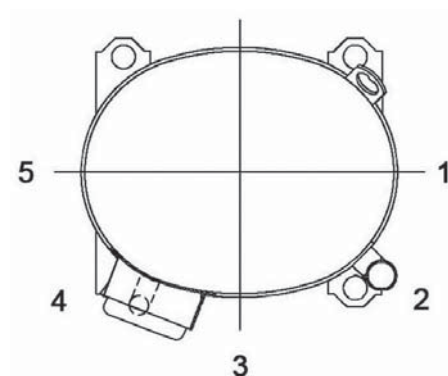


REMINDER LIST

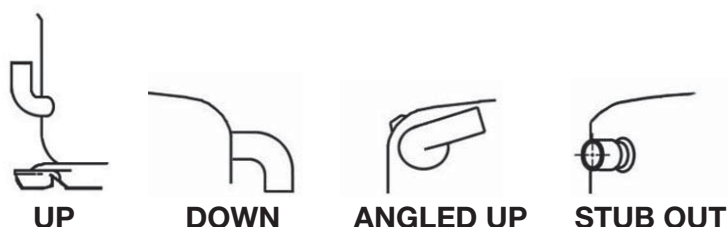
Generally speaking, when you replace a compressor, you will need additional parts to complete the repair. The list below will help you remember the parts and materials you should consider before returning to the job.

Acid Test Kits	367-368	Abrasive Cloth	327
Contactors	160-162	Accumulators	194
Relays	162-166	Wire Nuts	169
Start Kits	112-113	Compressor Wires & Lugs	117
Start Relays	164	Pressure Controls – High	130-131
Start Capacitors	158	Pressure Controls – Low	131-132
Run Capacitors	169-160	Sight Glasses	182-184
Crankcase Heaters	113-115	Liquid Line Filters	184-189
Fittings	303-305	Suction Line Filters	189-192
Time Delay Relays	164-166		

LINE LOCATIONS



CONNECTION TYPE



RECIPROCATING COMPRESSORS (R-22 – SINGLE PHASE)



Copeland Reciprocating Compressors (R-22 – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (UF/V)	START CAPACITOR (UF/V)	START KIT	KICK START	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
CR16K6E-PFV-875	CR16K6E-PFV	CR16K6E-PFV-875	16300	Reciprocating	R-22	208,230-1-60	25/370	189-277/220	SK-B3	42-T05	9.6	13.4	49.0
CR18K6E-PFV-875	CR18K6E-PFV	CR18K6E-PFV-875	18000	Reciprocating	R-22	208,230-1-60	25/370	145-174/250	SK-B8	42-T05	10.4	14.6	49.0
CR22K6E-PFV-875	CR22K6E-PFV	CR22K6E-PFV-875	22100	Reciprocating	R-22	208,230-1-60	30/370	145-174/220	SK-B8	42-T05	10.9	15.3	56.0
CR24K6E-PFV-875	CR24K6E-PFV	CR24K6E-PFV-875	24500	Reciprocating	R-22	208,230-1-60	35/370	145-174/250	SK-B8	42-T05	12.4	17.4	61.0
CR28K6E-PFV-875	CR28K6E-PFV	CR28K6E-PFV-875	28200	Reciprocating	R-22	208,230-1-60	35/370	145-174/220	SK-B8	42-T05	15.3	21.4	75.0
CR32K6E-PFV-875	CR32K6E-PFV	CR32K6E-PFV-875	32000	Reciprocating	R-22	208,230-1-60	35/440	145-174/250	SK-B8	42-T05	16.1	22.5	82.0
55-22972-09S	CR35K6-PFV	CR35K6-PFV-875	35000	Reciprocating	R-22	208,230-1-60	40/370	189-277/330	SK-B3	42-T05	18.0	25.2	96.0
CR38K6E-PFV-875	CR38K6E-PFV	CR38K6E-PFV-875	38200	Reciprocating	R-22	208,230-1-60	40/440	189-277/330	SK-B3	42-KS1	19.0	26.6	105.0
CR42K6E-PFV-875	CR42K6E-PFV	CR42K6E-PFV-875	41900	Reciprocating	R-22	208,230-1-60	40/440	189-277/330	SK-C3	42-KS1	20.4	28.5	102.0
55-25100-10S	CR47KQ-PFV	CR47KQ-PFV-970	44500	Reciprocating	R-22	208,230-1-60	45/440	189-227/330	SK-B3	42-KS1	24.6	34.5	132.0
CR53KQE-PFV-970	CR53KQE-PFV	CR53KQE-PFV-970	53300	Reciprocating	R-22	208,230-1-60	60/440	189-227/330	SK-B3	42-KS1	29.0	40.5	140.0
55-22319-13S	CRN5-0500-PFV	CRN5-0500-PFV-970	62700	Reciprocating	R-22	208,230-1-60	55/440	270-324/330	SK-C4	42-KS1	34.3	48.0	142.0



Bristol Reciprocating Compressors (R-22 – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (UF/V)	START CAPACITOR (UF/V)	START KIT	KICK START	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-25200-35S	H22J13BABCA	770024-2020-01	13652	Reciprocating	R-22	208,230-1-60	30/370	161-193/250	SK-C10	42-T05	6.0	10.1	48.0
55-25200-36S	H22J15BABCA	770001-2020-01	15485	Reciprocating	R-22	208,230-1-60	30/370	161-193/250	SK-C10	42-T05	6.7	12.0	48.0
H22J183ABCA	H22J183ABCA	770002-2004-00	18265	Reciprocating	R-22	208,230-1-60	30/370	161-193/250	SK-C10	42-T05	7.4	14.0	48.0
H22J203ABCA	H22J203ABCA	770025-2004-00	20496	Reciprocating	R-22	208,230-1-60	30/370	145-175/250	SK-C8	42-T05	8.6	17.0	60.0
H22J223ABCA	H22J223ABCA	770004-2004-00	22622	Reciprocating	R-22	208,230-1-60	30/370	145-175/250	SK-C8	42-T05	9.6	18.0	60.0
H22J253ABCA	H22J253ABCA	770006-2024-00	24214	Reciprocating	R-22	208,230-1-60	35/370	145-175/250	SK-B8	42-T05	9.6	19.0	61.0
H22J293ABCA	H22J293ABCA	770010-2024-00	28833	Reciprocating	R-22	208,230-1-60	35/370	161-193/250	SK-B10	42-T05	11.8	22.0	73.0
55-25200-69S	H22J33BABCA	770014-2020-01	31946	Reciprocating	R-22	208,230-1-60	40/370	145-175/250	SK-A8	42-T05	13.0	24.0	82.0
H22J363ABCA	H22J363ABCA	770019-2024-00	35681	Reciprocating	R-22	208,230-1-60	45/370	145-175/250	SK-A8	42-T05	14.4	26.0	86.0
55-25200-52S	H22J38BABCA	770027-2020-01	37829	Reciprocating	R-22	208,230-1-60	45/370	189-227/250	SK-B3	42-KS1	14.9	24.0	86.0
55-25200-55S	H22J41BABCA	770031-2020-01	40929	Reciprocating	R-22	208,230-1-60	50/370	216-259/330	SK-B5	42-KS1	17.1	28.0	102.0
55-25200-59S	H22J44BABCA	770035-2020-01	44325	Reciprocating	R-22	208,230-1-60	65/370	216-259/330	SK-B5	42-KS1	17.8	28.0	102.0
55-25200-60S	H22A503ABCA	772001-2020-00	49001	Reciprocating	R-22	208,230-1-60	40/440	135-155/330	SK-D2	42-KS1	22.3	40.0	138.0
55-25200-61S	H22A543ABCA	772005-2020-00	53419	Reciprocating	R-22	208,230-1-60	45/440	135-155/330	SK-D2	42-KS1	24.4	45.0	138.0
55-25200-63S	H22A583ABCA	772009-2020-00	57122	Reciprocating	R-22	208,230-1-60	60/370	270-324/330	SK-G4	42-KS1	26.6	45.0	178.0
H22A623ABCA	H22A623ABCA	772013-2024-00	60795	Reciprocating	R-22	208,230-1-60	55/440	135-155/330	SK-D2	42-KS1	28.2	47.0	178.0

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	11-1/4	Stub Out	4	3/4	6-1/4	Up	3	3/8	13-7/8	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	11-1/4	Stub Out	4	3/4	6-1/4	Up	3	3/8	13-5/8	7-1/2 x 7-1/2
No	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	11-3/8	Stub Out	4	3/4	6-1/4	Up	3	3/8	13-3/4	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	11-1/2	Stub Out	4	3/4	6-1/4	Up	3	3/8	13-7/8	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	11-5/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	13-1/2	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	11-7/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	14-1/4	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	12-1/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	12-3/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	14-3/4	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	12-5/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	15	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	14-5/8	Up	4	7/8	6-1/4	Up	3	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC), 44-17402-05 (BB)	68-25217-10	14-5/8	Up	4	7/8	6-1/4	Up	3	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-05 (BB)	68-25217-10	15-5/8	Up	4	7/8	3-3/8	Up	3	1/2	16-1/2	7-1/2 x 7-1/2

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
Yes	44-17402-05	68-25217-10	11-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	13-1/2	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	11-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	13-1/2	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	11-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	13-1/2	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	11-3/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	11-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	11-3/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	11-3/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	12-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	12-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2

RECIPROCATING COMPRESSORS (R-22 – THREE PHASE)

Copeland Reciprocating Compressors (R-22 – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
CR35K6E-TFD-875	CR35K6E-TFD	CR35K6E-TFD-875	34800	Reciprocating	R-22	460	3	60	4.8	6.7	40.0
CR38K6E-TFD-875	CR38K6E-TFD	CR38K6E-TFD-875	38100	Reciprocating	R-22	460	3	60	5.9	8.2	42.0
CR42K6E-TFD-875	CR42K6E-TFD	CR42K6E-TFD-875	41500	Reciprocating	R-22	460	3	60	6.4	8.9	42.0
55-25100-12S	CR47KQ-TFD	CR47KQ-TFD-970	47200	Reciprocating	R-22	460	3	60	8.2	11.5	50.0
CR53KQE-TFD-970	CR53KQE-TFD	CR53KQE-TFD-970	53000	Reciprocating	R-22	460	3	60	9.1	12.7	55.0
CRNQ-050E-TFD-970	CRNQ-050E-TFD	CRNQ-050E-TFD-970	61500	Reciprocating	R-22	460	3	60	9.6	13.5	65.0
CR35K6E-TF5-875	CR35K6E-TF5	CR35K6E-TF5-875	34900	Reciprocating	R-22	208,230	3	60	11.4	16.0	75.0
CR42K6E-TF5-875	CR42K6E-TF5	CR42K6E-TF5-875	41700	Reciprocating	R-22	208,230	3	60	14.0	19.7	91.0
CR47KQE-TF5-970	CR47KQE-TF5	CR47KQE-TF5-970	47200	Reciprocating	R-22	208,230	3	60	16.0	22.5	97.0
55-25100-11S	CR53KQ-TF5	CR53KQ-TF5-970	53200	Reciprocating	R-22	208,230	3	60	18.0	25.5	107.0
55-22974-56S	AVB5558EXT	AV190RT-045-A4	57500	Reciprocating	R-22	208,230	3	50,60	15.2	26.5	110.0
CRNQ-050E-TF5-970	CRNQ-050E-TF5	CRNQ-050E-TF5-970	61500	Reciprocating	R-22	208,230	3	60	21.4	30.0	130.0

