REFRIGERATION & AIR CONDITIONING COMPRESSORS

COPELAND · Tecumseh · Danfoss · BRISTOL COMPRESSORS · embraco

Maneurop Inc. · Bitzer · Genuine Carlyle Remanufactured Compressors · BRAINERD COMPRESSOR INC.

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OEM COMPRESSOR REPLACEMENT PACK

A revolutionary approach for field retrofit of A/C condensing units. The "Pack" of matched service parts and compressor, selected by BTUH, is conveniently packaged for the professional service technician. Available in all of the most common size required for service applications from 1 1/2 through 12 tons, single or three phase, reciprocating or scroll compressor retrofit. Save time by having all the quality parts you need the first trip to the unit. With POE oil.

Contents include:

- Scroll Compressor OR Recip Compressor with Crankcase Heater (as shown on box)
- (2) Copper tubes (swedged OR non swedged)
- (1) Capacitor Strap
- (1) 90° Street Elbow
- (1) Compressor/Fan Capacitor
- (4 or 5 depending on size) Copper Couplings
- (2 or 3) Fan Capacitors
- (1) Drier (bi-flow up to 5 tons)
- (1) Wiring Harness
- (1) Compressor Contactor
- (1) Compressor Wiring Directions
- (1) Acid Test
- (1) Field Reference Guide
- 2 Year Warranty

OEM SCROLL PACK

Part No.	Capacity BTUH	HP	Refrig.		Voltage	Oil	RLA Amps	Height (In.)	Ship Wgt. (Lbs.)	Price
OEMZE25A-HP	25000	2	R22	R407C	208-230/1/60	POE	—	14.8	68	**960.76**
OEMZE28A-HP	28000	2 1/4	R22	R407C	208-230/1/60	POE	15	14.8	68	**976.28**
OEMZE32A-HP	34000	2 3/4	R22	R407C	208-230/1/60	POE	16.7	16.26	68	**1018.12**
OEMZE38A-HP	38000	3	R22	R407C	208-230/1/60	POE	21.4	17.3	74	**1094.44**
OEMZE42A-HP	40000	3 1/4	R22	R407C	208-230/1/60	POE	21	16.3	74	**1144.38**
OEMZE48A-HP	47000	3 3/4	R22	R407C	208-230/1/60	POE	24.4	17.3	77	**1246.36**
OEMZE57A-HP	57000	4 3/4	R22	R407C	208-230/1/60	POE	17.9	17.9	89	**1462.00**
OEMZE61A-HP	61000	5	R22	R407C	208-230/1/60	POE	28.8	17.9	89	**1527.62**
OEMZE61D-HP	61000	5	R22	R407C	208-230/3/60	POE	17.9	17.9	89	**1606.52**
OEMZP20A-HP	20000	1 1/2	R410A		208-230/1/60	POE	15	15.27	56.00	**1042.00**
OEMZP24A-HP	24000	2	R410A		208-230/1/60	POE	14.3	15.27	56.00	**1098.00**
OEMZP31A-HP	31000	2 1/2	R410A		208-230/1/60	POE	18.6	15.27	56.00	**1180.00**
OEMZP34A-HP	34000	2 1/2	R410A		208-230/1/60	POE	20	16.94	81.00	**1198.00**
OEMZP38A-HP	38000	3	R410A		208-230/1/60	POE	22.1	16.94	81.00	**1264.00**
OEMZP42A-HP	42000	3 1/2	R410A		208-230/1/60	POE	24.3	16.94	81.00	**1298.00**
OEMZP49A-HP	49000	4	R410A		208-230/1/60	POE	27.9	16.94	81.00	**1518.00**
OEMZP54A-HP	54000	4 1/2	R410A		208-230/1/60	POE	29.3	16.94	81.00	**1536.00**
OEMZP54D-HP	54000	4 1/2	R410A		200-230/3/60	POE	17.4	16.94	81.00	**1778.00**
OEMZP54F-HP	54000	4 1/2	R410A		460/3/60	POE	8.6	16.94	81.00	**1778.00**
OEMZP61A-HP	61000	5	R410A		208-230/1/60	POE	34.3	17.36	81.00	**1706.00**
OEMZP61D-HP	61000	5	R410A		200-230/3/60	POE	21.9	17.50	81.00	**1938.00**
OEMZP61F-HP	61000	5	R410A		460/3/60	POE	9.1	17.50	81.00	**1938.00**

OEM SCROLL PACK

New Models now available for use with R-410A Refrigerant

THE ALL-IN-ONE PACKAGE.

