22	24.6	132
CR47KQ-TF5-980WB	47,200	200/230-3	10.4	13.7	16	97
CR47KQ-TFD-980WB	47,200	460-3	10.4	6.9	8.2	50
CR53KQ-PFV-980WB	53,300	208/230-1	10.1	24.1	29	140
CR53KQ-TF5-980WB	53,200	200/230-3	10.1	16	18	107
CR53KQ-TFD-980WB	53,200	460-3	10.2	8	9.1	55

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Scroll Compressors for Air Conditioning



ZR Models

R-22



Mfg Part No	Nominal Performance (BTU/h)			Amperage Ratings		
	45/130/65/115 F	45/100/65/85 F	Volts (60 Hz)/Ph.	RLA	LRA	MCC
ZR18K3-PFV-930	18,100	21,200	208/230-1	9.3	47	13
ZR28K3-PFV-930	28,200	33,300	208/230-1	15	76	21
ZR34K3-PFV-930	33,900	39,900	208/230-1	20	90.5	28
ZR40K3-PFV-930	39,600	46,500	208/230-1	22	107	31
ZR57K3-TF5-950	57,200	67,300	200/230-3	19.3	123	27
ZR57K3-TFD-950	57,200	67,300	460-3	10	62	14
ZR57K3-TFE-950	57,200	67,300	575-3	7.9	50	11
ZR57K3-PFV-950	57,500	67,300	208/230-1	32.1	169	45
ZR61K3-TF5-950	61,000	72,000	200/230-3	19.3	123	27
ZR61K3-TFD-950	61,000	72,000	460-3	10	62	14
ZR61K3-TFE-950	61,000	72,000	575-3	7.9	50	11
ZR61K3-PFV-950	61,200	72,000	208/230-1	32.1	169	45
ZR72K3-TF5-950	73,500	85,900	208/230-3	20.7	156	29
ZR72K3-TFD-950	73,500	85,900	460-3	10	70	14
ZR72K3-TFE-950	73,500	85,900	575-3	8.2	54	11.5
ZR11M3-TWC-961	108,300	127,900	208/230-3	34.3	232	46.6
ZR11M3-TWD-961	108,300	127,900	460-3	17.5	125	23.8
ZR11M3-TWE-961	108,300	127,900	575-3	13.2	100	18
ZR12M3-TWC-961	125,500	148,200	208/230-3	38.6	278	52.4
ZR12M3-TWD-961	125,500	148,200	460-3	18.9	127	25.7
ZR12M3-TWE-961	125,500	148,200	575-3	15.7	100	21.3
ZR16M3-TWC-961	154,300	181,400	208/230-3	47.1	350	64
ZR16M3-TWD-961	154,300	181,400	460-3	25	158	34
ZR16M3-TWE-961	154,300	181,400	575-3	19.9	125	27
ZR19M3-TWC-961	189,400	223,800	208/230-3	60.3	425	75
ZR19M3-TWD-961	189,400	223,800	460-3	27.2	187	37
ZR19M3-TWE-961	189,400	223,800	575-3	23.5	148	33
ZR84K3-TF5-950	84,000	98,500	200/230-3	28.6	196	40
ZR84K3-TFD-950	84,000	98,500	460-3	14.2	100	20
ZR84K3-TFE-950	84,000	98,500	575-3	9.7	90	13.5
ZR94K3-TF5-950	94,000	110,500	200/230-3	32.1	195	45
ZR94K3-TFD-950	94,000	110,500	460-3	16.4	95	23
ZR94K3-TFE-950	94,000	110,500	575-3	12	80	16.8
ZR108K3-TF5-950	108,700	126,900	200/230-3	33.6	225	47
ZR108K3-TFD-950	108,700	126,900	460-3	17.3	114	24.2
ZR108K3-TFE-950	108,700	126,900	575-3	13.5	80	18.9
ZR125K3-TF5-950	125,500	147,700	200/230-3	42	239	58.9
ZR125K3-TFD-950	125,500	147,700	460-3	19.2	125	26.9
ZR125K3-TFE-950	125,500	147,700	575-3	13.8	80	19.3

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Scroll Compressors for Commercial Refrigeration



R-404A/R-507

Low Temperature, Liquid Injected



Mfg Part No	Capacity (BTU/hr)	Volts (60 Hz)/Phase	Amperage Ratings		
			RLA	LRA	MCC (Amps)
ZF06K4E-PFV-931	6,500	208/230/1 Ph.	13.6	61	19
ZF06K4E-TF5-931	6,560	200/230/3 Ph.	9.3	55	13
ZF08K4E-PFV-931	8,300	208/230/1 Ph.	16.4	73	23
ZF08K4E-TF5-931	8,310	200/230/3 Ph.	9.7	63	13.5
ZF09K4E-PFV-931	9,300	208/230/1 Ph.	16.4	88	20.5
ZF09K4E-TF5-931	9,300	200/230/3 Ph.	11.1	77	13.5
ZF09K4E-TFD-931	9,300	460/3 Ph.	5.7	39	7
ZF09K4E-TFE-931	9,300	575/3 Ph.	4.3	31	5.5
ZF11K4E-PFV-931	11,500	208/230/1 Ph.	20.7	109	25.5
ZF11K4E-TF5-931	11,500	200/230/3 Ph.	13.6	88	17
ZF11K4E-TFD-931	11,500	460/3 Ph.	7.1	44	9
ZF11K4E-TFE-931	11,500	575/3 Ph.	5	34	6.5
ZF13K4E-PFV-961	13,200	208/230/1 Ph.	26.8	129	35
ZF13K4E-TF5-961	13,200	200/230/3 Ph.	15	99	18.5
ZF13K4E-TFD-961	13,200	460/3 Ph.	8.2	49.5	10
ZF13K4E-TFE-961	13,200	575/3 Ph.	6.8	40	10
ZF15K4E-PFV-961	16,400	208/230/1 Ph.	31.8	169	38.5
ZF15K4E-TF5-961	16,400	200/230/3 Ph.	21.4	123	26.5
ZF15K4E-TFD-961	16,400	460/3 Ph.	9.6	62	12.5
ZF15K4E-TFE-961	16,400	575/3 Ph.	7.9	50	9
ZF18K4E-TF5-961	19,500	200/230/3 Ph.	23.9	156	30.5
ZF18K4E-TFD-961	19,500	460/3 Ph.	9.3	70	12.5
ZF18K4E-TFE-961	19,500	575/3 Ph.	7.9	54	11
ZF24K4E-TWC-951	23,400	208/230/3 Ph.	30.9	189	42
ZF33K4E-TWC-951	33,500	208/230/3 Ph.	13-Feb	278	61
ZF33K4E-TWE-951	33,500	575/3 Ph.	16-Jan	100	22.5
ZF48K4E-TWC-951	47,100	208/230/3 Ph.	60	425	77
ZF48K4E-TWE-951	47,100	575/3 Ph.	22-Jan	148	27.5

ZF Model Electrical Accessories

Start Capacitors

Mfg Part No	Description	Used for
914-0036-03	88-108 mfd @ 330 Vac	ZF06/08/09/11
914-0006-10	270-324 mfd @ 330 Vac	ZF13/15

Run Capacitors

Mfg Part No	Description	Used for
914-0037-12	40 mfd @ 370 Vac	ZF06
914-0037-36	45 mfd @ 370 Vac	ZF08
914-0037-37	60 mfd @ 370 Vac	ZF11/13
914-0037-38	80 mfd @ 370 Vac	ZF15
914-0037-40	50 mfd @ 370 Vac	ZF09

Potential Relays

Mfg Part No	Description	Used for
940-0001-79	Potential relay	ZF06/08/09/11/13/15

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Copelametic Compressors for Commercial Refrigeration