Bristol Reciprocating Compressors (R-22 – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-25200-43S	H22J293DBVA	770013-2020-00	27769	Reciprocating	R-22	380-415,460	3	50,60	4.1	7.4	36.0
55-25200-44S	H22J293DBLA	770012-2020-00	27964	Reciprocating	R-22	208,230	3	50,60	7.8	13.5	68.0
55-25200-47S	H22J333DBVA	770017-2020-00	31600	Reciprocating	R-22	380-415,460	3	50,60	4.5	8.1	40.0
55-25200-48S	H22J333DBLA	770016-2020-00	32352	Reciprocating	R-22	208,230	3	50,60	9.0	16.0	78.0
55-25200-49S	H22J363DBVA	770022-2020-00	34352	Reciprocating	R-22	380-415,460	3	50,60	4.9	8.6	40.0
H22J363DBLA	H22J363DBLA	770021-2024-00	35049	Reciprocating	R-22	208,230	3	50,60	9.6	16.0	78.0
H22J413DBEA	H22J413DBEA	770033-2024-00	40428	Reciprocating	R-22	380-415,460	3	50,60	5.4	9.0	42.0
55-25200-53S	H22J413DBFA	770034-2020-00	40428	Reciprocating	R-22	575	3	60	4.3	8.0	36.0
H22J413DBLA	H22J413DBLA	770032-2024-00	40546	Reciprocating	R-22	208,230	3	50,60	11.0	20.0	88.0
H22J443DBDA	H22J443DBDA	770036-2024-00	44126	Reciprocating	R-22	208,230	3	50,60	11.7	18.0	88.0
55-25200-57S	H22J443DBEA	770037-2020-00	44126	Reciprocating	R-22	380-415,460	3	50,60	5.8	10.0	42.0
55-21924-97S	H22A463DBEA	6210	46300	Reciprocating	R-22	380-415,460	3	50,60	6.3	13.0	45
55-25200-62S	H22A543DBLA	772006-2020-00	53419	Reciprocating	R-22	208,230	3	50,60	14.5	27.0	106.0
H22A583DBEA	H22A583DBEA	772011-2024-00	58407	Reciprocating	R-22	380-415,460	3	50,60	7.9	15.0	62.0
H22A623DBLA	H22A623DBLA	772014-2024-00	60795	Reciprocating	R-22	208,230	3	50,60	17.0	32.0	124.0
H22A623DBEA	H22A623DBEA	772015-2024-00	60795	Reciprocating	R-22	380-415,460	3	50,60	8.5	16.0	62.0
55-25200-67S	H22A623DBFA	772016-2020-00	60795	Reciprocating	R-22	575	3	60	7.0	13.0	50.0
55-23148-40S	H29A723DBEA	740145-2024-00	71900	Reciprocating	R-22	380-415,460	3	50,60	9.5	16.0	84.0

RECIPROCATING COMPRESSORS (R-410A – SINGLE PHASE)

Bristol Reciprocating Compressors (R-410A – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (UF/V)	START CAPACITOR (UF/V)	START KIT	KICK START	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-101545-38S	H82J13BABCA	760009-2020-01	13000	Recip	R-410A	208,230-1-60	30/370	145-175/250	SK-D8	42-T05	5.9	11.0	43.0

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
Yes	—	68-25217-10	12-1/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-32 (PTC) 44-17402-07 (Belly Band)	68-25217-10	12-3/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	14-3/4	7-1/2 x 7-1/2
Yes	—	68-25217-10	12-5/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	15	7-1/2 x 7-1/2
Yes	—	68-25217-10	14-5/8	Up	4	7/8	6-1/4	Up	3	1/2	15-7/8	7-1/2 x 7-1/2
No	—	68-25217-10	14-3/8	Up	4	7/8	5-7/8	Up	3	1/2	14-1/2	7-1/2 x 7-1/2
No	—	68-25217-10	15-5/16	Up	4	7/8	2-3/4	Up	3	1/2	15-3/4	7-1/2 x 7-1/2
Yes	—	68-25217-10	12-1/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	14-1/2	7-1/2 x 7-1/2
Yes	—	68-25217-10	15-5/8	Stub Out	4	3/4	6-1/4	Up	3	1/2	15	7-1/2 x 7-1/2
Yes	—	68-25217-10	14-5/8	Up	4	7/8	6-1/4	Up	3	1/2	15-7/8	7-1/2 x 7-1/2
Yes	—	68-25217-10	14-5/8	Up	4	7/8	6-1/4	Up	3	1/2	15-7/8	7-1/2 x 7-1/2
Yes	—	68-25217-10	11-3/4	Stub Out	4	7/8	4-1/2	Up	4	1/2	13-7/8	7-1/2 x 7-1/2
No	—	68-25217-10	15-5/16	Up	4	7/8	2-3/4	Up	3	1/2	15-3/4	7-1/2 x 7-1/2

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
Yes	44-17402-07	68-25217-10	11-3/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	11-3/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	12-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	12-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	12-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	12-1/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14-1/2	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	—	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	14	Stub Out	2	3/4	4-1/8	Up	5	1/2	15-7/8	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	12-1/2	Stub Out	2	7/8	3-5/16	Up	4	1/2	14-5/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	44-17402-05	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	—	68-25217-10	14	Stub Out	2	7/8	3-5/16	Up	4	1/2	16-3/8	7-1/2 x 7-1/2
Yes	44-17402-07	68-25217-10	15-1/4	Stub Out	2	7/8	3-13/16	Up	4	1/2	17-3/8	7-1/2 x 7-1/2

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-05	68-25217-10	11-3/4	Stub Out	2	3/4	2-7/8	Up	4	1/2	14-1/4	7-1/2 x 7-1/2

SCROLL COMPRESSORS (R-22 – SINGLE PHASE)



Copeland Scroll Compressors
(R-22 – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (UF/V)	START CAPACITOR (UF/V)	START KIT	KICK START	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
ZR16K5E-PFV-800	ZR16K5E-PFV	ZR16K5E-PFV-800	15500	Scroll	R-22	208,230-1-60	30/370	88-106/330	SK-A1	42-T05	9.3	13.0	40.3
ZR18K5E-PFV-800	ZR18K5E-PFV	ZR18K5E-PFV-800	18000	Scroll	R-22	208,230-1-60	30/370	88-106/330	SK-A1	42-T05	10.7	15.0	55.0
ZR21K5E-PFV-800	ZR21K5E-PFV	ZR21K5E-PFV-800	21000	Scroll	R-22	208,230-1-60	35/370	88-106/330	SK-A1	42-T05	12.0	16.8	56.0
ZR25K5E-PFV-800	ZR25K5E-PFV	ZR25K5E-PFV-800	25300	Scroll	R-22	208,230-1-60	40/370	88-106/330	SK-A1	42-T05	15.0	21.0	68.0
ZR28K5E-PFV-800	ZR28K5E-PFV	ZR28K5E-PFV-800	28400	Scroll	R-22	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	15.7	22.0	75.0
ZR32K5E-PFV-800	ZR32K5E-PFV	ZR32K5E-PFV-800	32600	Scroll	R-22	208,230-1-60	50/370	88-106/330	SK-A1	42-T05	17.1	24.0	87.0
ZR34K5E-PFV-800	ZR34K5E-PFV	ZR34K5E-PFV-800	34600	Scroll	R-22	208,230-1-60	60/370	88-108/330	SK-F1	42-T05	18.6	26.0	88.0
ZR38K5E-PFV-800	ZR38K5E-PFV	ZR38K5E-PFV-800	38000	Scroll	R-22	208,230-1-60	55/370	88-106/330	SK-A1	42-KS1	21.4	30.0	112.0
ZR42K5E-PFV-800	ZR42K5E-PFV	ZR42K5E-PFV-800	42200	Scroll	R-22	208,230-1-60	55/370	88-106/330	SK-A1	42-KS1	22.1	31.0	104.0
ZR48K5E-PFV-800	ZR48K5E-PFV	ZR48K5E-PFV-800	48200	Scroll	R-22	208,230-1-60	60/440	88-106/330	SK-A1	42-KS1	24.3	34.0	137.0
ZR54K5E-PFV-800	ZR54K5E-PFV	ZR54K5E-PFV-800	53500	Scroll	R-22	208,230-1-50,60	80/370	88-106/330	SK-A1	42-KS1	28.2	39.5	146.0
ZR57K3E-PFV-830	ZR57K3E-PFV	ZR57K3E-PFV-830	58000	Scroll	R-22	208,230-1-60	80/370	270-324/330	SK-A4	42-KS1	32.1	45.0	148.0
ZR57K3E-PFV-930	ZR57K3E-PFV	ZR57K3E-PFV-930	58000	Scroll	R-22	208,230-1-60	80/370	270-324/330	SK-A4	42-KS1	32.1	45.0	148.0
ZR61K3E-PFV-950	ZR61K3E-PFV	ZR61K3E-PFV-950	62000	Scroll	R-22	208,230-1-60	80/370	270-324/330	SK-A4	42-KS1	32.1	45.0	148.0
ZR61K3E-PFV-930	ZR61K3E-PFV	ZR61K3E-PFV-930	62000	Scroll	R-22	208,230-1-60	80/370	270-324/330	SK-A4	42-KS1	32.1	45.0	148.0



Danfoss (Bristol) Scroll Compressors
(R-22 – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	LEGACY BRISTOL NUMBER	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (uF/V)	START CAPACITOR (uF/V)	START KIT	KICK START	RATED LOAD CUR (A)
55-23148-35S	HRM042U1LP6	HRM042U1LP6	H23C423ABCA	42100	Scroll	R-22	208,230-1-60	60/370	88-108/330	SK-F1	42-KS1	21.0

SCROLL COMPRESSORS (R-22 – THREE PHASE)



Maneurop/Danfoss Scroll Compressors
(R-22 - Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RATED LOAD CUR (A)	MAX CONTINUOUS CUR (A)	LOCKED ROTOR CUR (A)	CRANKCASE HEATER INCLUDED?
55-44000-01	SM185T3NC	SM185-3NCM/SM185-3NC1	185400	Scroll	R-22	208,230-3-60	53.6	70.0	380.0	No
55-44000-03	SM185-4NAI	SM185-4NC/SM185-4NC1	185400	Scroll	R-22	380-415,460-3-50,60	25.0	35.0	190.0	No
55-44000-84	SM185-7CAI	—	185400	Scroll	R-22	575-3-50,60	20.0	28.0	140.0	No

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/8	Stub Out	2	3/4	14-3/16	Stub Out	3	1/2	15-5/16	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/8	Stub Out	2	3/4	14-3/16	Stub Out	3	1/2	15-5/16	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/8	Stub Out	2	3/4	14-3/16	Stub Out	3	1/2	15-5/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-1/8	Stub Out	2	7/8	15-3/8	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-5/8	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/8	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-5/8	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/8	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-5/8	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/8	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-5/8	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/8	7-1/2 x 7-1/2

MAX CONT CUR (A)	LOCKED ROTOR CUR (A)	CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
32.9	115.0	No	44-17402-44	68-25217-10	9-1/8	Stub Out	2	3/4	14-1/8	Stub Out	3	1/2	15-1/2	7-1/2 x 7-1/2

SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHARGE LINE HEIGHT (IN)	DISCHARGE LINE CONFIG	DISCHARGE LINE LOCATION	DISCHARGE LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
44-17402-08	7-1/8	Stub Out	4	1-5/8	18-1/8	Stub Out	4	1-1/8	26-3/4	11 x 12
44-17402-09	7-1/8	Stub Out	4	1-5/8	18-1/8	Stub Out	4	1-1/8	26-3/4	11 x 12
—	7-1/8	Stub Out	4	1-5/8	25-1/4	Stub Out	4	1-1/8	26-3/4	11 x 12

SCROLL COMPRESSORS (R-22 – THREE PHASE)