A revolutionary approach for field retrofit of A/C and Heat Pumps. The "Pack" of matched service parts and compressor, selected by BTUH, is conveniently packaged for the professional service technician.

Available in all of the most common sizes required for service applications from 1-1/2 through 12 tons, single or three phase, reciprocating or scroll compressor retrofit. Save time by having all the quality parts you need the first trip to the unit.

Get your OEM Compressor Pack today and make your job easier! Now with POE OIL!

OEM COMMERCIAL SCROLL PACK

The all in one package for commercial applications.
Includes the appropriate ZR scroll compressor

Contents include the same as the other OEM packs, plus:

- (1) Compressor Baseplate to fit multiple compressor fittings
- (4) Compressor Bolts, Washers and Hex Nuts
- 2 Year Warranty

Part No.	Capacity BTUH	HP	Refrig.		Voltage	Oil	RLA Amps	Height (In.)	Ship Wgt. (Lbs.)	Price
OEMZE72D	72000	6	R22	R407C	208-230/3/60	POE	20.7	22.2	102	**1680.28**
OEMZE72F	72000	6	R22	R407C	460/3/60	POE	10.0	22.2	102	**1680.28**
OEMZE94D	94000	7 1/2	R22	R407C	208-230/3/60	POE	32.1	23.3	165	**3061.56**
OEMZE94F	94000	7 1/2	R22	R407C	460/3/60	POE	16.4	23.3	165	**2960.02**
OEMZE108D	108000	9	R22	R407C	208-230/3/60	POE	33.6	25.0	165	**3192.42**
OEMZE108F	108000	9	R22	R407C	460/3/60	POE	17.3	25.0	165	**3090.86**
OEMZE125D	125000	10	R22	R407C	208-230/3/60	POE	42.0	25.0	167	**3490.60**
OEMZE125F	125000	10	R22	R407C	460/3/60	POE	19.2	25.0	167	**3293.66**
OEMZE144D	144000	12	R22	R407C	208-230/3/60	POE	47.1	25.0	167	**3803.50**
OEMZE144F	144000	12	R22	R407C	460/3/60	POE	19.6	25.0	167	**3496.78**