R-22

High Temperature

Mfg Part No	Nominal Performance (BTU/h)		Volts (60 Hz)/Ph.	Amperage Ratings			Start Cap.		Run Capacitor			Relay Part # (040-)	Motor Protector # (071-)
	45/130/65/130 F	20/120/65/120 F		RLA	LRA	MCC	MFD	Volts	MFD	Volts			
HAG2-0050-CAA	5,410	3,270	115-1	8.6	44	12	400-480	110	10	370	0001-22	0099-03	
HAG2-0050-CAV	5,410	3,270	208/230-1	4.4	22	5.6	108-130	330	10	370	0001-03	0092-27	
HAG1-0050-TAC	5,280	3,170	208/230-3	2.4	13	3.3	—	—	—	—	—	0090-42	
KAN2-0075-CAA	8,360	5,090	115-1	11.7	65	16.4	541-634	110	30	370	0001-22	0099-06	
KAN2-0075-CAV	8,360	5,090	208/230-1	6.1	36	8.5	145-174	220	10	370	0001-03	0092-41	
KAN1-0075-TAC	8,560	4,990	208/230-3	3.5	19.9	4.9	—	—	—	—	—	0090-41	
KAR2-0100-CAA	11,900	7,360	115-1	15.4	93	21.5	430-516	125	40	330	0001-11	0099-05	
KAR2-0100-CAV	11,900	7,360	208/230-1	7.4	40	10.3	145-174	220	20	440	0001-04	0092-39	
KAR1-0100-TAC-800	11,500	7,130	208/230-3	4.3	27	6	—	—	—	—	—	0090-40	
KAR1-0100-TAD	11,500	7,130	460-3	2.2	13.5	3.1	—	—	—	—	—	0090-43	
KAM2-0100-CAA	13,800	8,350	115-1	15.5	93	21.7	430-516	125	40	330	0001-11	0099-05	
KAM2-0100-CAV	13,800	8,350	208/230-1	7.5	40	10.5	145-174	220	20	440	0001-04	0092-39	
KAM1-0100-TAC-800	13,300	8,150	208/230-3	4.5	27	6.3	—	—	—	—	—	0090-40	
KAM1-0100-TAD	13,300	8,150	460-3	2.2	13.5	3.1	—	—	—	—	—	0090-43	
KAGB-0150-CAV	15,300	8,960	208/230-1	9.6	55	13.4	130-156	330	25	480	0001-00	0099-04	
ERA2-0200-CAB	20,100	10,430	230-1	10.4	58	14.5	130-156	330	25	440	0001-00	0103-02	
ERA1-0200-TAC-800	20,000	10,100	208/230-3	6.6	46	9.2	—	—	—	—	—	0090-00	
ERA1-0200-TAD	20,000	10,100	460-3	3.5	46	4.9	—	—	—	—	—	0090-08	
ERA1-0200-TAE	20,000	10,100	575-3	3.5	23	4.9	—	—	—	—	—	0090-08	
EAD2-0320-CAB	30,700	18,900	230-1	16	102	22.4	189-227	330	40	440	0001-08	0119-02	
EAD1-0320-TAC-800	31,800	19,300	208/230-3	12.4	85	17	—	—	—	—	—	0090-38	
EAD1-0320-TAD	31,800	19,300	460-3	5.2	42	7.3	—	—	—	—	—	0090-03	
ERF2-0310-CAB-800	35,900	21,700	230-1	17	86	24.3	130-156	330	40	440	0001-08	0119-00	
ERF1-0311-TAC	35,200	21,800	208/230-3	12.4	82	17	—	—	—	—	—	0090-36	
ERF1-0311-TAD	35,200	21,800	460-3	5.8	41	8.1	—	—	—	—	—	0090-10	
NRB2-0400-TFC	50,100	29,600	208/230-3	21.8	141	30.5	—	—	—	—	—	Internal	
NRB2-0400-TFD	50,100	29,600	460-3	11.3	62.5	15.8	—	—	—	—	—	Internal	
NRB2-0400-TFE-800	50,100	29,600	575-3	9.2	53.4	12.9	—	—	—	—	—	Internal	
NRA2-0500-TFC-800	57,600	35,100	208/230-3	19.2	141	26.9	—	—	—	—	—	Internal	
NRA2-0500-TFD-800	57,600	35,100	460-3	9.6	62.5	13.5	—	—	—	—	—	Internal	
NRA2-0500-TFE-800	57,600	35,100	575-3	9.2	53.4	12.9	—	—	—	—	—	Internal	

Medium Temperature

Mfg Part No	Nominal Performance (BTU/h)		Volts (60 Hz)/Ph.	Amperage Ratings			Start Cap.		Run Capacitor			Relay Part # (040-)	Motor Protector # (071-)
	20/120/65/120 F	0/110/65/110 F		RLA	LRA	MCC	MFD	Volts	MFD	Volts			
HAJ2-0050-CAA	3,800	2,430	115-1	8.5	44	11.9	400-480	110	10	370	0001-22	0099-03	
HAJ2-0050-CAV	3,800	2,430	208/230-1	3.7	22	5.2	108-130	330	10	370	0001-03	0090-27	
HAJ1-0050-TAC	3,700	2,400	208/230-3	2.2	13	3.1	—	—	—	—	—	0090-42	
KAE2-0075-CAA	6,090	3,970	115-1	10.9	65	15.2	541-634	110	30	370	0001-22	0099-06	
KAE2-0075-CAV	6,090	3,970	208/230-1	5.4	36	7.6	145-174	220	10	370	0001-03	0092-29	
KAE1-0075-TAC	6,080	3,950	208/230-3	3.4	19.9	4.7	—	—	—	—	—	0090-41	
ERC2-0200-CAB	14,400	8,910	230-1	10.9	58	15.2	130-156	330	25	440	0001-00	0099-01	
ERC1-0200-TAC	14,500	8,900	208/230-3	6.8	46	9.5	—	—	—	—	—	0090-00	
ERC1-0200-TAD	14,500	8,900	460-3	3.6	23	5.1	—	—	—	—	—	0090-08	
3RA2-0310-CAB	25,800	16,500	230-1	17.8	86	24.9	130-156	330	40	440	0001-08	0119-02	
3RA1-0311-TAC	25,800	16,500	208/230-3	14.2	82	19.8	—	—	—	—	—	0090-32	
3RA1-0311-TAD	25,800	16,500	460-3	6.3	41	8.8	—	—	—	—	—	0090-22	
NRM1-0500-TFC-800	43,400	28,600	208/230-3	24.3	141	34	—	—	—	—	—	Internal	
NRM1-0500-TFD	43,400	28,600	460-3	12.1	62.5	16.9	—	—	—	—	—	Internal	
NRM1-0500-TFE-800	43,400	28,600	575-3	9.2	53.4	12.9	—	—	—	—	—	Internal	

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Copelametic Compressors for Commercial Refrigeration



R-22

Low Temperature

Mfg Part No	Nominal Performance (BTU/h)		Volts (60 Hz)/Ph.	Amperage Ratings			Start Cap.			Run Capacitor			Relay Part # (040-)	Motor Protector # (071-)
	-25/105/65/105 F	-40/105/65/105 F		RLA	LRA	MCC	MFD	Volts	MFD	Volts				
HAFB-0033-IAA	695	160	115-1	5.4	31	7.5	324-389	115	—	—	0001-01	0092-04		
HATB-0051-CAA	1,930	1,080.00	115-1	10.4	58	14.6	400-480	115	10	370	0001-11	0099-03		
KANB-0050-CAV	1,340	538.00	208/230-1	3.6	24	5	108-130	330	10	370	0001-03	0092-37		
KAMA-0075-TAC-800	2,470	1,270	208/230-3	3.2	19.9	4.5	—	—	—	—	—	0092-41		
KAKB-0200-CAV-800	4,030	2,340	208/230-1	10.6	55	12.8	130-156	330	25	440	0001-61	0099-04		
KAKA-0200-TAC-800	3,800	2,100	208/230-3	6.8	55	9.5	—	—	—	—	—	0090-35		
EADB-0200-CAB	5,590	2,850	230-1	8.4	58	11.8	130-156	330	25	440	0001-00	0092-18		
EADA-0200-TAC	5,710	3,040	208/230-3	6.8	46	9.5	—	—	—	—	—	0090-00		
EADA-0200-TAD	5,710	3,040	460-3	3.1	20.4	4.3	—	—	—	—	—	0090-15		
EAVB-0210-CAV	6,820	3,960	208/230-1	14.7	102	20.6	189-227	330	40	440	0001-08	0119-02		
EAVA-0210-TAC	6,470	3,820	208/230-3	7.4	50	10.3	—	—	—	—	—	0090-35		
EAVA-0210-TAD	6,470	3,820	460-3	3.9	26.6	5.4	—	—	—	—	—	0090-41		
3AJB-0210-CAB	8,310	4,440	230-1	14.4	86	20.2	189-227	330	40	440	0001-08	0119-05		
3AJA-0210-TAC	8,420	4,360	208/230-3	10	82	14	—	—	—	—	—	0090-44		
LAHB-0311-CAB-800	9,890	5,060	230-1	16.6	93	23.2	189-227	330	40	440	0001-08	0119-05		
LAHA-0310-TAC-800	9,840	5,270	208/230-3	10.7	82	12.2	—	—	—	—	—	0090-19		
LAHA-0310-TAD	9,840	5,270	460-3	5.2	41	7.2	—	—	—	—	—	0090-03		