Copeland Scroll Compressors (R-22 – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
ZR21K5-TF5-800	ZR21K5-TF5	ZR21K5-TF5-800	21000	Scroll	R-22	208,230	3	60	8.6	12.0	58.0
ZR25K5E-TF5-800	ZR25K5E-TF5	ZR25K5E-TF5-800	25300	Scroll	R-22	208,230	3	60	8.9	12.5	58.0
ZR28K5E-TF5-800	ZR28K5E-TF5	ZR28K5E-TF5-800	28400	Scroll	R-22	208,230	3	60	11.1	15.5	73.0
ZR32K5E-TF5-800	ZR32K5E-TF5	ZR32K5E-TF5-800	32600	Scroll	R-22	208,230	3	60	12.0	16.8	73.0
ZR32K5E-TFD-800	ZR32K5E-TFD	ZR32K5E-TFD-800	32600	Scroll	R-22	460	3	60	6.4	9.0	38.0
ZR38K5-TFE-800	ZR38K5-TFE	ZR38K5-TFE-800	38000	Scroll	R-22	575	3	60	4.8	6.7	33.0
ZR38K5E-TFD-800	ZR38K5E-TFD	ZR38K5E-TFD-800	38000	Scroll	R-22	460	3	60	6.4	9.0	48.0
ZR38K5E-TF5-800	ZR38K5E-TF5	ZR38K5E-TF5-800	38000	Scroll	R-22	208,230	3	60	13.6	19.0	93.0
ZR42K5-TFE-800	ZR42K5-TFE	ZR42K5-TFE-800	42200	Scroll	R-22	575	3	60	5.3	7.4	38.0
ZR42K5E-TFD-800	ZR42K5E-TFD	ZR42K5E-TFD-800	42200	Scroll	R-22	380-415,460	3	50,60	6.4	9.0	48.0
ZR42K5E-TF5-800	ZR42K5E-TF5	ZR42K5E-TF5-800	42200	Scroll	R-22	208,230	3	60	14.3	20.0	93.0
ZR45KCE-TFE-935	ZR45KCE-TFE	ZR45KCE-TFE-935	46000	Scroll	R-22	575	3	60	5.7	8	37
ZR48K5E-TFE-800	ZR48K5E-TFE	ZR48K5E-TFE-800	48200	Scroll	R-22	575	3	60	5.8	8.1	43.0
ZR48K5E-TFD-800	ZR48K5E-TFD	ZR48K5E-TFD-800	48200	Scroll	R-22	460	3	50,60	7.9	11.0	58.0
ZR48K5E-TF5-800	ZR48K5E-TF5	ZR48K5E-TF5-800	48200	Scroll	R-22	208,230	3	60	17.1	24.0	114.0
ZR54K5E-TFD-800	ZR54K5E-TFD	ZR54K5E-TFD-800	53500	Scroll	R-22	380-415,460	3	50,60	7.9	11.0	52.0
ZR54K5E-TF5-800	ZR54K5E-TF5	ZR54K5E-TF5-800	53500	Scroll	R-22	208,230	3	60	17.1	24.0	114.0
ZR57K3E-TFD-830	ZR57K3E-TFD	ZR57K3E-TFD-830	58500	Scroll	R-22	380-415,460	3	50,60	9.1	12.8	62
ZR57K3E-TFE-930	ZR57K3E-TFE	ZR57K3E-TFE-930	58500	Scroll	R-22	575	3	60	7.85	11	50
ZR57K3E-TF5-830	ZR57K3E-TF5	ZR57K3E-TF5-830	58500	Scroll	R-22	208,230	3	60	19.3	27	123
ZR57K3E-TFD-930	ZR57K3E-TFD	ZR57K3E-TFD-930	58500	Scroll	R-22	380-415,460	3	50,60	9.1	12.8	62
ZR57K3E-TF5-930	ZR57K3E-TF5	ZR57K3E-TF5-930	58500	Scroll	R-22	208,230	3	60	19.3	27	123
ZR61K3E-TF5-950	ZR61K3E-TF5	ZR61K3E-TF5-950	62000	Scroll	R-22	208,230	3	60	19.3	27	137
55-23139-36S	ZR61K3-TFE	ZR61K3-TFE-930	62000	Scroll	R-22	575	3	60	7.9	11	50
ZR61KCE-TF5-930	ZR61KCE-TF5	ZR61KCE-TF5-930	62000	Scroll	R-22	208,230	3	50,60	20.7	29	128
ZR61K3E-TFD-930	ZR61K3E-TFD	ZR61K3E-TFD-930	62000	Scroll	R-22	380-415,460	3	50,60	9.1	12.8	62
55-23141-72S	ZR68KC-TFD	ZR68KC-TFD-950	68500	Scroll	R-22	380-415,460	3	50,60	10	14	75
55-23141-73S	ZR68KC-TF5	ZR68KC-TF5-950	68500	Scroll	R-22	208,230	3	60	20.7	29	156
55-23141-88S	ZR68KC-TFE	ZR68K3-TFE-930	68500	Scroll	R-22	575	3	60	8.2	11.5	54
55-23141-85S	ZR72KC-TFE	ZR72KC-TFE-930	72500	Scroll	R-22	575	3	60	8.2	11.5	54
ZR72KCE-TF5-950	ZR72KCE-TF5	ZR72KCE-TF5-950	73500	Scroll	R-22	208,230	3	50,60	20.7	29	156
ZR72KCE-TFD-930	ZR72KCE-TFD	ZR72KCE-TFD-930	73500	Scroll	R-22	380-415,460	3	50,60	10	14	75
ZR72KCE-TFD-950	ZR72KCE-TFD	ZR72KCE-TFD-950	73500	Scroll	R-22	380-415,460	3	50,60	10	14	75
55-23140-104S	ZR81KC-TFE	ZR81KC-TFE-950	81500	Scroll	R-22	575	3	60	9.3	13	78
ZR81KCE-TF5-950	ZR81KCE-TF5	ZR81KCE-TF5-950	81500	Scroll	R-22	208,230	3	60	25	35	164
ZR81KCE-TFD-950	ZR81KCE-TFD	ZR81KCE-TFD-950	81500	Scroll	R-22	460	3	60	12	17	100
ZR84KCE-TF5-750	ZR84KCE-TF5	ZR84KCE-TF5-750	84000	Scroll	R-22	208,230	3	60	28.6	40	196
ZR84KCE-TFD-750	ZR84KCE-TFD	ZR84KCE-TFD-750	84000	Scroll	R-22	460	3	60	14.2	20	100
55-23141-87S	ZR84KC-TFE	ZR84KC-TFE-250	84000	Scroll	R-22	575	3	60	9.7	13.5	90
ZR94KCE-TF5-950	ZR94KCE-TF5	ZR94KCE-TF5-950	94000	Scroll	R-22	208,230	3	50,60	32.1	45	195
ZR94KCE-TF5-750	ZR94KCE-TF5	ZR94KCE-TF5-750	94000	Scroll	R-22	208,230	3	50,60	32.1	45	195
ZR94KCE-TFD-950	ZR94KCE-TFD	ZR94KCE-TFD-950	94000	Scroll	R-22	380-415,460	3	50,60	16.4	23	95
ZR94KCE-TFE-950	ZR94KCE-TFE	ZR94KCE-TFE-950	94000	Scroll	R-22	575	3	60	12	16.8	80
ZR94KCE-TFD-750	ZR94KCE-TFD	ZR94KCE-TFD-750	94000	Scroll	R-22	380-415,460	3	50,60	16.4	23	95
ZR108KCE-TFD-950	ZR108KCE-TFD	ZR108KCE-TFD-950	108700	Scroll	R-22	380-415,460	3	50,60	17.3	24.2	114
ZR108KCE-TF5-950	ZR108KCE-TF5	ZR108KCE-TF5-950	108900	Scroll	R-22	208,230	3	50,60	33.6	47	225
ZR125KCE-TFE-950	ZR125KCE-TFE	ZR125KCE-TFE-950	125500	Scroll	R-22	575	3	60	13.8	19.3	80
ZR12M3E-TWE-922	ZR12M3E-TWE	ZR12M3E-TWE-922	125500	Scroll	R-22	575	3	50,60	15.7	21.3	100

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	442040	68-25217-10	—	10-1/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	68-23427-25	11-1/8	Stub Out	2	7/8	15-3/8	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-06	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-06	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-90	68-25217-10	—	11-9/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-06	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-06	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/16	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No		68-25217-10		11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-90	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-1/4	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/8	Stub Out	3	1/2	17-3/4	7-1/2 x 7-1/2
No	44-17402-90	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/2	Stub Out	3	3/4	17-3/8	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/2	Stub Out	3	3/4	17-3/8	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-1/2	Stub Out	3	3/4	17-3/8	7-1/2 x 7-1/2
No	44-17402-17	68-25217-10	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-18	68-25217-10	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-19	68-25217-10	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-17	68-25217-10	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-17	68-25217-10	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-18	68-25217-13	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-19	68-25217-10	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-18	68-25217-13	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-7/8	7-1/2 x 7-1/2
No	44-17402-18	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-17	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-19	68-25217-13	—	4-7/8	Stub Out	4	1-1/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-16	68-25217-13	—	12-1/2	Stub Out	3	1-3/8	19-5/8	Stub Out	2	7/8	21-1/8	8-5/8 x 8-5/8

(continued on next page)

SCROLL COMPRESSORS (R-22 – THREE PHASE)

Copeland Scroll Compressors (R-22 – Three Phase) – CONTINUED



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
ZR125KCE-TF5-950	ZR125KCE-TF5	ZR125KCE-TF5-950	125900	Scroll	R-22	208,230	3	50,60	42	58	239
ZR125KCE-TFD-950	ZR125KCE-TFD	ZR125KCE-TFD-950	126400	Scroll	R-22	380-415,460	3	50,60	19.2	26.9	125
ZR144KCE-TFD-965	ZR144KCE-TFD	ZR144KCE-TFD-965	142000	Scroll	407C	460	3	60	20.7	29.0	125.0
ZR16M3E-TWE-922	ZR16M3E-TWE	ZR16M3E-TWE-922	154300	Scroll	R-22	575	3	50,60	19.9	27	125
ZR16M3E-TWD-922	ZR16M3E-TWD	ZR16M3E-TWD-922	154300	Scroll	R-22	380-415,460	3	50,60	25	34	158
ZR16M3E-TWC-922	ZR16M3E-TWC	ZR16M3E-TWC-922	154300	Scroll	R-22	208,230	3	50,60	47.1	64	350
ZR19M3E-TWD-961	ZR19M3E-TWD	ZR19M3E-TWD-961	190000	Scroll	R-22	460	3	50,60	27.2	37	187

SCROLL COMPRESSORS (R-410A – SINGLE PHASE)



Copeland Scroll Compressors (R-410A – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (UF/V)	START CAPACITOR (UF/V)	START KIT	KICK START	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-102045-82S	ZP14K5E-PFV	ZP14K5E-PFV-830	14500	Scroll	R-410A	208,230-1-60	30/370	88-106/330	SK-A1	42-T05	10.0	14.0	46.0
55-102045-122S	ZP14K6E-PFV	ZP14K6E-PFV-830	14700	Scroll	R-410A	208,230-1-60	30/370	88-106/330	—	42-T05	10.0	14.0	48.0
55-102045-14S	ZP16K5E-PFV	ZP16K5E-PFV-830	15500	Scroll	R-410A	208,230-1-60	30/370	88-106/330	SK-A1	42-T05	10.0	14.0	48.0
55-102045-148S	ZP20K6E-PFV	ZP20K6E-PFV-830	19950	Scroll	R-410A	208,230-1-60	35/370	88-106/330	SK-A1	42-T05	12.1	17.0	62.9
55-102045-24S	ZP20K5E-PFV	ZP20K5E-PFV-830	20000	Scroll	R-410A	208,230-1-60	35/370	88-106/330	SK-A1	42-T05	15.0	21.0	58.3
55-102045-01S	ZP21K5E-PFV	ZP21K5E-PFV-830	21300	Scroll	R-410A	208,230-1-60	40/370	88-106/330	SK-A1	42-T05	14.3	20.0	58.3
55-102045-143S	ZP24K6E-PFV	ZP24K6E-PFV-830	23900	Scroll	R-410A	208,230-1-60	40/370	88-106/330	SK-A1	42-T05	14.3	20.0	67.8
55-102045-31S	ZP24K5E-PFV	ZP24K5E-PFV-830	24000	Scroll	R-410A	208,230-1-60	40/370	88-106/330	SK-A1	42-T05	14.3	20.0	64.0
55-102045-02S	ZP25K5E-PFV	ZP25K5E-PFV-830	25200	Scroll	R-410A	208,230-1-60	40/370	88-106/330	SK-A1	42-T05	15.7	22.0	73.0
55-102045-66S	ZP29K5E-PFV	ZP29K5E-PFV-830	29000	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	15.7	22.0	77.0
55-102045-03S	ZP31K5E-PFV	ZP31K5E-PFV-830	31000	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	18.6	26.0	79.0
55-102045-103S	ZP31K6E-PFV	ZP31K6E-PFV-830	31300	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	17.1	24.0	83.9
55-102045-15S	ZP34K5E-PFV	ZP34K5E-PFV-830	34500	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	20.0	28.0	112.0
55-102045-144S	ZP34K6E-PFV	ZP34K6E-PFV-830	34600	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	18.6	26.0	109.0
55-102045-12S	ZP36K5E-PFV	ZP36K5E-PFV-830	36000	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	20.0	28.0	112.0
55-102045-146S	ZP38K6E-PFV	ZP38K6E-PFV-830	37500	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-T05	18.9	26.5	123.9
55-102045-17S	ZP38K5E-PFV	ZP38K5E-PFV-830	37500	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-KS1	22.1	31.0	109.0
55-102045-06S	ZP39K5E-PFV	ZP39K5E-PFV-830	39000	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-KS1	22.1	31.0	109.0
55-102045-119S	ZP40K6E-PFV	ZP40K6E-PFV-830	40000	Scroll	R-410A	208,230-1-60	45/370	88-106/330	SK-A1	42-KS1	20.6	28.9	124.0
55-102045-09S	ZP42K5E-PFV	ZP42K5E-PFV-830	42000	Scroll	R-410A	208,230-1-60	70/370	88-106/330	SK-A1	42-KS1	24.3	34.0	117.0
55-102045-58S	ZP44K5E-PFV	ZP44K5E-PFV-830	44400	Scroll	R-410A	208,230-1-60	70/370	189-227/330	SK-A3	42-KS1	23.9	33.4	135.0
55-102045-102S	ZP51K6E-PFV	ZP51K6E-PFV-830	51000	Scroll	R-410A	208,230-1-60	70/370	88-106/330	SK-A1	42-KS1	27.1	38.0	144.2
55-102045-26S	ZP51K5E-PFV	ZP51K5E-PFV-830	51000	Scroll	R-410A	208,230-1-60	70/370	88-106/330	SK-A1	42-KS1	29.4	41.2	134.0
55-102045-13S	ZP54K5E-PFV	ZP54K5E-PFV-830	54000	Scroll	R-410A	208,230-1-60	80/370	88-106/330	SK-A1	42-KS1	29.3	41.0	134.0

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-17	68-25217-13	—	4-7/8	Stub Out	4	1-1/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-18	68-25217-13	—	4-7/8	Stub Out	4	1-1/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	—	—	—	4-7/8	Stub Out	4	7/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-16	68-25217-13	—	12-1/2	Stub Out	3	1-3/8	19-7/8	Stub Out	2	7/8	21-1/2	8-5/8 x 8-5/8
No	44-41720-02	68-25217-13	—	12-1/2	Stub Out	3	1-3/8	19-7/8	Stub Out	2	7/8	21-1/2	8-5/8 x 8-5/8
No	44-41720-01	68-25217-13	—	12-1/2	Stub Out	3	1-3/8	19-7/8	Stub Out	2	7/8	21-1/2	8-5/8 x 8-5/8
No	44-41720-02	—	—	21-1/2	Stub Out	5	2-1/4-12	12-1/2	Stub Out	3	1-3/4-12	23-5/16	8-5/8 x 8-5/8

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-44	68-25217-10	68-23427-26	10-7/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-5/8	Stub Out	2	3/4	14-1/16	Stub Out	3	1/2	15-1/16	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-9/16	Stub Out	2	3/4	14-1/16	Stub Out	3	1/2	15-1/16	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/2	Stub Out	2	3/4	14-3/8	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-3/8	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-3/4	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-3/4	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-3/4	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-3/4	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-3/4	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2

SCROLL COMPRESSORS (R-410A – SINGLE PHASE)



Copeland Two-Stage Scroll Compressors (R-410A – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (UF/V)	START CAPACITOR (UF/V)	START KIT	KICK START	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-23156-35S	ZPS20K5E-PFV	ZPS20K5E-PFV-830	20200	Scroll - Two Stage	R-410A	208,230-1-60	35/370	88-108/330	SK-F1	42-T05	13.0	18.2	58.3
55-23156-36S	ZPS30K5E-PFV	ZPS30K5E-PFV-830	30500	Scroll - Two Stage	R-410A	208,230-1-60	40/370	88-108/330	—	42-T05	17.0	23.8	83.0
55-23156-37S	ZPS40K5E-PFV	ZPS40K5E-PFV-830	41100	Scroll - Two Stage	R-410A	208,230-1-60	30/370	88-106/330	SK-R1	42-KS1	23.6	33.0	104.0
55-23156-34S	ZPS49K5E-PFV	ZPS49K5E-PFV-830	49100	Scroll - Two Stage	R-410A	208,230-1-60	40/440	88-106/330	SK-R1	42-KS1	28.8	45.0	152.9
55-23156-38S	ZPS51K5E-PFV	ZPS51K5E-PFV-830	52000	Scroll - Two Stage	R-410A	208,230-1-60	40/440	270-324/330	SK-B4	42-KS1	30.2	42.3	152.9



Danfoss (Bristol) Scroll Compressors (R-410A – Single Phase)



PART NO	VENDOR PART NO	VENDOR BOM	LEGACY BRISTOL NUMBER	CAPACITY (BTU/HR)	TYPE	REFRIG	V-P-H	RUN CAPACITOR (uF/V)	START CAPACITOR (uF/V)	START KIT	KICK START	RATED LOAD CUR (A)
55-102282-07S	HRH031U1LP6	120U1136	H83C313ABCA	31000	Scroll	R-410A	208,230-1-60	45/370	145-175/330	SK-A9	42-T05	17.0
55-102282-09S	HRH038U1LP6	120U1156	H83C383ABCA	37900	Scroll	R-410A	208,230-1-60	60/370	88-108/330	SK-F1	42-KS1	21.0
55-102282-03S	HRH040U1LP6	120U1161	H83C413ABCA	42000	Scroll	R-410A	208,230-1-60	60/370	88-108/330	SK-F1	42-KS1	21.0
55-102282-01S	HRH051U1LP6	12DU1296	H83R513ABCA	51500	Scroll	R-410A	208,230-1-60	70/370	161-193/250	SK-F10	42-KS1	26.3

SCROLL COMPRESSORS (R-410A – THREE PHASE)

Copeland Scroll Compressors (R-410A – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-102045-92S	ZP29K5E-TFE	ZP29K5E-TFE-800	29000	Scroll	R-410A	575	3	60	4.2	5.9	36.5
55-102045-32S	ZP31K5E-TFE	ZP31K5E-TFE-830	31100	Scroll	R-410A	575	3	60	4.2	5.9	36.5
55-102045-86S	ZP38K5E-TFE	ZP38K5E-TFE-830	38100	Scroll	R-410A	575	3	60	4.2	6.5	33.0
55-102045-42S	ZP39K5E-TFE	ZP39K5E-TFE-830	39000	Scroll	R-410A	575	3	60	4.9	6.8	33.0
55-102045-29S	ZP42K5E-TFE	ZP42K5E-TFE-830	42000	Scroll	R-410A	575	3	60	5.4	7.5	33.0
55-102045-95S	ZP44K5E-TFE	ZP44K5E-TFE-830	44500	Scroll	R-410A	575	3	60	6.7	9.4	41.0
55-102045-85S	ZP49K5E-TFE	ZP49K5E-TFE-830	50200	Scroll	R-410A	575	3	60	5.7	5.25	39.5
55-102045-41S	ZP51K5E-TFE	ZP51K5E-TFE-830	51000	Scroll	R-410A	575	3	60	6.4	8.9	38.9
55-102045-30S	ZP54K5E-TFE	ZP54K5E-TFE-830	54000	Scroll	R-410A	575	3	60	6.5	9.1	38.9
55-102045-39S	ZP57K3E-TFE	ZP57K3E-TFE-830	58000	Scroll	R-410A	575	3	60	8.5	11.9	54.0
55-102471-15S	ZP61KCE-TFE	ZP61KCE-TFE-830	61500	Scroll	R-410A	575	3	60	8.3	11.6	50.0
55-102471-17S	ZP67KCE-TFE	ZP67KCE-TFE-830	67500	Scroll	R-410A	575	3	60	8.6	12	54.0
55-102045-44S	ZP72KCE-TFE	ZP72KCE-TFE-830	71500	Scroll	R-410A	575	3	60	7.9	12.3	54.0
55-23156-31S	ZP76KCE-TFE	ZP76KCE-TFE-950	77000	Scroll	R-410A	575	3	60	10.7	15.0	78.0
55-23156-22S	ZP83KCE-TFE	ZP83KCE-TFE-950	83000	Scroll	R-410A	575	3	60	10.0	14.0	78.0
55-102471-26S	ZP91KCE-TFE	ZP91KCE-TFE-950	90500	Scroll	R-410A	575	3	60	9.6	15.0	78.0
55-102471-10S	ZP90KCE-TFE	ZP90KCE-TFE-950	90500	Scroll	R-410A	575	3	60	13.6	19.0	80.0
55-102471-05S	ZP103KCE-TFE	ZP103KCE-TFE-950	104000	Scroll	R-410A	575	3	60	13.6	19.0	80.0

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-47	68-25217-10	68-23427-26	10-5/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	68-23427-26	10-5/16	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-1/2	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-1/2	7-1/2 x 7-1/2

MAX CONT CUR (A)	LOCKED ROTOR CUR (A)	CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
26.5	96.7	No	44-17402-44	68-25217-10	9-1/8	Stub Out	2	3/4	14-1/8	Stub Out	3	1/2	15-1/2	7-1/2 x 7-1/2
33.0	115.0	No	44-17402-44	68-25217-10	9-1/8	Stub Out	2	3/4	14-1/8	Stub Out	3	1/2	15-1/2	7-1/2 x 7-1/2
32.0	115.0	No	44-17402-44	68-25217-10	10-1/8	Stub Out	2	7/8	15-1/8	Stub Out	3	1/2	16-1/2	7-1/2 x 7-1/2
41.0	150.0	No	44-17402-44	68-25217-10	10-1/4	Stub Out	2	7/8	15-7/8	Stub Out	3	1/2	17-1/8	7-1/2 x 7-1/2

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	—	68-25217-10	—	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	—	68-25217-10	68-23427-26	10-3/8	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-101884-07	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-07	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-101884-07	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-101884-07	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-101884-07	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-101884-07	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-90	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	4	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-12	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-1/2	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	3/4	17-9/16	7-1/2 x 7-1/2
No	44-17402-12	68-25217-13	—	3-11/16	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-3/4	7-1/2 x 7-1/2
No	44-17402-12	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2

(continued on next page)

SCROLL COMPRESSORS (R-410A – THREE PHASE)