Accessories

Start Capacitors

Mfg Part No	MFD	Volts
014-0036-05	108-130	330
014-0006-01	130-156	330
014-0008-51	145-174	220
014-0008-50	161-193	220
014-0006-03	189-227	330
014-0008-58	324-389	110/115
014-0008-49	400-480	110/115
014-0008-52	430-516	125
014-0008-63	541-634	110

Run Capacitors

Mfg Part No	MFD	Volts
014-0037-29	7.5	330
014-0037-04	10	370
014-0037-14	20	440
014-0037-15	25	440
014-0037-23	25	480
014-0037-10	30	370
014-0037-03	40	330
014-0037-18	40	440

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Copelametic Compressors for Commercial Refrigeration



Accessories

Relay Data

Mfg Part No	G.E. No.	R.B.M. No.
040-0001-00	3ARR3CT6D5	128146-1653DK
040-0001-01	3ARR3CT7M5	128146-1613MK
040-0001-03	3ARR3CT3E5	128146-1633EK
040-0001-04	3ARR3CT24E5	128146-1643EK
040-0001-08	3ARR3CT4D5	128146-1663DK
040-0001-11	3ARR3CT5P5	128146-1633PK
040-0001-22	3ARR3CT7J5	128146-1613JK
040-0001-30	3ARR3CT23AA5	128146-1633AK

R-404A/R-507

Medium Temperature

Mfg Part No	Volts (60 Hz)/Phase	20/120/65/120 F				0/110/65/110 F				Amperage Ratings			Motor Protector # (071-)
		BTU/h	Watts	Amps	EER	BTU/h	Watts	Amps	EER	RLA	LRA	MCC	
HJJB-005E-CAV	208/230-1	3,910	685	3.3	5.7	2,640	559	2.8	4.7	3.7	22	5.2	0092-27
KARA-010E-TAC-800	208/230-3	7,220	1,280	4.1	5.6	5,080	1,000	3.5	5.1	4.3	27	6	0090-40
KARB-010E-CAV	208/230-1	7,490	1,320	6.2	5.7	5,200	1,050	5	5	7.4	40	10	0092-39
KAKA-020E-TAC	208/230-3	11,900	1,850	6.4	6.4	8,190	1,460	5.5	5.6	6.8	50	9.1	0090-35
KAKB-021E-CAV	208/230-1	12,100	2,130	10	5.7	8,670	1,820	8	4.8	10.6	55	14.2	0099-04
ERCA-021E-TAC-800	208/230-3	15,100	2,480	7	6.1	10,500	1,920	6	5.5	8.8	46	12.3	0090-49
ERFA-031E-TAC	208/230-3	22,300	3,460	10	6.5	15,400	2,700	9	5.7	12.4	82	17.4	0090-36
ERFA-031E-TAD	460-3	22,300	3,460	5	6.5	15,400	2,700	4	5.7	5.8	41	8.1	0090-10
ERFA-031E-TAE	575-3	22,300	3,460	4	6.5	15,400	2,700	3	5.7	5.2	30	7	0090-16
3RAA-031E-TAC-800	208/230-3	26,200	4,240	12	6.2	17,500	3,220	10	5.4	14.2	82	19.8	0090-32
NRB2-040E-TFC	208/230-3	29,900	4,770	16	6.3	19,900	3,690	13	5.4	21.8	141	30.6	Internal

Our partnerships benefit you!

Meier Supply is proud to be affiliated with the Key Wholesalers Group Association, a premier customer-focused wholesale distribution network serving the Refrigeration and HVAC industries.

- **Key Wholesalers Group Association consists of 22 of the finest refrigeration wholesalers in the HVAC business**
- **Collaborating with this nationwide network of suppliers gives us greater buying power to provide YOU the best combination of competitive pricing, quality products and technical support**

Meier Supply Company is also a proud member of CGNA (Controls Group of North America). Members and vendor partners of CGNA gain a distinct advantage allowing them to sell more, team up and dominate their markets.

- **CGNA has over 140 warehouses in North America**
- **A combined inventory of over \$60 million**
- **More than 200,000 items in stock**
- **Purchasing power of over half a billion dollars**

Our memberships in CGNA and Key Wholesalers Group Association are just two examples of the many ways that our partnerships with industry colleagues benefit YOU. We believe in the power of teamwork! We show it by passing the benefits on to our customers with competitive pricing, value-added service, quality products and exceptional support.

COPELAND BRAND PRODUCTS



Meier Supply Co., Inc.
HVAC/R Specialists

COPELAND BRAND PRODUCTS

Copelametic Compressors for Commercial Refrigeration



R-404A/R-507

Low Temperature

Mfg Part No	Volts (60 Hz)/Phase	-25/105/65/105 F				-45/105/65/105 F				Amperage Ratings			Motor Protector # (071-)
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)	RLA	LRA	MCC	
HAFB-003E-IAA	115-1	882	310	5	2.9	447	234	5	1.9	5.4	31	7.5	0092-04
KANA-006E-TAC	208/230-3	1,410	421	2	3.3	616	282	2	2.2	2.2	13.2	3.1	0090-21
KANB-005E-IAA	115-1	1,510	443	4	3.4	705	313	3	2.3	8	45	11.2	0092-06
KANB-005E-CAV	208/230-1	1,510	443	2	3.4	705	313	2	2.3	3.6	24	4.9	0092-37
KAEA-007E-TAC	208/230-3	1,980	556	2	3.6	932	389	2	2.4	3.4	19.9	4.6	0090-41
KAEB-007E-CAA	115-1	2,030	611	7	3.3	1,000	467	6	2.1	10.9	65	15.1	0099-06
KAEB-007E-CAV	208/230-1	2,030	611	4	3.3	1,000	467	3	2.1	5.4	36	7.6	0092-29
HATB-005E-CAA	115-1	2,070	595	9	3.5	1,180	470	8	2.5	10.4	58	14.6	0099-03
KAMA-007E-TAC	208/230-3	2,610	679	3	3.8	1,390	502	2	2.8	3.2	19.9	4.5	0090-41
KAMB-007E-CAA-800	115-1	2,800	730	8	3.8	1,750	578	7	3	10.9	85.5	15.3	0092-40
KAMB-007E-CAV	208/230-1	2,800	730	4	3.8	1,750	578	3.4	3	5.6	36	7.9	0092-29
KAJA-011E-TAC	208/230-3	3,710	929	3.6	4	2,110	695	3.2	3	4.6	27	6.4	0090-50
KAJA-011E-TAD	460-3	3,710	929	1.8	4	2,110	695	1.6	3	2.1	15	2.8	0090-42
KAJB-010E-CAV-800	208/230-1	3,810	914	4.5	4.2	2,210	711	3.7	3.1	6.9	40	9.7	0092-39
KAKB-011E-CAV-800	208/230-1	4,410	1,280	5.9	3.5	2,430	1,070	5	2.3	7.9	40	11	0092-42
KALA-016E-TAC-800	208/230-3	5,610	1,310	5.3	4.3	3,010	951	4.7	3.2	6.6	50	9.3	0090-35
KALA-016E-TAD	460-3	5,610	1,310	2.6	4.3	3,010	951	2.4	3.2	3.4	25	4.8	0090-16
KALB-015E-CAV-800	208/230-1	5,690	1,440	7	4	3,320	1,130	5.8	2.9	9.9	55	13.9	0099-04
EADA-020E-TAC-800	208/230-3	6,260	1,480	4.8	4.2	3,420	1,060	3.9	3.2	6.8	46	9.5	0090-00
EADB-021E-CAB	230-1	6,290	1,560	7.2	4	3,570	1,190	5.7	3	10	58	14	0099-03
EAVA-021E-TAC-800	208/230-3	6,970	1,620	5.6	4.3	3,790	1,170	4.7	3.2	7.4	50	10.3	0090-35
EAVA-021E-TAD	460-3	6,970	1,620	2.8	4.3	3,790	1,170	2.4	3.2	3.9	26.6	4.5	0090-13
EAVA-021E-TAE	575-3	6,970	1,620	2.2	4.3	3,790	1,170	1.9	3.2	3.1	20	4.4	0090-52
EAVB-021E-CAV-800	208/230-1	7,510	1,900	9.2	4	4,270	1,490	7.6	2.9	14.7	102	20.6	0119-05
3ABA-031E-TAC-800	208/230-3	8,440	1,940	6.9	4.4	4,050	1,320	5.9	3.1	10	82	14	0090-37
3ABB-032E-CAB-800	230-1	8,530	2,150	9.8	4	5,040	1,770	8.1	2.9	14.7	86	20.6	0119-02
LAHB-032E-CAB-800	230-1	11,200	2,780	13.2	4	5,450	2,080	10.5	2.6	16.7	105	23.4	0119-05
LAHA-032E-TAC-800	208/230-3	11,200	2,440	9.4	4.6	5,660	1,730	8.4	3.3	12.8	112	17.9	0090-47
LAHA-032E-TAD	460-3	11,200	2,440	4.7	5	5,660	1,730	4.2	3.3	6	56	8.4	0090-53
LAHA-032E-TAE-800	575-3	11,200	2,440	3.8	5	5,660	1,730	3.4	3.3	4.1	30	5.8	0090-14
LALA-032E-TAC-800	208/230-3	13,000	2,930	10.5	4	7,460	2,180	9	3.4	12.6	112	17.6	0090-47
LALA-032E-TAD	460-3	13,000	2,930	5.2	4	7,460	2,180	4.5	3.4	6.2	56	8.7	0090-46
NRD1-040E-CFB	230-1	13,600	3,610	17.3	4	7,440	2,680	13.5	2.8	27.7	115	38.8	Internal
NRD1-032E-TFC	208/230-3	14,300	3,470	11.4	4	7,640	2,390	9.1	3.2	16.3	82	22.8	Internal
NRD1-032E-TFD	460-3	14,300	3,470	5.7	4	7,640	2,390	4.6	3.2	8.4	41	11.8	Internal