Copeland Scroll Compressors (R-410A – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-102471-32S	ZP104KCE-TFE	ZP104KCE-TFE-950	106000	Scroll	R-410A	575	3	60	12.6	17.6	93.7
55-102471-11S	ZP120KCE-TFE	ZP120KCE-TFE-950	121000	Scroll	R-410A	575	3	60	14.3	20.0	80.0
55-102471-12S	ZP137KCE-TFE	ZP137KCE-TFE-950	136000	Scroll	R-410A	575	3	60	16.4	23.0	100.0
55-102045-04S	ZP31K5E-TFD	ZP31K5E-TFD-830	31100	Scroll	R-410A	460	3	60	6.4	9.0	38.0
55-102045-135S	ZP31K5E-TFD	ZP31K5E-TFD-13R	31200	Scroll	R-410A	460	3	60	6.4	9.0	38.0
55-102045-18S	ZP34K5E-TFD	ZP34K5E-TFD-830	34500	Scroll	R-410A	460	3	60	6.6	9.3	44.0
55-102045-25S	ZP36K5E-TFD	ZP36K5E-TFD-830	36000	Scroll	R-410A	460	3	60	6.6	9.3	44.0
55-102045-20S	ZP38K5E-TFD	ZP38K5E-TFD-830	37500	Scroll	R-410A	460	3	60	6.8	9.5	41.0
55-102045-07S	ZP39K5E-TFD	ZP39K5E-TFD-830	39000	Scroll	R-410A	460	3	60	6.8	9.5	41.0
55-102045-137S	ZP42K5E-TFD	ZP42K5E-TFD-13R	41900	Scroll	R-410A	460	3	60	6.9	9.7	41.0
55-102045-10S	ZP42K5E-TFD	ZP42K5E-TFD-830	42000	Scroll	R-410A	460	3	60	6.9	9.7	41.0
55-102045-94S	ZP44K5E-TFD	ZP44K5E-TFD-830	44500	Scroll	R-410A	460	3	50,60	7.1	9.9	55.0
55-102045-131S	ZP49K6E-TFD	ZP49K6E-TFD-830	50000	Scroll	R-410A	460	3	60	7.9	11.0	52.0
55-102045-84S	ZP49K5E-TFD	ZP49K5E-TFD-830	50000	Scroll	R-410A	460	3	60	7.9	6.5	52.0
55-102045-28S	ZP51K5E-TFD	ZP51K5E-TFD-830	51000	Scroll	R-410A	460	3	60	8.6	12.1	52.0
55-102045-118S	ZP51K6E-TFD	ZP51K6E-TFD-830	52200	Scroll	R-410A	460	3	60	8.6	12.1	52.0
55-102045-23S	ZP54K5E-TFD	ZP54K5E-TFD-830	54000	Scroll	R-410A	460	3	60	8.6	12.1	52.0
55-102045-38S	ZP57K3E-TFD	ZP57K3E-TFD-830	58000	Scroll	R-410A	460	3	60	10.7	15	75.0
55-102471-16S	ZP61KCE-TFD	ZP61KCE-TFD-830	61500	Scroll	R-410A	460	3	60	8.3	11.6	50.0
55-102471-27S	ZP104KCE-TFD	ZP104KCE-TFD-950	106000	Scroll	R-410A	460	3	50,60	16.4	23.0	130.0
55-102471-22S	ZP61K5E-TFD	ZP61K5E-TFD-830	61500	Scroll	R-410A	380-415,460	3	50,60	9.1	12.8	66.1
55-102471-19S	ZP67KCE-TFD	ZP67KCE-TFD830	67500	Scroll	R-410A	380-415,460	3	50,60	11.8	16.5	75.0
55-102045-45S	ZP72KCE-TFD	ZP72KCE-TFD-830	72000	Scroll	R-410A	380-415,460	3	50,60	11.2	17.5	75.0
55-23156-30S	ZP76KCE-TFD	ZP76KCE-TFD-950	76500	Scroll	R-410A	380-415,460	3	50,60	14.3	20.0	100.0
55-23156-21S	ZP83KCE-TFD	ZP83KCE-TFD-950	83000	Scroll	R-410A	380-415,460	3	50,60	13.6	19	100.0
55-102471-07S	ZP90KCE-TFD	ZP90KCE-TFD-950	90500	Scroll	R-410A	380-415,460	3	50,60	16.4	23.0	95.0
55-102471-25S	ZP91KCE-TFD	ZP91KCE-TFD-950	90500	Scroll	R-410A	380-415,460	3	50,60	12.8	20.0	100.0
55-102471-04S	ZP103KCE-TFD	ZP103KCE-TFD-950	105000	Scroll	R-410A	380-415,460	3	50,60	18.6	26	114.0
55-102471-09S	ZP120KCE-TFD	ZP120KCE-TFD-950	121000	Scroll	R-410A	380-415,460	3	50,60	20.0	28.0	125.0
55-102471-08S	ZP137KCE-TFD	ZP137KCE-TFD-950	135000	Scroll	R-410A	380-415,460	3	50,60	20.7	29	125.0
55-102045-43S	ZP72KCE-TF5	ZP72KCE-TF5-830	72000	Scroll	R-410A	220,230	3	50,60	23.2	36.2	164.0
55-102045-138S	ZP31K6E-TF5	ZP31K6E-TF5-830	31100	Scroll	R-410A	208,230	3	60	11.6	16.3	73.0
55-102045-05S	ZP31K5E-TF5	ZP31K5E-TF5-830	31100	Scroll	R-410A	208,230	3	60	11.6	16.3	73.0
55-102045-19S	ZP34K5E-TF5	ZP34K5E-TF5-830	34500	Scroll	R-410A	208,230	3	60	14.7	20.6	88
55-102045-145S	ZP34K6E-TF5	ZP34K6E-TF5-830	34600	Scroll	R-410A	208,230	3	60	—	17.5	84.0
55-102045-16S	ZP36K5E-TF5	ZP36K5E-TF5-830	36000	Scroll	R-410A	208,230	3	60	15.1	21.1	88
55-102045-21S	ZP38K5E-TF5	ZP38K5E-TF5-830	37500	Scroll	R-410A	208,230	3	60	15.1	21.2	83.1
55-102045-147S	ZP38K6E-TF5	ZP38K6E-TF5-830	38000	Scroll	R-410A	208,230	3	60	15.1	21.2	83.1
55-102045-08S	ZP39K5E-TF5	ZP39K5E-TF5-830	39000	Scroll	R-410A	208,230	3	50,60	14.6	20.5	83.1
55-102045-139S	ZP40K6E-TF5	ZP40K6E-TF5-830	39100	Scroll	R-410A	208,230	3	60	15.4	21.5	83.1
55-102045-11S	ZP42K5E-TF5	ZP42K5E-TF5-830	42000	Scroll	R-410A	208,230	3	50,60	15.6	21.4	83.1
55-102045-93S	ZP44K5E-TF5	ZP44K5E-TF5-830	44500	Scroll	R-410A	208,230	3	50,60	16.1	22.6	98.0
55-102045-83S	ZP49K5E-TF5	ZP49K5E-TF5-830	49700	Scroll	R-410A	208,230	3	60	17.7	13.40	110.0
55-102045-130S	ZP49K6E-TF5	ZP49K6E-TF5-830	50000	Scroll	R-410A	208,230	3	60	17.7	24.8	110.0
55-102045-27S	ZP51K5E-TF5	ZP51K5E-TF5-830	51000	Scroll	R-410A	208,230	3	60	17.8	24.9	110.0
55-102045-117S	ZP51K6E-TF5	ZP51K6E-TF5-830	52100	Scroll	R-410A	208,230	3	60	17.8	24.9	110.0
55-102045-22S	ZP54K5E-TF5	ZP54K5E-TF5-830	54000	Scroll	R-410A	208,230	3	60	17.4	24.4	110.0
55-102045-37S	ZP57K3E-TF5	ZP57K3E-TF5-830	58000	Scroll	R-410A	208,230	3	60	22.9	32.0	155.0
55-102471-14S	ZP61KCE-TF5	ZP61KCE-TF5-830	61500	Scroll	R-410A	208,230	3	60	21.2	29.7	123.0

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-49	—	—	14-9/16	Stub Out	2	1-1/8	20-3/4	Stub Out	3	7/8	22	7-1/2 x 7-1/2
No	44-17402-12	68-25217-13	—	4-13/16	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-12	68-25217-13	—	4-13/16	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	442040	68-25217-10	68-23427-26	10-3/8	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	442040	68-25217-10	—	10-1/2	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-06	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-101884-06	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-06	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-101884-06	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	—	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-46	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-49	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-11	—	—	14-9/16	Stub Out	2	1-1/8	20-3/4	Stub Out	3	7/8	22	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16	Stub Out	3	1/2	17	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-23	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-1/2	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-1/2	7-1/2 x 7-1/2
No	44-17402-18	68-25217-10	—	3-11/16	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-3/4	7-1/2 x 7-1/2
No	44-17402-48	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	3/4	17-9/16	7-1/2 x 7-1/2
No	44-17402-18	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-18	68-25217-13	—	4-13/16	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-18	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	—	10-1/2	Stub Out	2	3/4	14-3/8	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	68-23427-26	10-3/8	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-3/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-7/16	Stub Out	3	1/2	16-7/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	—	11-3/4	Stub Out	2	1/2	11-1/2	Stub Out	3	1/2	16-9/16	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	—	68-25217-10	—	11-3/4	Stub Out	2	7/8	15-9/16	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	68-23427-25	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-5/8	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-1/2	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2

(continued on next page)

SCROLL COMPRESSORS (R-410A – THREE PHASE)

Copeland Scroll Compressors (R-410A – Three Phase) – CONTINUED



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-102471-21S	ZP61K5E-TF5	ZP61K5E-TF5-830	61500	Scroll	R-410A	208,230	3	50,60	21.9	30.6	136.0
55-102471-18S	ZP67KCE-TF5	ZP67KCE-TF5-830	67500	Scroll	R-410A	208,230	3	50,60	25.0	35.0	149.0
55-23156-29S	ZP76KCE-TF5	ZP76KCE-TF5-950	76500	Scroll	R-410A	208,230	3	50,60	27.9	39.0	164.0
55-102471-03S	ZP90KCE-TF5	ZP90KCE-TF5-950	90500	Scroll	R-410A	208,230	3	50,60	32.9	46.0	195.0
55-102471-01S	ZP103KCE-TF5	ZP103KCE-TF5-950	105000	Scroll	R-410A	208,230	3	50,60	33.6	47.0	225.0
55-102471-31S	ZP104KCE-TF5	ZP104KCE-TF5-950	106000	Scroll	R-410A	208,230	3	50,60	31.4	44.0	239.0
55-102471-02S	ZP120KCE-TF5	ZP120KCE-TF5-950	121000	Scroll	R-410A	208,230	3	50,60	37.1	52.0	239.0
55-102471-13S	ZP137KCE-TF5	ZP137KCE-TF5-950	137000	Scroll	R-410A	208,230	3	50,60	53.6	75.0	245.0
55-102471-24S	ZP91KCE-TF5	ZP91KCE-TF5-950	90500	Scroll	R-410A	208,230	3	50,60	27.6	43.0	191.0

Copeland Two-Stage Scroll Compressors (R-410A – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONTIN CUR (A)	LOCKED ROTOR CUR (A)
55-23156-39S	ZPS30K5E-TF5	ZPS30K5E-TF5-800	30600	Scroll - Two Stage	R-410A	208,230	3	60	12.9	18.1	73.0
55-23156-40S	ZPS40K5E-TF5	ZPS40K5E-TF5-800	41200	Scroll - Two Stage	R-410A	208,230	3	60	15.6	21.9	83.1
55-23156-41S	ZPS51K5E-TF5	ZPS51K5E-TF5-800	52100	Scroll - Two Stage	R-410A	208,230	3	60	18.4	25.8	110.0
55-23156-42S	ZPS51K5E-TFD	ZPS51K5E-TFD-800	52100	Scroll - Two Stage	R-410A	460	3	60	8.1	11.3	52.0

Danfoss (Bristol) Scroll Compressors (R-410A – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	LEGACY BRISTOL NUMBER	CAPACITY (BTU/HR)	TYPE	REFRIG	INPUT VOLTAGE (V)	NO. OF PHASES	FREQ (Hz)	RATED LOAD CUR (A)	MAX CONT CUR (A)	LOCKED ROTOR CUR (A)
55-102282-08S	HRH031U2LP6	120U1251	H83C313DBDA	31000	Scroll	R-410A	208,230	3	60	12.8	20.0	95.0
55-102282-06S	HRH036U2LP6	120U1266	H83C363DBDA	36300	Scroll	R-410A	208,230	3	60	14.1	22.0	95.0
55-102282-10S	HRH038U2LP6	120U1271	H83C383DBDA	37900	Scroll	R-410A	208,230	3	60	14.7	23.0	115.0
55-102282-02S	HRH051U2LP6	120U1466	H83R513DBDA	51400	Scroll	R-410A	208,230	3	60	17.6	28.0	120.0

TANDEM SCROLL COMPRESSORS

Copeland Tandem Scroll Compressors (R-410A – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIGERANT	V-P-H	RATED LOAD CUR (A)	MAX CONT CUR (A)	LOCKED ROTOR CUR (A)	OVERALL COMP HEIGHT (IN)
55-102477-03S	ZPT100K3E-TFE	ZPT100K3E-TFE-950	101000	Scroll - Tandem	R-410A	575-3-60	13.6	19.0	80.0	19-1/8
55-102477-07S	ZPT134KCE-TFE	ZPT134KCE-TFE-950	133000	Scroll - Tandem	R-410A	575-3-60	8.6	12.0	54.0	19-1/8
55-102477-11S	ZPT166KCE-TFE	ZPT166KCE-TFE-950	164000	Scroll - Tandem	R-410A	575-3-60	10.0	14.0	78.0	19-1/8
55-102477-15S	ZPT240KCE-TFE	ZPT240KCE-TFE-975	242000	Scroll - Tandem	R-410A	575-3-60	14.3	20.0	80.0	22-3/4
55-102477-02S	ZPT100K3E-TFD	ZPT100K3E-TFD-950	101000	Scroll - Tandem	R-410A	380-415,460-3-50,60	21.4	30.0	124.0	19-1/8
55-102477-06S	ZPT134KCE-TFD	ZPT134KCE-TFD-950	133000	Scroll - Tandem	R-410A	380-415,460-3-50,60	11.8	16.5	75.0	19-1/8
55-102477-10S	ZPT166KCE-TFD	ZPT166KCE-TFD-950	164000	Scroll - Tandem	R-410A	380-415,460-3-50,60	13.6	19.0	100.0	19-1/8
55-102477-14S	ZPT240KCE-TFD	ZPT240KCE-TFD-975	242000	Scroll - Tandem	R-410A	380-415,460-3-50,60	20.0	28.0	125.0	22-3/4
55-102477-01S	ZPT100K3E-TF5	ZPT100K3E-TF5-950	101000	Scroll - Tandem	R-410A	208,230-3-50,60	39.2	55.0	246.0	19-1/8
55-102477-05S	ZPT134KCE-TF5	ZPT134KCE-TF5-950	133000	Scroll - Tandem	R-410A	208,230-3-50,60	25.0	35.0	149.0	19-1/8
55-102477-09S	ZPT166KCE-TF5	ZPT166KCE-TF5-950	164000	Scroll - Tandem	R-410A	208,230-3-50,60	27.9	39.0	164.0	19-1/8
55-102477-13S	ZPT240KCE-TF5	ZPT240KCE-TF5-975	242000	Scroll - Tandem	R-410A	208,220,230-3-50,60	37.1	52.0	239.0	22-3/4