Extra Low Temperature

Mfg Part No	Volts (60 Hz)/Phase	-25/105/60/105 F				-40/105/65/105 F				Amperage Ratings			Motor Protector # (071-)
		BTU/h	Watts	Amps	EER (BTU/Wh)	BTU/h	Watts	Amps	EER (BTU/Wh)	RLA	LRA	MCC	
HAJB-003E-IAA	115-1	1,230	425	5.6	3	614	312	4.8	2	4.7	31	6.6	0092-04
KAGB-005E-IAA-800	115-1	2,930	832	9.6	4	1,650	602	7.9	2.7	7.8	45	10.9	0092-06
KAAB-007E-CAA-800	115-1	4,200	1,130	12	4	2,460	813	9.1	3	10.2	59.8	14.3	0099-00
KALB-010E-CAV-800	208/230-1	5,380	1,330	6.2	4	3,090	1,000	4.8	3.1	6.9	40	9.7	0092-39
KATA-015E-TAC-800	208/230-3	6,700	1,650	5.4	4	4,390	1,290	4.6	3.4	5	35.5	7	0090-03
KATB-015E-CAV-800	208/230-1	6,900	1,700	8.2	4	4,160	1,340	6.7	3.1	9.6	55	12.6	0099-04
LALB-032E-CAB-800	230-1	12,700	3,240	15.2	4	6,830	2,520	12.3	2.7	15	105	21	0119-05
LACB-032E-CAB-800	230-1	14,700	3,370	15.8	4	8,320	2,600	12.6	3.2	15.5	105	21.7	0119-05
LACA-032E-TAD	460-3	14,600	3,070	5.4	5	8,130	2,200	4.6	3.7	6	56	8.4	0090-53

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Discus Compressors for Air Conditioning



R-22



Mfg Part No	Nominal Performance (BTU/h)	Volts (60 Hz)/Ph.	Amperage Ratings			Motor Protector # (071-)
			RLA	LRA	MCC	
2DC3R53K0-TFC	62,700	208/230-3	22.3	120	31.2	Internal
2DC3R53K0-TFD	62,700	460-3	10.4	60	14.6	Internal
2DC3R53K0-TFE	62,700	575-3	7.7	49	10.8	Internal
2DD3R63K0-TFC	72,800	208/230-3	22.3	120	31.2	Internal
2DD3R63K0-TFD	72,800	460-3	10.5	60	14.7	Internal
2DD3R63K0-TFE	72,800	575-3	7.9	49	11.1	Internal
2DL3R78K0-TFC	90,800	208/230-3	31.6	169	44.2	Internal
2DL3R78K0-TFD	90,800	460-3	13.8	85	19.3	Internal
2DL3R78K0-TFE	90,800	575-3	13.2	67	18.5	Internal
2DA3R89K0-TFC	103,000	208/230-3	32	169	44.8	Internal
2DA3R89K0-TFD	103,000	460-3	14.1	85	19.4	Internal
2DA3R89K0-TFE	103,000	575-3	13.3	67	18.5	Internal
3DA3R10M0-TFC	123,900	208/230-3	41	215	57.4	Internal
3DA3R10M0-TFD	123,900	460-3	20	106	28	Internal
3DA3R10M0-TFE	123,900	575-3	16.5	84	23	Internal
3DB3R12M0-TFC	145,900	208/230-3	43.6	215	61	Internal
3DB3R12M0-TFD	145,900	460-3	20	106	28	Internal
3DB3R12M0-TFE	145,900	575-3	16.5	84	23	Internal
3DS3R17M0-TFC	194,000	208/230-3	59.6	275	83.5	Internal
3DS3R17M0-TFD	194,000	460-3	29	138	40.6	Internal
3DS3R17M0-TFE	194,000	575-3	23.6	110	33	Internal
4DE3R18M0-TSK	216,000	208/230-3 460-3	66.0 / 33.0	308.0 / 154.0	93.2 / 46.6	—
4DE3R18M0-TSE	216,000	575-3	24.7	135	34.6	—
4DE3R18M0-FSD	216,000	460-3	33.6	173	47	—
4DB3R20M0-TSK	247,300	208/230-3 460-3	65.6 / 32.8	374.0 / 187.0	91.8 / 45.9	—
4DB3R20M0-TSE	247,300	575-3	26.5	135	37.1	—
4DB3R20M0-FSD	247,300	460-3	32.5	180	45.5	—
4DC3R20M0-TSK	247,000	208/230-3 460-3	65.6 / 32.8	374.0 / 187.0	91.8 / 45.9	SS module
4DH3R22M0-TSK	273,000	208/230-3 460-3	82.2 / 41.1	428.0 / 214.0	115.0 / 57.5	—
4DH3R22M0-TSE	273,000	575-3	34.4	172	48.1	—
4DH3R22M0-FSD	273,000	460-3	41	206	56.8	—
4DJ3R28M0-TSK	317,900	208/230-3 460-3	94.0 / 47.0	470.0 / 235.0	131.6 / 65.8	—
4DJ3R28M0-TSE	317,900	575-3	39	200	55	—
4DJ3R28M0-FSD	317,900	460-3	46	235	63	—
6DB3R32M0-TSK	356,400	208/230-3 460-3	105.0 / 47.8	565.0 / 235.0	147.0 / 51.8	—
6DB3R32M0-TSE	356,400	575-3	40	230	56	—
6DB3R32M0-FSD	356,400	460-3	50	260	70	—
6DH3R35M0-TSK	387,200	208/230-3 460-3	107.0 / 53.5	565.0 / 283.0	150.0 / 53.5	—
6DH3R35M0-TSE	387,200	575-3	42.5	230	59.5	—
6DH3R35M0-FSD	387,200	460-3	55	260	77	—
6DG3R37M0-TSN	422,100	230-3 460-3	125.0 / 62.5	594.0 / 297.0	175.0 / 87.5	—
6DG3R37M0-TSE	422,100	575-3	46	245	64.4	—
6DG3R37M0-FSD	422,100	460-3	66	315	92.4	—
6DG3R37M0-FSU	422,100	200-3	135	650	189	—
6DJ3R40M0-TSN	466,700	230-3 460-3	142.0 / 71.0	594.0 / 297.0	198.0 / 99.0	—
6DJ3R40M0-TSE	466,700	575-3	53.5	245	74.9	—
6DJ3R40M0-FSD	466,700	460-3	70	315	98	—
6DJ3R40M0-FSU	466,700	200-3	150	754	210	—
8DP1R56M0-TSK	565,700	208/230-3 460-3	180.0 / 90.0	1,070.0 / 535.0	252.0 / 126.0	—
8DP1R56M0-TSE	565,700	575-3	75	405	105	—
8DP1R56M0-FSD	565,700	460-3	91	510	127	—
8DS1R67M0-TSK	644,200	208/230-3 460-3	224.0 / 112.0	1,070.0 / 535.0	314.0 / 157.0	—
8DS1R67M0-TSE	644,200	575-3	80	405	112	—
8DS1R67M0-FSD	644,200	460-3	96.5	510	135	—