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16	Stub Out	3	1/2	17	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-9/16	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	1/2	17-1/2	7-1/2 x 7-1/2
No	44-17402-17	68-25217-10	—	3-3/4	Stub Out	4	1-1/8	17-1/2	Stub Out	3	7/8	18-3/4	7-1/2 x 7-1/2
No	44-17402-17	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-47	—	—	14-9/16	Stub Out	2	1-1/8	20-3/4	Stub Out	3	7/8	22	7-1/2 x 7-1/2
No	44-17402-17	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-17	68-25217-13	—	4-7/8	Stub Out	4	1-3/8	19-3/4	Stub Out	3	7/8	21	7-1/2 x 7-1/2
No	44-17402-47	68-25217-10	—	11-3/4	Stub Out	2	7/8	16-3/16	Stub Out	3	3/4	17-9/16	7-1/2 x 7-1/2

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SOUNDWRAP (OEM)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-44	68-25217-10	—	10-3/8	Stub Out	2	3/4	14-1/4	Stub Out	3	1/2	15-1/4	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-1/2	7-1/2 x 7-1/2
No	44-101884-05	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-1/2	7-1/2 x 7-1/2
No	44-101884-06	68-25217-10	—	11-5/8	Stub Out	2	7/8	15-1/2	Stub Out	3	1/2	16-1/2	7-1/2 x 7-1/2

CRANKCASE HEATER INCLUDED?	CRANKCASE HEATER PART NO	SOUNDWRAP (BRINMAR)	SUCTION LINE HGT (IN)	SUCTION LINE CONFIG	SUCTION LINE LOCATION	SUCTION LINE SIZE (IN)	DISCHRG LINE HGT (IN)	DISCHRG LINE CONFIG	DISCHRG LINE LOCATION	DISCHRG LINE SIZE (IN)	OVERALL COMPRESSOR HGT (IN)	MOUNTING BASE DIM (IN)
No	44-17402-44	68-25217-10	9-1/8	Stub Out	2	3/4	14-1/8	Stub Out	3	1/2	15-1/2	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	9-1/8	Stub Out	2	3/4	14-1/8	Stub Out	3	1/2	15-1/2	7-1/2 x 7-1/2
No	44-17402-44	68-25217-10	9-1/8	Stub Out	2	3/4	14-1/8	Stub Out	3	1/2	15-1/2	7-1/2 x 7-1/2
No	44-17402-45	68-25217-10	10-1/2	Stub Out	2	7/8	15-7/8	Stub Out	3	1/2	17-1/8	7-1/2 x 7-1/2

SEMI-HERMETIC COMPRESSORS



Copeland Semi-Hermetic Compressors (R-22 – Three Phase)



PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIGERANT	V-P-H	RATED LOAD CUR (A)	MAX CONT CUR (A)	LOCKED ROTOR CUR (A)	OVERALL COMP HEIGHT (IN)
4DE3R18M0-TSK-800	4DE3R18M0-TSK	4DE3R18M0-TSK-800	216000	Semi-Hermetic	R-22	208,230,460-3-60	66.6	93.2	308	17-1/4
3DT3R17ME-TFC-800	3DT3R17ME-TFC	3DT3R17ME-TFC-800	181250	Semi-Hermetic	R-22	208,230-3-60	59.6	83.5	275	18-1/8
55-42466-02	4DE3-2000-TSE	4DE3-2000-TSE-252	216000	Semi-Hermetic	R-22	575-3-60	24.7	34.6	135	20
55-42450-06	3DT3R17M0-TFD	3DT3R17M0-TFD-219	194000	Semi-Hermetic	R-22	460-3-60	29.0	40.6	138	18-1/4
4RE2-200A-TSK-800	4RE2-200A-TSK	4RE2-200A-TSK-800	200000	Semi-Hermetic	R-22	460-3-60	35.7	50.0	154	17

HERMETIC COMPRESSORS



Kulthorn Hermetic Compressors

For dehumidifiers, drinking-water cooler dispenser, vending machine, commercial refrigerator and freezer, household refrigerator and freezer.



PART NO	CAPACITY (BTU/HR)	APPLICATION	HP	INOUT VOLTAGE (V)	NUMBER OF PHASES	FREQ (HZ)	REFRIGERANT	MOTOR TYPE	OVERLOAD TYPE	OVERLOAD PART NO.	RELAY TYPE	RELAY PART NO.	START CAPACITOR (uF/V)
AE2413Z-1	1300	LBP	1/3	115	1	60	R-404A	CSIR	External	KME 664-14/C	Current	KME 684-25	108-130/250
AE2420Z-1	1830	LBP	1/2	115	1	60	R-404A	CSR	External	KME 664-29/C	Potential	RVA7AD6D	108-130/330
AE4440Y-1SR	4006	HBP	1/3	115	1	60	R-134a	CSR	External	KME 660-42/C	Current	KME 682-19NT	108-130/250
AE9437Y-1	3363 6626	MBP HBP	1/2	115	1	60	R-134a	CSR	External	KME 664-30/C	Current	KME 682-17NT	130-156/330



Kulthorn Hermetic Compressors

For HVAC, ice maker, room air conditioner, package air conditioner, commercial refrigerator and freezer.



PART NO	CAPACITY (BTU/HR)	APPLICATION	HP	INOUT VOLTAGE (V)	NUMBER OF PHASES	FREQ (HZ)	REFRIGERANT	MOTOR TYPE	OVERLOAD TYPE	OVERLOAD PART NO.	RELAY TYPE	RELAY PART NO.
AW5515EK-2P	16616	HBP / AC	1-1/3	208/230	1	60	R-22	PSC	Internal	4042KGE 656-10	Potential	GE3ARR3AX16A2
AW5517EK-2	18690	HBP / AC	1-3/4	208/230	1	60	R-22	PSC	Internal	4042KGE 656-10	Potential	GE3ARR3AX16A2
AW5520EK-2	20643	HBP / AC	1-3/4	208/230	1	60	R-22	PSC	Internal	4042KGE656-10	Potential	GE3ARR3AX16A2
AW5524EK-2	24225	HBP / AC	2	208/230	1	60	R-22	PSC	Internal	KGE 656-12	Potential	GE3ARR3UX3P2
AW5528EK-2	28866	HBP / AC	2-1/3	208/230	1	60	R-22	CSR	Internal	KGE 657-1	Potential	GE3ARR3UX3P2
AW5532EK-2	31970	HBP / AC	2-1/2	208/230	1	60	R-22	CSR	Internal	KGE 656-11	Potential	GE3ARR3UX3P2
AW7514Z-2	12500	MBP	1-1/2	208/230	1	60	R-404A	CSR	Internal	4042KGE657-3	Potential	RVA4AM6D
AW7516Z-2	15560	MBP	2	208/230	1	60	R-404A	CSR	Internal	KGE 656-11	Potential	GE3ARR3UX6A2
AW7524Z-2	21700	MBP	2-3/4	208/230	1	60	R-404A	CSR	Internal	4042KGE656-17	Potential	RVA4AM6D

TANDEM SCROLL COMPRESSORS



**Copeland Tandem Scroll Compressors
(R-22 – Three Phase)**

Copeland®
brand products

PART NO	VENDOR PART NO	VENDOR BOM	CAPACITY (BTU/HR)	TYPE	REFRIGERANT	V-P-H	RATED LOAD CUR (A)	MAX CONT CUR (A)	LOCKED ROTOR CUR (A)	OVERALL COMP HEIGHT (IN)
55-23157-03S	ZRT122K3-TFE	ZRT122K3-TFE-950	120800	Scroll - Tandem	R-22	575-3-50,60	7.85	11.0	50	18-3/4
ZRT144KCE-TFE-950	ZRT144KCE-TFE	ZRT144KCE-TFE-950	144300	Scroll - Tandem	R-22	575-3-50,60	8.2	11.5	54	18-3/4
55-23157-11S	ZRT188KC-TFE	ZRT188KC-TFE-950	185900	Scroll - Tandem	R-22	575-3-60	12.0	16.8	80	20-9/16
55-23157-15S	ZRT250KC-TFE	ZRT250KC-TFE-950	248100	Scroll - Tandem	R-22	575-3-60	13.8	19.3	80	21-1/2
55-23157-01S	ZRT122K3-TFD	ZRT122K3-TFD-950	120800	Scroll - Tandem	R-22	380-415,460-3-50,60	10.0	14.0	62	18-3/4
55-23157-06S	ZRT144KC-TFD	ZRT144KC-TFD-950	144300	Scroll - Tandem	R-22	380-415,460-3-50,60	10.0	14.0	75	18-3/4
55-23157-10S	ZRT188KC-TFD	ZRT188KC-TFD-950	185900	Scroll - Tandem	R-22	380-415,460-3-50,60	16.4	23.0	95	20-9/16
55-23157-14S	ZRT250KC-TFD	ZRT250KC-TFD-950	248100	Scroll - Tandem	R-22	380-415,460-3-50,60	19.2	26.9	125	21-1/2
ZRT122K3E-TF5-950	ZRT122K3E-TF5	ZRT122K3E-TF5-950	120800	Scroll - Tandem	R-22	208,230-3-50,60	19.3	27.0	137	18-3/4
ZRT144KCE-TF5-950	ZRT144KCE-TF5	ZRT144KCE-TF5-950	144300	Scroll - Tandem	R-22	208,230-3-50,60	20.7	29.0	156	18-3/4
55-23157-09S	ZRT188KC-TF5	ZRT188KC-TF5-950	185900	Scroll - Tandem	R-22	208,230-3-50,60	32.1	45.0	195	20-9/16
55-23157-13S	ZRT250KC-TF5	ZRT250KC-TF5-950	248100	Scroll - Tandem	R-22	208,230-3-50,60	42.0	58.0	239	21-1/2

RUN CAPACITOR (uF/V)	REFRIG OIL	COPELAND CROSS REFERENCE	EMBARCO/ASPERA CROSS REFERENCE	BRISTOL CROSS REFERENCE	TECUMSEH CROSS REFERENCE	DANFOSS CROSS REFERENCE
—	POE	AFE13C3E-IAA, AFE06C4E-IAA AFE08C4E, AFE13C4E-IAA AFT1840C1E-IAA, AFE11C4E-IAA ASE26C3E-IAA, ASE20C4E-IAA	NEK2125GK, NEK6210GK NEK2150GK, NT2168GK NEK2134GK, NEK2121GK NEK6181GK	—	AEA2411ZXA, AEA2380ZXA AJA2419ZXA, AKA9438ZXA AJA2425ZXA, AEA9415ZXA AEA9422ZXA and AKA9427ZXA	SC10CL-1
25/450	POE	AFT22C1E-IAA, AFE13C3E-IAA VJAL050Z, AFE06C4E-IAA AFE08C4E, AFE13C4E-IAA AFJ23C1E-IAAT, RFT22C1E-IAA	NEK2134GK	—	AJA2419ZXA, AJA2429 AJA2425ZXA, AEA2380ZXA AEA2411ZXA, AJA2431ZXA AJA2425ZXA	SC12CLX.2-1
20/440	POE	ARE41C3E-IAA, ARE40C4E ARE46C4E-IAA, AFE10C3E-IAA ARE34C4E-IAA, ARE37C3E-IAA ARE40C4E-IAA, AFE12C3E-IAA, ARE46C4E-IAA	NEU6121Z, NE6187Z NE6210Z, FF10HBX FF12HBX, FFU130HAX	—	AEA4448YXA, AEA2410YXA AEA3440YXA, AEA4440YXA	NF11FX-1
25/440	POE	RRT62C-1-IAA, AFE12C4E-IAA ARE51C4E-CAA, M2FH-0050	NT6215ZV, NEK6212Z	—	AKA4460YXA, RRT62C1-IAA AEA2413YXA	SC15G-1

START CAPACITOR (uF/V)	RUN CAPACITOR (uF/V)	REFRIG OIL	COPELAND CROSS REFERENCE	EMBARCO/ASPERA CROSS REFERENCE	BRISTOL CROSS REFERENCE	TECUMSEH CROSS REFERENCE	DANFOSS CROSS REFERENCE
130-156/300	25/440	Mineral	CRA1-0150-PAV-xxx	—	H22J153ABC, H22J15BABCA, H29B15UABCA	AWG5515EXN	—
130-156/300	25/440	Mineral	CRA1-0150-PFV-xxx	NJ7238E	H2EB18SABCB, H23B18UABCB, H29B18UABCB	AJA5517EXD	—
130-156/330	30/440	Mineral	CRC1-0175-PFV-xxx	—	H21J20BABC	AWG4520EXN	—
161-193/330	40/440	Mineral	CR24K-xxx-PFV-xxx	—	H22J203ABC	AWG5524EXN	—
161-193/330	40/440	Mineral	CR28K-xxx-PFV-xxx	—	H21J27BABC	AWG5528EXN	—
161-193/330	50/440	Mineral	CR32K-xxx-PFV-xxx	—	H21J32BABC	AVA5532EXN	—
161-193/330	45/450	POE	CS12K6E-PFV-xxx	—	M63B123BBC	AWA7515ZXD	—
161-193/330	40/440	POE	CS14K6E-PFV-945	—	M63B153BBC	AWA7515ZXD	—
243-292/250	45/450	POE	CS20K6E-PFV-xxx	—	M63A243BBC	AVA9522ZXD	—

START KITS

OEM Start Kits

- Precisely calibrated to match compressor manufacturer's engineering specifications for start assist devices

- See Compressors section for specific application cross reference by compressor part number



PART NO	START KIT RELAY CODE	START RELAY HOT PICKUP (V)	START RELAY COLD PICKUP (V)	START RELAY DROPOUT (V)	START RELAY MAX CONT COIL VOLT(V)	START KIT CAPACITOR CODE	START CAPACITOR CAP (uF)	START CAPACITOR VOLTAGE (VAC)
SK-A1	A	170-180	162-175	40-90	336	1	88-106	330
SK-A2	A	170-180	162-175	40-90	336	2	135-155	330
SK-A3	A	170-180	162-175	40-90	336	3	189-227	330
SK-A4	A	170-180	162-175	40-90	336	4	270-324	330
SK-A7	A	170-180	162-175	40-90	336	7	72-88	330
SK-A8	A	170-180	162-175	40-90	336	8	145-175	250
SK-A9	A	170-180	162-175	40-90	336	9	145-175	330
SK-A11	A	170-180	162-175	40-90	336	11	189-227	250
SK-B1	B	190-200	180-195	60-135	395	1	88-106	330
SK-B2	B	190-200	180-195	60-135	395	2	135-155	330
SK-B3	B	190-200	180-195	60-135	395	3	189-227	330
SK-B4	B	190-200	180-195	60-135	395	4	270-324	330
SK-B5	B	190-200	180-195	60-135	395	5	233-280	330
SK-B7	B	190-200	180-195	60-135	395	7	72-88	330
SK-B8	B	190-200	180-195	60-135	395	8	145-175	250
SK-B9	B	190-200	180-195	60-135	395	9	145-175	330
SK-B10	B	190-200	180-195	60-135	395	10	161-193	250
SK-B11	B	190-200	180-195	60-135	395	11	189-227	250
SK-C1	C	240-260	218-243	60-121	420	1	88-106	330
SK-C2	C	240-260	218-243	60-121	420	2	135-155	330
SK-C3	C	240-260	218-243	60-121	420	3	189-227	330
SK-C4	C	240-260	218-243	60-121	420	4	270-324	330
SK-C7	C	240-260	218-243	60-121	420	7	72-88	330
SK-C8	C	240-260	218-243	60-121	420	8	145-175	250
SK-C9	C	240-260	218-243	60-121	420	9	145-175	330
SK-C12	C	240-260	218-243	60-121	420	12	243-292	250
SK-D1	D	260-280	239-268	60-135	495	1	88-106	330
SK-D2	D	260-280	239-268	60-135	495	2	135-155	330
SK-D3	D	260-280	239-268	60-135	495	3	189-227	330
SK-D7	D	260-280	239-268	60-135	495	7	72-88	330
SK-D8	D	260-280	239-268	60-135	495	8	145-175	250
SK-D9	D	260-280	239-268	60-135	495	9	145-175	330
SK-F1	F	140-150	132-148	40-90	332	1	88-106	330
SK-F3	F	140-150	132-148	40-90	332	3	189-227	330
SK-F4	F	140-150	132-148	40-90	332	4	270-324	330
SK-F10	F	140-150	132-148	40-90	332	10	161-193	250
SK-G1	G	180-190	171-185	55-115	383	1	88-106	330
SK-G4	G	180-190	171-185	55-115	383	4	270-324	330
SK-J4	J	320-340	295-324	60-135	495	4	270-324	330
SK-J8	J	320-340	295-324	60-135	495	8	145-175	250
SK-K1	K	220-240	205-324	40-90	332	1	88-106	330
SK-P10	P	240-260	224-252	40-90	332	10	161-193	250
SK-R1	R	190-200	189-205	60-130	450	1	88-106	330

START KITS



Kickstart Hard Start Devices

- Uses a potential relay and start capacitor
- Three models cover all applications – eliminates costly multiple relay and capacitor inventory
- Easy to install; no cutting or splicing of wires

Kickstart®

- Compatible with all 1-5 hp PSC & CSIR air conditioning, heat pump, and refrigeration compressors
- See Compressors section for specific application cross reference by compressor part number

PART NO	TORQUE	COMPRESSOR MOTOR SIZE (HP)	OPERATING VOLTAGE (V)	PHASE	APPLICATION
42-KS1	High	3-1/2 - 5	208-230	1	A/C and Heat Pumps (3-1/2 - 5 tons)
42-MP1	High	1-1/2 - 5	208-230	1	All Maneurop Compressors
42-T05	High	1 - 3	208-230	1	A/C and Heat Pumps (1-3 tons)



ICM Hard Start Devices – Current Sensing

ICM RapidStart devices monitor the compressor current upon start-up. These devices in-turn engage the hard start capacitor with the precise, correct amount of time thus ensuring maximum starting torque without the risk of supplying too much current into the start winding. A timed safety circuit is provided in the event the motor fails to start within 2 seconds. Current sensing

hard start precisely increases starting torque.

- Patented current sensing solid-state circuitry
- Easy to install, 2 wires
- Recycles instantly (less than 1 second)
- Fuse protection
- Not affected by voltage or current fluctuations, or ambient temperatures



PART NO	COMP MOTOR SIZE (HP)	OPERATING VOLTAGE (V)	MAX INPUT VOLT (V)	NO OF PHASES	CAPACITOR (uF/V)	KICKSTART CROSS REFERENCE	SUPCO CROSS REFERENCE	5-2-1 CROSS REFERENCE
42-ICM803	1/2 - 3	95-288	502	1	86-106/330	42-T05	SPP-8/-8E	CSR-V1
42-ICM805	2 - 5	95-288	502	1	145-175/330	42-KS1, 42-T05	SPP-8/-8E	CSR-V1/-V2/-V3
42-ICM810	3-1/2 - 10	95-288	502	1	243-292/330	—	—	—



ICM Hard Start Devices – Voltage Sensing

ICM's differential voltage sensing products employ patented circuitry which monitors differential compressor auxiliary voltage, and precisely engages and disengages the start capacitor. A timed safety circuit is provided in the event the motor fails to start within 2 seconds.

- Increases starting torque up to 500%

- Ensures precise starts
- Dual voltage operation: either 120V or 230V motors
- Recycles instantly (less than 1 second)
- Fuse protection
- Not affected by voltage or current fluctuations, or ambient temperatures



PART NO	COMPRESSOR MOTOR SIZE (HP)	OPERATING VOLTAGE (V)	MAX INPUT VOLTAGE (V)	NO OF PHASES	CAPACITOR (uF/V)	SUPCO CROSS REFERENCE
42-ICM850	Up to 1-1/2	90-277	390	1	43-52/330	SPP-5E
42-ICM860	2 - 5	90-277	390	1	86-106/330	SPP-5E/-6E

CRANKCASE HEATERS

- Helps protect the compressor from liquid refrigerant migration and oil loss
- Allows crankcase to absorb and transmit heat directly to the oil

Crankcase Heaters – Belly Band Type (Reciprocating Compressors)

- Custom formed for optimum fit on oval shaped reciprocating housings
- Easy to install; adjustable by screw
- Uses high temperature silicone rubber element
- For optimum heat transfer, mount in lowest position on compressor housing
- See Compressors section for specific application cross reference by compressor part number



PART NO	VOLTAGE (V)	WATTS (W)	MAX GIRTH (IN)	MIN GIRTH (IN)	LEAD WIRE SIZE (AWG)	GROUND WIRE LENGTH (IN)
44-17402-06	230	45	31-9/16	27-7/16	18	No Ground Lead
44-17402-05	230	54	34	27	18	No Ground Lead
44-17402-07	460	54	34	27	18	No Ground Lead

CRANKCASE HEATERS

Crankcase Heaters – Belly Band Type (Scroll Compressors)

- Easy to install; adjustable by screw
- Uses high temperature silicone rubber element
- For optimum heat transfer, mount in lowest position on compressor housing
- See Compressors section for specific application cross reference by compressor part number



PART NO	VOLTAGE (V)	WATTS (W)	MAX DIA (IN)	MIN DIA (IN)	LEAD WIRE SIZE (AWG)	GROUND WIRE LENGTH (IN)
44-101884-05	230	40	7-5/8	6-3/8	18	48
44-101884-02	230	40	8-5/8	7-3/8	18	48
44-17402-14	230	60	11	8-3/4	18	29
44-17402-47	230	70	8	6-7/8	18	48
44-17402-10	230	70	9	7	18	29
44-41720-01	230	70	11-3/4	9-3/4	18	29
44-17402-08	230	75	13-1/2	11-1/2	18	No Ground Lead
44-17402-17	230	90	11	9-1/8	18	29
44-101884-08	240	40	6-3/4	5-1/2	18	48
442040	460	40	6-1/2	5	18	21
44-101884-06	460	40	7-5/8	6-3/8	18	48
44-17402-23	460	70	7-1/2	6-1/2	18	29
44-17402-11	460	70	9	7	18	29
44-41720-02	460	70	11-3/4	9-3/4	18	29
44-17402-09	460	75	13-1/2	11-1/2	18	No Ground Lead
44-17402-18	460	90	11	9-1/8	18	29
44-101884-09	480	40	6-3/4	5-1/2	18	48
44-17402-16	575	60	11	8-3/4	18	29
44-17402-49	575	70	8	6-7/8	18	48
44-17402-19	575	90	11	9-1/8	18	29
44-101884-07	600	40	7-5/8	6-3/8	18	48

Crankcase Heaters – Belly Band Type (Scroll Compressors) w/Temperature Switch

Temperature switch turns off crankcase heater when it is not needed, saving energy.



PART NO	VOLTAGE (V)	WATTS (W)	MAX DIA (IN)	MIN DIA (IN)	LEAD WIRE SIZE (AWG)	GROUND WIRE LENGTH (IN)	TEMP LIMIT SWITCH INCLUDED (°F)
44-101884-11	230	70	7-5/8	6-3/8	18	48	Open 74, Close 64
44-101884-12	460	70	7-5/8	6-3/8	18	48	Open 74, Close 64
44-101884-01	230	35	7-5/8	6-3/8	18	48	Open 74, Close 64

Crankcase Heaters – Insert Threaded Type

For reciprocating compressors with integral crankcase well.



PART NO	VOLTAGE (V)	WATTS (W)	LEAD WIRE SIZE (AWG)	GROUND WIRE LENGTH (IN)	THREAD SIZE (IN)	THREAD TYPE	INSERTION LENGTH (IN)
44-17402-50	230	65	18	No Ground Lead	3/8-18	NPT	5
44-17402-52	230	100	18	No Ground Lead	3/8-18	NPT	4-7/8
44-17402-51	460	65	14	No Ground Lead	3/8-18	NPT	4-7/8
44-17402-53	460	100	18	No Ground Lead	1/2-14	NPT	5
44-41625-03	575	65	18	No Ground Lead	3/8-18	NPT	4-3/4

Crankcase Heaters – Insert Well Type

- For reciprocating compressors with integral crankcase heater well
- Solid state reliability
- Energy saving, self-regulating PTC functionality; multi-voltage capability



PART NO	VOLTAGE (V)	WATTS (W)	LEAD WIRE SIZE (AWG)	GROUND WIRE LENGTH (IN)
44-17402-32	230 - 575	40 - 55	18	No Ground Lead

CRANKCASE HEATERS



Crankcase Heaters – Stick-On Type

- External mounting - universal for all applications
- Energy saving, self-regulating PTC
- functionality; multi-voltage capability
- Solid state reliability

PART NO	VOLTAGE (V)	WATTS (W)	LEAD WIRE SIZE (AWG)	GROUND WIRE LENGTH (IN)
44-20656-82	230 - 575	35 - 45	18	No Ground Lead



Heat Shield Band for Crankcase Heater

Provides protection for compressor sound enclosures from the heat produced by belly band type crankcase heaters.