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Discus Compressors for Commercial Refrigeration



R-22

Low Temperature



Mfg Part No	Nominal Performance (BTU/h)			Amperage Ratings				Motor Protector # (071-)
	-25/105/65/105 F	-40/105/65/105 F	Volts (60 Hz)/Ph.	RLA	LRA	MCC		
2DF3F16K0-TFC	13,400	7,170	208/230-3	16.8	102	22.3	Internal	
2DF3F16K0-TFD	13,400	7,170	460-3	8.1	52	11.1	Internal	
2DF3F16K0-TFE	13,400	7,170	575-3	6.7	41	9.4	Internal	
2DL3F20K0-TFC	16,100	8,660	208/230-3	26.3	161	33.8	Internal	
2DL3F20K0-TFD	16,100	8,660	460-3	10.2	60	12.2	Internal	
2DL3F20K0-TFE	16,100	8,660	575-3	8	49	10.5	Internal	
2DA3F23K0-TFC	18,800	10,170	208/230-3	29	161	35.6	Internal	
2DA3F23K0-TFD	18,800	10,170	460-3	10	60	13.6	Internal	
2DA3F23K0-TFE	18,800	10,170	575-3	9	49	11.8	Internal	
2DB3F25K0-TFC	20,500	11,500	208/230-3	28	161	35.6	Internal	
2DB3F25K0-TFD	20,500	11,500	460-3	13	80	18	Internal	
2DB3F25K0-TFE	20,500	11,500	575-3	10	63	13.4	Internal	
3DA3F28K0-TFC	23,200	12,980	208/230-3	30	150	37.5	Internal	
3DA3F28K0-TFD	23,200	12,980	460-3	17	77	16.8	Internal	
3DA3F28K0-TFE	23,200	12,980	575-3	11	62	14.7	Internal	
3DB3F33K0-TFC	29,000	16,750	208/230-3	31.5	161	44	Internal	
3DB3F33K0-TFD	29,000	16,750	460-3	16.1	83	22	Internal	
3DB3F33K0-TFE	29,000	16,750	575-3	11	67	15.4	Internal	
3DF3F40K0-TFC	34,400	19,530	208/230-3	39	215	51.8	Internal	
3DF3F40K0-TFD	34,400	19,530	460-3	16.9	106	23.4	Internal	
3DF3F40K0-TFE	34,400	19,530	575-3	16.5	84	19.7	Internal	
3DS3F46K0-TFC	37,500	21,240	208/230-3	42	215	49.2	Internal	
3DS3F46K0-TFD	37,500	21,240	460-3	18.6	106	22.9	Internal	
3DS3F46K0-TFE	37,500	21,240	575-3	16.8	84	22.7	Internal	
4DL3F63K0-TSK	52,300	29,080	208/230-3, 460-3	52.6, 26.3	278.0, 139.0	736., 36.8	SS Module	
4DL3F63K0-TSE	52,300	29,080	575-3	20.9	113	25	SS Module	
4DL3F63K0-FSD	52,300	29,080	460-3	24.5	136	28	SS Module	
4DT3F76K0-TSK	62,500	35,900	208/230-3, 460-3	66.0, 33.0	374.0, 187.0	72.0, 36.0	SS Module	
4DT3F76K0-TSE	62,500	35,900	575-3	24.2	135	28	SS Module	
4DT3F76K0-FSD	62,500	35,900	460-3	33.9	180	39	SS Module	
6DL3F93K0-TSK	78,300	43,400	208/230-3, 460-3	80.8, 40.4	450.0, 225.0	95.0, 47.5	SS Module	
6DL3F93K0-TSE	78,300	43,400	575-3	39.6	200	44	SS Module	
6DL3F93K0-FSD	78,300	43,400	460-3	42.8	235	50	SS Module	
6DT3F11M0-TSK	93,400	53,900	208/230-3, 460-3	95.6, 47.8	470.0, 235.0	106.0, 53.0	SS Module	
6DT3F11M0-TSE	93,400	53,900	575-3	39.6	200	44	SS Module	
6DT3F11M0-FSD	93,400	53,900	460-3	42.8	235	49.5	SS Module	

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Discus Compressors for Commercial Refrigeration



R-22

Medium Temperature

Mfg Part No	Nominal Performance (BTU/h)			Amperage Ratings				Motor Protector # (071-)
	20/120/65/120 F	0/110/65/ 110 F	Volts (60 Hz)/Ph.	RLA	LRA	MCC		
2DC3R53K0-CFB	32,700	—	230-1	29.9	125	42.3	Internal	
2DC3R53K0-TFC	34,900	21,300	208/230-3	22.3	120	31.2	Internal	
2DC3R53K0-TFD	34,900	21,300	460-3	10.4	60	14.6	Internal	
2DC3R53K0-TFE	34,900	21,300	575-3	7.7	40	10.6	Internal	
2DD3R63K0-TFC	41,000	25,400	208/230-3	31.2	120	31.2	Internal	
2DD3R63K0-TFD	41,000	25,400	460-3	10.5	60	14.7	Internal	
2DD3R63K0-TFE	41,000	25,400	575-3	7.9	40	11.1	Internal	
2DL3R78K0-TFC	52,400	32,900	208/230-3	31.6	169	44.2	Internal	
2DL3R78K0-TFD	52,400	32,900	460-3	13.8	85	19.3	Internal	
2DL3R78K0-TFE	52,400	32,900	575-3	13.2	67	18.5	Internal	
2DA3R89K0-TFC	59,400	36,500	208/230-3	32	169	44.8	Internal	
2DA3R89K0-TFD	59,400	36,500	460-3	14.1	85	19.4	Internal	
2DA3R89K0-TFE	59,400	36,500	575-3	13.3	67	18.6	Internal	
3DA3R10M0-TFC	72,800	48,100	208/230-3	41	215	57.4	Internal	
3DA3R10M0-TFD	72,800	48,100	460-3	20	106	28	Internal	
3DA3R10M0-TFE	72,800	48,100	575-3	16.5	84	23	Internal	
3DB3R12M0-TFC	87,200	58,600	208/230-3	43.6	215	61	Internal	
3DB3R12M0-TFD	87,200	58,600	460-3	20	106	28	Internal	
3DB3R12M0-TFE	87,200	58,600	575-3	16.5	84	23.1	Internal	
3DS3R17M0-TFC	116,000	77,500	208/230-3	59.6	275	83.5	Internal	
3DS3R17M0-TFD	116,000	77,500	460-3	29	138	40.6	Internal	
3DS3R17M0-TFE	116,000	77,500	575-3	23.6	110	33	Internal	
4DE3R18M0-TSK	123,000	80,800	208/230-3	66	308	93.2	SS Module	
4DE3R18M0-TSE	123,000	80,800	575-3	24.7	135	34.6	SS Module	
4DE3R18M0-FSD	123,000	80,800	460-3	33.6	173	47	SS Module	
4DH3R22M0-TSE	158,000	101,700	575-3	34.4	172	48.1	SS Module	
4DH3R22M0-FSD	158,000	101,700	460-3	40.6	206	56.8	SS Module	
4DJ3R28M0-TSK	187,000	122,000	208/ 230-3, 460-3	94.0, 47.0	470.0, 235.0	131.6, 65.8	SS Module	
4DJ3R28M0-TSE	187,000	122,000	575-3	39.3	200	55	SS Module	
4DJ3R28M0-FSD	187,000	122,000	460-3	45	235	63	SS Module	
6DN3R37M0-TSN	254,000	174,000	208/ 230-3, 460-3	125.0, 62.5	594.0, 297.0	175.0, 87.5	SS Module	
6DN3R37M0-TSE	254,000	174,000	575-3	46	245	64	SS Module	
6DN3R37M0-FSD	254,000	174,000	460-3	66	315	92.4	SS Module	
6DH3R35M0-TSK	230,000	156,000	208/ 230-3, 460-3	107.0, 53.5	565.0, 283.0	150.0, 53.5	SS Module	
6DH3R35M0-TSE	230,000	156,000	575-3	42.2	230	59.1	SS Module	
6DH3R35M0-FSD	230,000	156,000	460-3	55	260	77	SS Module	
6DJ3R40M0-TSN	281,000	189,000	208/ 230-3, 460-3	142.0, 71.0	594.0, 297.0	198.0, 99.0	SS Module	
6DJ3R40M0-TSE	281,000	189,000	575-3	53.5	245	74.9	SS Module	
6DJ3R40M0-FSD	281,000	189,000	460-3	70	315	98	SS Module	
6DJ3R40M0-FSU	281,000	189,000	200-3	150	754	210	SS Module	