PART NO	DESCRIPTION
686033	Heat Shield Band for Crankcase Heater

SOUND ENCLOSURES



Brinmar Compressor Sound Enclosures



- Universal - Designed to fit a wide range of residential and commercial compressors of various heights and diameters
- Specialized 1/8 in. thick rubber sound blocker and 1/2 in. thick acoustical fiberglass insulation combination
- Easy to install two-piece design with hook and loop straps
- Minimum 5 dB manufacturer's rated noise reduction
- See Compressors section for specific application cross reference by compressor part number

PART NO	VENDOR PART NO	APPLICATION
68-25217-10	SBUHD	Fits scroll and reciprocating compressors. Maximum size: 10" x 10" x 19" high
68-25217-13	SBLHD	Fits scroll and reciprocating compressors. Maximum size: 12" x 12" x 20" high



OEM Compressor Sound Enclosures

- Exact Fit - Designed to be installed with a minimum of adjustments
- A combination of 1/8 in. thick vinyl and 1/2 in. thick urethane foam
- One piece design with hook and loop seams
- Minimum 8.8 dB manufacturer's rated noise reduction
- See Compressors section for specific application cross reference by compressor part number

PART NO	APPLICATION
68-23427-16	Copeland ZR22K4 and ZR24K4
68-23427-17	Copeland ZR26K3 through ZR30K3
68-23427-19	Copeland ZPS51K4
68-23427-24	Copeland ZPS20K4 through ZPS40K4
68-23427-25	Copeland ZR38KA through ZR54KA and Copeland ZP34K5 through ZP54K5
68-23427-26	Copeland ZR16KA through ZR32KA and Copeland ZP16K5 through ZP31K5

COMPRESSOR START MODULE



SecureStart Compressor Start Module



SecureStart is designed to reduce start currents by up to 75%. The device also provides additional benefits by continuously monitoring supply voltage to prevent motor stalling under low voltage conditions. A delay function provides additional protection in the event of an emergency shutdown.

- Designed for single-phase, 208/230V, 60Hz Copeland Scroll compressors

- Can be used with Copeland Scroll single-stage, Copeland Scroll UltraTech dual capacity, or Copeland Scroll Digital continuously modulating compressors
- For use with compressors with a maximum operating current of 32A; limits starting current to less than 45A and is self-adjusting to motor current; requires no manual calibration

PART NO	DESCRIPTION
543-0120-00	SecureStart Compressor Start Module

EMERSON COMFORT ALERT MODULES

The Comfort Alert diagnostics module is a breakthrough innovation for troubleshooting and protecting Copeland Scroll® compressors. The module installs easily in the electrical box of the condensing unit near the compressor contactor. By monitoring and analyzing data from the Copeland Scroll compressor and the thermostat demand, the module can accurately detect the cause of electrical and system related failures. A flashing LED indicator communicates the ALERT code and guides the service technician more quickly and accurately to the root cause of a problem.

- TRIP LED (Red)** – Indicates a demand signal from the thermostat but no current to the compressor is detected by the module. Typically indi-

cates the compressor protector is open or may indicate missing supply power to the compressor. If flashing, indicates the anti-short cycle timer is active, preventing compressor from starting.

- ALERT LED (Yellow)** – Communicates an abnormal system condition through a unique flash code, including the following:
 - Long Run Time
 - System Pressure Trip
 - Short Cycling
 - Open Start Circuit
 - Open Run Circuit
 - Welded Contactor
 - Low Voltage
- POWER LED (Green)** – Indicates voltage is present at the power connection of the module



Comfort Alert Module – Single Phase (One Stage Compressor)

PART NO	COPELAND CODE	POWER SUPPLY (VAC)	POWER SUPPLY FREQ (Hz)	MAX POWER COMPSUMPTION (VA)	DIAGNOSTIC ALERT CODES	TRIP INDICATOR	DATA PORT	L-TERMINAL COM	2-STAGE CONTROL SOLENOID
42-101504-01	CA	19-28	48-62	0.5	Yes	Yes	Yes	No	No



Comfort Alert Module – Single Phase (Two Stage Compressor)

- For two-stage Copeland UltraTech scroll compressors
- 42-101504-02 includes a power savings feature on the solenoid output; this feature introduces a 5 second delay upon call for second stage and reduces power requirements by modulating the DC output to the minimum necessary to actuate the solenoid
- 42-101504-04 does not include power savings, and is intended for problem installations where the compressor does not shift fully into high stage; when using this module, it is recommended that the control transformer be upgraded to accommodate an additional load of approximately 10VA

PART NO	COPELAND CODE	POWER SUPPLY (VAC)	POWER SUPPLY FREQ (Hz)	MAX POWER COMPSUMPTION (VA)	DIAGNOSTIC ALERT CODES	TRIP INDICATOR	DATA PORT	L-TERMINAL COM	2-STAGE CONTROL SOLENOID
42-101504-02	CA2U	18-30	48-62	6	Yes	Yes	Yes	Yes	Yes
42-101504-04	Rheem CA2U	18-30	48-62	6	Yes	Yes	Yes	Yes	Yes



Comfort Alert Module – Single Phase (Two Stage Compressor)

- In addition to monitoring functions, the three phase module provides active compressor protection and will shut down the compressor when potentially damaging conditions are detected

PART NO	COPELAND CODE	POWER SUPPLY (VAC)	POWER SUPPLY FREQ (Hz)	MAX POWER COMPSUMPTION (VA)	DIAGNOSTIC ALERT CODES	TRIP INDICATOR	DATA PORT	L-TERMINAL COM	2-STAGE CONTROL SOLENOID
42-101504-03	CA2C	18-30	48-62	7	Yes	Yes	Yes	Yes	Yes

MOLDED PLUG WIRING HARNESS



Copeland Molded Plug Wiring Harness



45-100834-80 is the universal replacement for the overwhelming majority of residential applications

PART NO	CONDUCTOR SIZE RUN/COMMON/START (AWG)	CONDUCTOR LENGTH (IN)	COMPRESSOR TERMINATION PATTERN	CONTROL TERMINATIONS	APPLICATIONS
45-100834-08	10/10/10	35	0.530 in. pin circle dia.	Molex Connector	JEZ residential products with Copeland scrolls
45-100834-09	10/10/16	35	0.530 in. pin circle dia.	Ferrule (Run/Common) 1/4 in. quick connect (Start)	Some JEC residential products with Copeland scrolls
45-100834-80	10/10/10	60	0.530 in. pin circle dia.	1/4 in. quick connects	Residential products with Copeland scrolls except JEZ and some JEC
45-101723-02	20/20	56	0.530 in. pin circle dia.	1/4 in. quick connect/ stripped lead	Low voltage plug for 2-stage Copeland scrolls
45-101723-03	20/20	54	0.530 in. pin circle dia.	Molex Connector	Low voltage plug for 2-stage Copeland scrolls
45-102708-04	10/10/10	105	0.530 in. pin circle dia.	1/4 in. quick connects	Commercial products

COMPRESSOR TERMINAL LEAD SETS & REPAIR KITS



PROTECH Compressor Terminal Lead Sets



Pre-made compressor lead sets for quick installation; choice of either 1/4 inch flag terminal or #10 Ring terminal; includes butt connectors for secure crimp connection.

PART NO	DESCRIPTION
455058	Compressor Lead Set - 10 AWG 1/4 in. Flag Terminals & Butt Connectors (10 in.)
455059	Compressor Lead Set - 10 AWG #10 Ring Terminal & Butt Connectors (10 in.)



QwikLug Compressor Terminal Repair Kit



A quick and simple method to repair compressor terminals; QwikLug easily attaches to damaged or corroded spade connectors. Simply push the QwikLug connector on and tighten it from the front with a Phillips screwdriver. QwikLug comes with color coded leads for connecting to existing wiring. The outer connector housing is a nylon insulator so the connectors can touch without shorting.

- Fits all standard compressor terminals

- Replaces damaged or corroded spade terminals
- Tightens from the front with a screwdriver for fast installation
- Durable connections tested for over 100,000 compressor starts
- Non-metallic connector prevents short circuits
- Available for 10 AWG and 12 AWG circuits
- Includes wire nuts and three screw-tight connectors with 2 ft. or 4 ft. lead wires

PART NO	DESCRIPTION	CASE QTY	CASE REQ
QT2810	QwikLug Compressor Terminal Repair Kit (10 AWG - 2 ft.)	10	Yes
QT2812	QwikLug Compressor Terminal Repair Kit (12 AWG - 2 ft.)	10	Yes
QT2910	QwikLug Compressor Terminal Repair Kit (10 AWG - 4 ft.)	10	Yes
QT2912	QwikLug Compressor Terminal Repair Kit (12 AWG - 4 ft.)	10	Yes

Zebra Instruments Soldered Compressor Lead Set



Pre-made compressor lead sets with 1/4 inch flag terminals; terminals are high-temperature soldered to the leads for improved connection; includes twist-on wire connectors.

PART NO	DESCRIPTION
ZCTRK	Compressor Lead Set - 10 AWG 1/4 in. Flag Terminals & Twist-On Wire Connectors

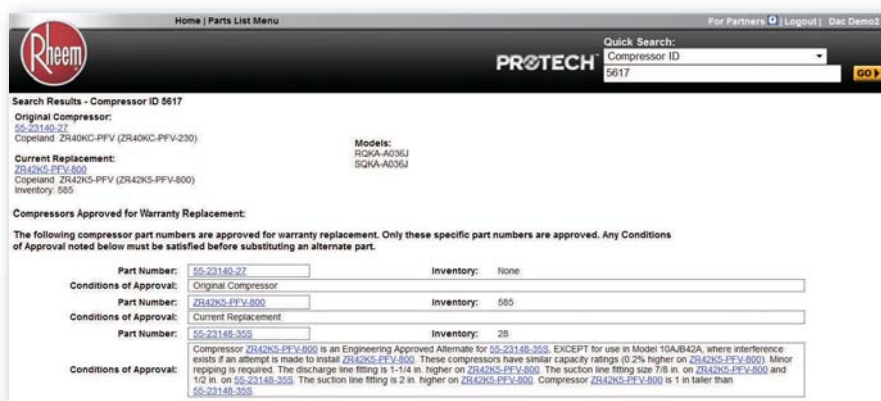
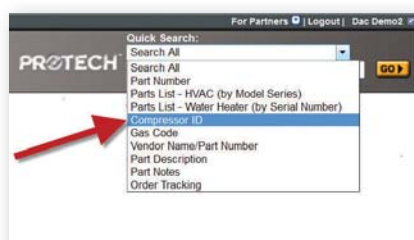


WARRANTY COMPRESSOR SELECTION PROCEDURE

Using the correct replacement compressor is imperative to ensure any system performs to original Rheem, Ruud and WeatherKing design specifications, to reduce the likelihood of additional failures, and to perform to our customer's expectations.

To determine what compressors are approved for warranty:

- Simply enter the Compressor ID from the unit nameplate into the web search on www.rheemparts.com or www.ruudparts.com. See below for assistance in locating these search tools. You can also find these search options on MyRheem.com and MyRuud.com.
- The list of approved compressors will be shown on the search results screen. Included with the results are any special notes, such as the need to supply a molded plug harness with the replacement compressor or refrigerant piping changes required (see below for assistance in locating these search tools).



The use of any other compressor not shown on the Compressor ID results screen requires PRE-APPROVAL from Rheem Manufacturing Company.

Requests for warranty replacement using compressors that are not on the approved list will be considered only if ALL of the following criteria are met:

- 1 An order has been placed with the Parts Order Center for an approved compressor;
- 2 An approved replacement compressor is not available in the Parts Distribution Center;
- 3 The Parts Order Center cannot expedite an approved replacement compressor from a manufacturing facility or the compressor vendor; and;
- 4 The full unit model and serial number has been provided to the Parts Order Center (You may also provide the part number of a compressor in your inventory that you believe could qualify as a replacement in an emergency situation).

When these criteria are met, direct your request for alternate approval to the Parts Order Center.

This image shows a single sheet of white paper with horizontal grey ruling lines. The lines are evenly spaced and run across the width of the page. In the top right corner, there is a light blue curved tab or piece of paper partially visible. The rest of the page is blank and contains no text or other markings.

This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. In the top-left corner, there is a small, light blue circular sticker or piece of tape. The paper appears to be part of a notebook or a set of stationery.