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Discus Compressors for Commercial Refrigeration



R-404A

Low Temperature

Mfg Part No	Nominal Performance (BTU/h)		Volts (60 Hz)/Phase	Amperage Ratings			Motor Protector # (071-)
	-25/105/65/105 F	-40/105/65/105 F		RLA	LRA	MCC	
2DF3F16KE-TFC	16,300	9,570	208/230-3	16.8	102	22.4	Internal
2DF3F16KE-TFD	16,300	9,570	460-3	8	52	11	Internal
2DF3F16KE-TFE	16,300	9,570	575-3	7	41	9	Internal
2DL3F20KE-TFC	19,900	11,900	208/230-3	26	161	37	Internal
2DL3F20KE-TFD	19,900	11,900	460-3	10.2	60	14.3	Internal
2DL3F20KE-TFE	19,900	11,900	575-3	7.7	49	10.8	Internal
2DA3F23KE-TFC	23,100	14,100	208/203-3	28.8	161	40.3	Internal
2DA3F23KE-TFD	23,100	14,100	460-3	10.2	60	14.3	Internal
2DA3F23KE-TFE	23,100	14,100	575-3	9.1	49	12.7	Internal
2DB3F25KE-TFC	24,600	14,700	208/230-3	28.2	161	40	Internal
2DB3F25KE-TFD	24,600	14,700	460-3	13.3	80	19	Internal
2DB3F25KE-TFE	24,600	14,700	575-3	9.6	63	13	Internal
3DA3F28KE-TFC	27,800	17,400	208/230-3	30.3	150	37.5	Internal
3DA3F28KE-TFD	27,800	17,400	460-3	13.7	77	16.8	Internal
3DA3F28KE-TFE	27,800	17,400	575-3	10.5	62	14.7	Internal
3DB3F33KE-TFC	33,100	20,600	208/230-3	31.5	161	43	Internal
3DB3F33KE-TFD	33,100	20,600	460-3	16.1	83	22	Internal
3DB3F33KE-TFE	33,100	20,600	575-3	11	67	15.4	Internal
3DF3F40KE-TFC	40,200	25,200	208/230-3	39	215	51.8	Internal
3DF3F40KE-TFD	40,200	25,200	460-3	16.9	106	23.4	Internal
3DF3F40KE-TFE	40,200	25,200	575-3	16.5	84	22	Internal
3DS3F46KE-TFC	45,700	28,700	208/230-3	42	215	58	Internal
3DS3F46KE-TFD	45,700	28,700	460-3	18.6	106	26.0	Internal
3DS3F46KE-TFE	45,700	28,700	575-3	16.8	84	22.70	Internal

**Our Legacy of Excellence...
"Customer Satisfaction Guaranteed!"**

Meier Supply Company, Inc. has a 50-year history of success based on our cornerstone value – "Customer Satisfaction Guaranteed!" Partnering with our customers, we lead the way in education, value, commitment, quality, performance and support.

There are three generations of the Meier family still involved in company operations, led by Frank A. Meier Jr. as President.

What first began in 1957 as a family business with one location, founded by Frank M. Meier and his son, Frank A. Meier Sr., has become a major Northeastern distribution company with more than 15 locations and over 100 employee-owners.

Meier Supply Company is recognized as an industry leader by national and international professional organizations such as HARDI, NATE, Key Wholesalers Group Associations, the Controls Group of North America (CGNA), RSES, ACCA and ASHRAE. In 2006, Meier Supply was recognized as one of Central New York's 50 fastest growing companies with the FAST TRACK 50 award.

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Discus Compressors for Commercial Refrigeration



R-404A

Medium Temperature

Mfg Part No	Nominal Performance (BTU/h)		Volts (60 Hz)/Phase	Amperage Ratings			Motor Protector # (071-)
	20/120/65/120 F	0/110/65/110 F		RLA	LRA	MCC	
2DC3R53KE-TFC	34,600	23,400	208/230-3	22.3	120	31.2	Internal
2DC3R53KE-TFD	34,600	23,400	460-3	10.4	60	14.6	Internal
2DC3R53KE-TFE	34,600	23,400	575-3	7.7	49	10.8	Internal
2DD3R63KE-TFC	41,900	28,600	208/230-3	22.3	120	31.2	Internal
2DD3R63KE-TFD	41,900	28,600	460-3	10.5	60	14.7	Internal
2DD3R63KE-TFE	41,900	28,600	575-3	7.9	49	11.1	Internal
2DL3R78KE-TFC	51,800	35,800	208/230-3	31.6	169	44.2	Internal
2DL3R78KE-TFD	51,800	35,800	460-3	13.8	85	19.4	Internal
2DL3R78KE-TFE	51,800	35,800	575-3	13.2	67	18.5	Internal
2DA3R89KE-TFC	60,100	42,500	208/230-3	32	169	44.8	Internal
2DA3R89KE-TFD	60,100	42,500	460-3	14	85	20	Internal
2DA3R89KE-TFE	60,100	42,500	575-3	13	67	19	Internal
3DA3R10ME-TFC	71,200	49,900	208/230-3	41	215	57	Internal
3DA3R10ME-TFD	71,200	49,900	460-3	20	106	28	Internal
3DA3R10ME-TFE	71,200	49,900	575-3	17	84	23	Internal
3DB3R12ME-TFC	84,800	60,100	208/230-3	44	215	61	Internal
3DB3R12ME-TFD	84,800	60,100	460-3	20	106	28	Internal
3DB3R12ME-TFE	84,800	60,100	575-3	17	84	23	Internal
3DF3R15ME-TFC	104,600	74,300	208/230-3	48	275	67	Internal
3DF3R15ME-TFD	104,600	74,300	460-3	23.6	138	33	Internal
3DS3R17ME-TFC	116,000	82,300	208/230-3	59.6	275	83.5	Internal
3DS3R17ME-TFD	116,000	82,300	460-3	29	138	40.6	Internal
3DS3R17ME-TFE	116,000	82,300	575-3	23.6	110	33	Internal
4DA3R18ME-TSK	120,000	83,200	208/230-3	66	308	82.2	SS Module
4DA3R18ME-FSD	120,000	83,200	460-3	33.6	173	45	SS Module
4DA3R18ME-TSE	120,000	83,200	575-3	24.7	135	33.3	SS Module
4DH3R22ME-TSK	156,000	109,000	208/230-3	82.2	428	104.2	SS Module
4DH3R22ME-FSD	156,000	109,000	460-3	40.6	206	56	SS Module
4DH3R22ME-TSE	156,000	109,000	575-3	34.4	172	46.6	SS Module
4DJ3R28ME-TSK	187,000	131,000	208/230-3	94	470	117.6	SS Module
4DJ3R28ME-FSD	187,000	131,000	460-3	45	235	60.5	SS Module
4DJ3R28ME-TSE	187,000	131,000	575-3	39.3	200	54	SS Module
6DH3R35ME-TSK	236,000	166,000	208/230-3	107	565	150	SS Module
6DH3R35ME-FSD	236,000	166,000	460-3	55	260	75	SS Module
6DH3R35ME-TSE	236,000	166,000	575-3	42.5	230	57	SS Module
6DN3R37ME-FSU	257,000	182,000	200-3	135	650	185	SS Module
6DN3R37ME-TSN	257,000	182,000	230-3	125	594	153.6	SS Module
6DN3R37ME-FSD	257,000	182,000	460-3	66	315	92.4	SS Module
6DN3R37ME-TSE	257,000	182,000	575-3	46	245	64.4	SS Module
6DJ3R40ME-FSU	278,000	198,000	200-3	150	754	208	SS Module
6DJ3R40ME-TSN	278,000	198,000	230-3	142	594	158.8	SS Module
6DJ3R40ME-FSD	278,000	198,000	460-3	70	315	95	SS Module
6DJ3R40ME-TSE	278,000	198,000	575-3	53.5	245	72	SS Module

COPELAND BRAND PRODUCTS



COPELAND BRAND PRODUCTS

Screw Compressors for Refrigeration



R-404A

Low Temperature

Mfg Part No	Nom. Performance@ -25/105/65/37 F			Amperage Ratings			Service Valve Dimensions		Overall Dimensions (L×W×H)	Ship. Weight
	BTU/h	EER (BTU/Wh)	Volts @ 60 Hz (3 Ph.)	RLA	LRA	MCC	Discharge	Suction		
SHL1-2000-TWK	101,700	4.5	208-230/460	81/41	492/246	114/57	1 5/8"	2 1/8"	29.8" × 17.05" × 16.93"	366 lbs.
SHL1-2000-TWE	101,700	4.5	575	—	—	—	1 5/8"	2 1/8"	29.8" × 17.05" × 16.93"	366 lbs.
SHL1-2500-TWK	127,100	4.8	208-230/460	85/42	436/218	120/60	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"	374 lbs.
SHL1-2500-TWE	127,100	4.5	575	—	—	—	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"	374 lbs.
SHL1-3000-TWK	154,500	4.9	208-230/460	104/52	532/266	146/73	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"	392 lbs.
SHL1-3000-TWE	154,500	4.9	575	—	—	—	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"	392 lbs.
SHL1-4000-FWC	184,400	4.9	460	136	655	228	1 5/8"	2 1/8"	35.98" × 20" × 17.13"	515 lbs.
SHL1-4000-FWD	184,400	4.9	208-230	65	313	109	1 5/8"	2 1/8"	35.98" × 20" × 17.13"	515 lbs.
SHL1-4000-TWE	184,400	4.9	575	—	—	—	1 5/8"	2 1/8"	35.98" × 20" × 17.13"	515 lbs.
SHL1-5000-FWC	224,000	5.1	208-230	165	743	240	1 5/8"	2 1/8"	35.98" × 20" × 17.13"	524 lbs.
SHL1-5000-FWD	224,000	5.1	460	79	355	115	1 5/8"	2 1/8"	35.98" × 20" × 17.13"	524 lbs.
SHL1-5000-TWE	224,000	5.1	575	—	—	—	1 5/8"	2 1/8"	35.98" × 20" × 17.13"	524 lbs.
SHL1-6000-FWC	252,800	4.9	208-230	186	939	247	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"	653 lbs.
SHL1-6000-FWD	252,800	4.9	460	89	449	118	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"	653 lbs.
SHL1-6000-TWE	252,800	4.9	575	—	—	—	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"	653 lbs.
SHL1-7000-FWC	298.8	5.1	208-230	215	1,015	299	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"	682 lbs.
SHL1-7000-FWD	298.8	5.1	460	103	485	143	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"	682 lbs.
SHL1-7000-TWE	298.8	5.1	575	—	—	—	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"	682 lbs.
SHL1-7500-FWC	339,700	5.1	208-230	249	1,224	314	2 1/8"	3 1/8"	41.06" × 20.59" × 16.62"	717 lbs.
SHL1-7500-FWD	339,700	5.1	460	119	585	150	2 1/8"	3 1/8"	41.06" × 20.59" × 16.62"	717 lbs.
SHL1-7500-TWE	339,700	5.1	575	—	—	—	2 1/8"	3 1/8"	41.06" × 20.59" × 16.62"	717 lbs.

Medium Temperature

Mfg Part No	Nom. Performance@ 20/120/65/120 F			Amperage Ratings			Service Valve Dimensions		Overall Dimensions (L×W×H)
	BTU/h	EER (BTU/Wh)	Volts @ 60 Hz (3 Ph.)	RLA	LRA	MCC	Discharge	Suction	
SHM1-3000-TWK	166,400	5.7	208-230/460	92/46	436/218	130/65	1 5/8"	2 1/8"	29.8" × 17.05" × 16.93"
SHM1-3000-TWE	166,400	5.7	575	—	—	—	1 5/8"	2 1/8"	29.8" × 17.05" × 16.93"
SHM1-3500-TWK	208,000	6	208-230/460	121/60	532/266	182/91	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"
SHM1-3500-TWE	208,000	6	575	—	—	—	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"
SHM1-4000-TWK	245,400	6	208-230/460	130/65	622/311	285/124	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"
SHM1-4000-TWE	245,400	6	575	—	—	—	1 5/8"	2 1/8"	29.8" × 17.32" × 16.93"
SHM1-5000-FWC	300,200	6.2	208-230	165	743	258	1 5/8"	2 1/8"	35.98" × 20" × 17.13"
SHM1-5000-FWD	300,200	6.2	460	79	355	124	1 5/8"	2 1/8"	35.98" × 20" × 17.13"
SHM1-5000-TWE	300,200	6.2	575	—	—	—	1 5/8"	2 1/8"	35.98" × 20" × 17.13"
SHM1-6000-FWC	353,800	6.2	208-230	205	939	334	1 5/8"	2 1/8"	35.98" × 20" × 17.13"
SHM1-6000-FWD	353,800	6.2	460	98	449	160	1 5/8"	2 1/8"	35.98" × 20" × 17.13"
SHM1-6000-TWE	353,800	6.2	575	—	—	—	1 5/8"	2 1/8"	35.98" × 20" × 17.13"
SHM1-7000-FWC	411,700	6.2	208-230	251	1,015	295	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"
SHM1-7000-FWD	411,700	6.2	460	120	485	141	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"
SHM1-7000-TWE	411,700	6.2	575	—	—	—	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"
SHM1-8000-FWC	471,800	6.2	208-230	263	1,224	343	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"
SHM1-8000-FWD	471,800	6.2	460	126	585	164	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"
SHM1-8000-TWE	471,800	6.2	575	—	—	—	2 1/8"	3 1/8"	40.2" × 20.59" × 16.62"
SHM1-9000-FWC	536,100	6.2	208-230	305	1,435	358	2 1/8"	3 1/8"	43.03" × 20.59" × 16.62"
SHM1-9000-FWD	536,100	6.2	460	146	686	171	2 1/8"	3 1/8"	43.03" × 20.59" × 16.62"
SHM1-9000-TWE	536,100	6.2	575	—	—	—	2 1/8"	3 1/8"	43.03" × 20.59" × 16.62"

COPELAND BRAND PRODUCTS

Albany, NY	518-489-0010	Rochester, NY	585-482-3876	Allentown, PA	610-437-9818	Scranton, PA	570-346-1565
Binghamton, NY	607-724-2451	Syracuse, NY	315-475-3131	Altoona, PA	814-941-7617	Stroudsburg, PA	570-424-5724
Buffalo, NY	716-853-1291	Utica, NY	315-732-4077	Erie, PA	814-459-4559	Wilkes-Barre, PA	570-824-8779
Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606

COPELAND BRAND PRODUCTS

Screw Compressors for Refrigeration



R-22

Medium Temperature

Mfg Part No	Nom. Performance@ 20/120/65/120 F			Amperage Ratings			Service Valve Dimensions		Overall Dimensions (LxWxH)
	BTU/h	EER (BTU/Wh)	Volts @ 60 Hz (3 Ph.)	RLA	LRA	MCC	Discharge	Suction	
SHM2-3000-TWK	178,700	6.7	208-230/460	92/46	436/218	106/53	1 5/8"	2 1/8"	29.8" x 17.05" x 16.93"
SHM2-3000-TWE	178,700	6.7	575	—	—	—	1 5/8"	2 1/8"	29.8" x 17.05" x 16.93"
SHM2-3500-TWK	223,400	7.1	208-230	121/60	532/266	138/69	1 5/8"	2 1/8"	29.8" x 17.32" x 16.93"
SHM2-3500-TWE	223,400	7.1	575	—	—	—	1 5/8"	2 1/8"	29.8" x 17.32" x 16.93"
SHM2-4000-TWK	263,500	7.1	208-230	130/65	622/311	156/78	1 5/8"	2 1/8"	29.8" x 17.32" x 16.93"
SHM2-4000-TWE	263,500	7.1	575	—	—	—	1 5/8"	2 1/8"	29.8" x 17.32" x 16.93"
SHM1-5000-FWC	326,900	7.7	208-230	165	743	215	1 5/8"	2 1/8"	35.98" x 20" x 17.13"
SHM1-5000-FWD	326,900	7.7	460	79	355	103.6	1 5/8"	2 1/8"	35.98" x 20" x 17.13"
SHM1-5000-TWE	326,900	7.7	575	—	—	—	1 5/8"	2 1/8"	35.98" x 20" x 17.13"
SHM1-6000-FWC	384,600	7.7	208-230	205	939	278	1 5/8"	2 1/8"	35.98" x 20" x 17.13"
SHM1-6000-FWD	384,600	7.7	460	98	449	133	1 5/8"	2 1/8"	35.98" x 20" x 17.13"
SHM1-6000-TWE	384,600	7.7	575	—	—	—	1 5/8"	2 1/8"	35.98" x 20" x 17.13"
SHM1-7000-FWC	436,400	7.5	208-230	251	1,015	280	2 1/8"	3 1/8"	40.2" x 20.59" x 16.62"
SHM1-7000-FWD	436,400	7.5	460	120	485	134	2 1/8"	3 1/8"	40.2" x 20.59" x 16.62"
SHM1-7000-TWE	436,400	7.5	575	—	—	—	2 1/8"	3 1/8"	40.2" x 20.59" x 16.62"
SHM1-8000-FWC	499,800	7.5	208-230	263	1,224	293	2 1/8"	3 1/8"	40.2" x 20.59" x 16.62"
SHM1-8000-FWD	499,800	7.5	460	126	585	140	2 1/8"	3 1/8"	40.2" x 20.59" x 16.62"
SHM1-8000-TWE	499,800	7.5	575	—	—	—	2 1/8"	3 1/8"	40.2" x 20.59" x 16.62"
SHM1-9000-FWC	568,000	7.5	208-230	305	1,435	341	2 1/8"	3 1/8"	43.03" x 20.59" x 16.62"
SHM1-9000-FWD	568,000	7.5	460	146	686	163	2 1/8"	3 1/8"	43.03" x 20.59" x 16.62"
SHM1-9000-TWE	568,000	7.5	575	—	—	—	2 1/8"	3 1/8"	43.03" x 20.59" x 16.62"

Screw Compressors for Air Conditioning



R-22

Mfg Part No	Nom. Performance@ 45/130/65/115/95°F			Amperage Ratings			Service Valve Dimensions		Overall Dimensions (LxWxH)
	BTU/h	EER (BTU/Wh)	Volts (3 Ph.)	RLA	LRA	MCC	Discharge	Suction	
SCH1-5000-FWC	533,000	10.3	208-230	165	743	215	1 5/8"	2 1/8"	55.51" x 20" x 17.05"
SCH1-5000-FWD	533,000	10.3	460	79	355	104	1 5/8"	2 1/8"	55.51" x 20" x 17.05"
SCH1-5000-TWE	533,000	10.3	575	—	—	—	1 5/8"	2 1/8"	55.51" x 20" x 17.05"
SCH1-6000-FWC	628,000	10.3	208-230	205	939	278	1 5/8"	2 1/8"	55.51" x 20" x 17.05"
SCH1-6000-FWD	628,000	10.3	460	98	449	133	1 5/8"	2 1/8"	55.51" x 20" x 17.05"
SCH1-6000-TWE	628,000	10.3	575	—	—	—	1 5/8"	2 1/8"	55.51" x 20" x 17.05"
SCH2-7000-FWC	727,000	9.9	208-230	251	1,015	280	2 1/8"	3 1/8"	52.87" x 22.21" x 23.58"
SCH2-7000-FWD	727,000	9.9	460	120	485	134	2 1/8"	3 1/8"	52.87" x 22.21" x 23.58"
SCH2-7000-TWE	727,000	9.9	575	—	—	—	2 1/8"	3 1/8"	52.87" x 22.21" x 23.58"
SCH2-8000-FWC	833,000	9.9	208-230	263	1,224	293	2 1/8"	3 1/8"	52.87" x 22.21" x 23.86"
SCH2-8000-FWD	833,000	9.9	460	126	585	140	2 1/8"	3 1/8"	52.87" x 22.21" x 23.86"
SCH2-8000-TWE	833,000	9.9	575	—	—	—	2 1/8"	3 1/8"	52.87" x 22.21" x 23.86"
SCH2-9000-FWC	946,000	9.9	208-230	305	1,435	341	2 1/8"	3 1/8"	52.87" x 22.21" x 23.86"
SCH2-9000-FWD	946,000	9.9	460	146	686	163	2 1/8"	3 1/8"	52.87" x 22.21" x 23.86"
SCH2-9000-TWE	946,000	9.9	575	—	—	—	2 1/8"	3 1/8"	52.87" x 22.21" x 23.86"

COPELAND BRAND PRODUCTS



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Oil Pressure Sensing System



Sentronic+ Oil Pressure Sensing System



Mfg Part No	Description
585-1066-02	Kit (module with 44" cable, gaskets and sensor)
998-0162-00	Sensor with seal and gasket
998-0161-01	Module with 44" cable
998-0283-02	Extension cable, 12-foot

Polyol Ester Oil



Mfg Part No	Description
998-E022-00	Quart container
998-E022-01	Gallon container

Phase Monitor



A phase monitor can be used with any three phase motor. A monitor such as the Copeland 085-0160-00 is recommended for monitoring remote locations or environments with a history of adverse voltage fluctuations. Many compressor failures are caused by an intolerable line voltage. These voltage variations can have many different sources such as contactor failure or ground interference. Irrelevant of the cause, compressor failures due to voltage fluctuations may be prevented. Although the voltage fluctuations themselves may be inevitable, actual motor damage can usually be averted.

FAULT DETECTION

The phase monitor checks for critical faults

- Phase loss
- Phase reversal
- High voltage
- Low voltage
- Voltage unbalance

Mfg Part No	Description
085-0160-00	3-Phase Voltage Monitor

COPELAND BRAND PRODUCTS

**Welcome to Meier Supply Company, Inc., where our company motto is,
"Customer Satisfaction Guaranteed!"**

The difference will become apparent when you visit any of our locations. Our stores are clean, our shelves are stocked with top quality products, and our staff has exceptional technical knowledge.

Best of all, when you visit Meier Supply Company, you will deal with an owner. That's right! Meier Supply is an ESOP – an employee owned company. Every one of our employees is an owner and you will feel the difference.

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Middletown, NY	845-733-5666			Harrisburg, PA	717-558-0828	Williamsport, PA	570-323-4606