HERMETIC/SCROLL COMPRESSOR CROSS REFERENCE

Approx HP	Capacity Range (BTU)	Voltage	Copeland Scroll*		Copeland Recip*		Tecumseh Recip	Bristol Recip*		Maneurop Recip*	
			R22	R407C	R22	R407C	R22	R22	R407C	R22	R407C
1 1/4	16K	208-230/1	ZR16K5EPFV800		CR16K6EPFV875		AJB5515EXD	H22J15BABCAP			
1 1/2	18 - 20K	208-230/1	ZR18K5EPFV800		CR18K6EPFV875		AJC5519EXD	H22J18BABCAP		MTZ18JA2	
		208-230/3			CR18K6ETF5875		AWG5519EXN			MTZ18JA3	
		460/3			CR18K6ETFD875						
1 3/4	20 - 22K	208-230/1	ZR21K5EPFV800		CR22K6EPFV875		AWG4520EXN	H22J22BABCAP		MTZ22JC2	
		208-230/3	ZR21K5ETF5800		CR22K6ETF5875		AWG5520EXT			MTZ22JC3	
2	23 - 26K	208-230/1	ZR25K5EPFV800		CR24K6EPFV875		AWG5524EXN	H22J25BABCAP			
		208-230/3			CR24K6ETF5875		AWG5524EXT				
		460/3	ZR25K5ETFD800		CR24K6ETFD875		AWF5524EXG				
2 1/4	27 - 29K	208-230/1	ZR28K5EPFV800		CR28K6EPFV875		AWG5528EXN	H2EB28SABCAP			
		208-230/3			CR28K6ETF5875						
		460/3			CR28K6ETFD875						
2 1/2	30K	208-230/1			CR30K6EPFV875		AWG5530EXN			MTZ28JE2	
2 3/4	32 - 34K	208-230/1	ZR32K5EPFV800		CR32K6EPFV875		AVA5532EXN	H2EB32SABCAP		MTZ32JF2	
		208-230/3	ZR32K5ETF5800		CR32K6ETF5875					MTZ32JF3	
		460/3	ZR32K5ETFD800		CR32K6ETFD875						
3	35 - 36K	208-230/1			CR35K6EPFV875		AVA5535EXN	H22J36BABCAP			
		208-230/3			CR35K6ETF5875		AVA5535EXT	H22J363DBLAP			
		460/3			CR35K6ETFD875			H22J363DBVAP			
3 1/4	37 - 38K	208-230/1	ZR38K5EPFV800		CR38K6EPFV875		AVA5538EXN	H22J38BABCAP		MTZ36JG2	
		208-230/3	ZR38K5ETF5800		CR38K6ETF5875		AVA5538EXT	H22J383DBLAP		MTZ36JG3	
		460/3	ZR38K5ETFD800		CR38K6ETFD875		AVA5538EXG	H22J383DBVAP		MTZ36JG4	
3 1/2	39 - 43K	208-230/1	ZR42K5EPFV800		CR42K6EPFV875		AVA5542EXN	H22J41BABCAP			
		208-230/3	ZR42K5ETF5800		CR42K6ETF5875		AVA5542EXT	H22J413DBLAP		MTZ40JH3	
		460/3	ZR42K5ETFD800		CR42K6ETFD875		AVA5542EXG	H22J413DBVAP		MTZ40JH4	
4	44 - 49K	208-230/1	ZR48K5EPFV800		CR47KQEPFV970		AVA5546EXN	H22JB44ABCAP		MTZ44HJ2	
		208-230/3	ZR48K5ETF5800		CR47KQETF5970		AVA5546EXT	H22J443DBLAP		MTZ44HJ3	
		460/3	ZR48K5ETFD800		CR47KQETFD970		AVA5546EXG	H22J443DBVAP		MTZ44HJ4	
4 1/2	50 - 55K	208-230/1	ZR54K5EPFV800		CR53KQEPFV970		AGA5553EXN	H22A543ABCAP			
		208-230/3	ZR54K5ETF5800		CR53KQETF5970		AGA5553EXT	H22A543DBLAP			
		460/3	ZR54K5ETFD800		CR53KQETFD970		AGA5553EXG	H22A543DBEAP			
4 3/4	56 - 58	208-230/1	ZR57K3EPFV930		CRPQ045EPFV970			H22A583ABCAP		MTZ56HL2	
		208-230/3	ZR57K3ETF5930		CRPQ045ETF5970			H22A583DBLAP		MTZ56HL3	
		460/3	ZR57K3ETFD930		CRPQ045ETFD970			H22A583DBEAP		MTZ56HL4	
5	59 -62K	208-230/1	ZR61K3EPFV930		CRNQ050EPFV970		AGA5561EXN	H22A623ABCAP		MTZ64HM2	
		208-230/3	ZR61K3ETF5930		CRNQ050ETF5970		AGA5561EXT	H22A623DBLAP		MTZ64HM3	
		460/3	ZR61K3ETFD930		CRNQ050ETFD970		AGA5561EXG	H22A623DBVAP		MTZ64HM4	
6	68 - 72K	208-230/1					AGA5568EXN				
		208-230/3	ZR72KCETF5950				AGA5568EXT	H29A723DBLAP		MTZ72HN3	
		460/3	ZR72KCETFD950				AGC5568EXG	H29A726DBVAP		MTZ72HN4	
7	80 - 84K	208-230/3	ZR84KCETF5950							MTZ80HP3	
		460/3	ZR84KCETFD950							MTZ80HP4	
7 1/2	90 - 96K	208-230/3	ZR94KCETF5950					H92G094DBDE-R			
		460/3	ZR94KCETFD950					H92G094DBEE-R			
9	102 - 110K	208-230/3	ZR108KCETF5950					H92G104DBDE-R		MTZ100HS3	
		460/3	ZR108KCETFD950					H92G104DBEE-R		MTZ100HS4	
10	120 - 125K	208-230/3	ZR125KCETF5950					H92G124DBDE-R		MT125HU3	
		460/3	ZR125KCETFD950					H92G124DBEE-R		MT125HU4	
12	142 - 146K	208-230/3	ZR144KCETF5950					H92G144DBDE-R		MTZ144HU3	
		460/3	ZR144KCETFD950					H92G144DBEE-R		MTZ144HU4	
13	156 - 161K	208-230/3	ZR160KCETW5950							MTZ160HW3	
		460/3	ZR160KCETWD950							MTZ160HW4	
15	180 - 190K	208-230/3	ZR190KCETW5950					H9NG184DBDF-R			
		460/3	ZR190KCETFD950					H9NG184DPEF-R			
17	200 - 220K	208-230/3						H92G204FRDF-R			
		460/3						H92G204DREF-R			
20	240 - 250K	208-230/3	ZR250KCETWC950					H92G244FRDF-R			
		460/3	ZR250KCETWD950					H92G244DREF-R			
25	300K	208-230/3	ZR300KCETWC950								
		460/3	ZR300KCETWD950								

*Contains POE Oil

With Rotolocks = 965 B/M

Danfoss Scroll	Danfoss Scroll*		OEM Pack Scroll*		OEM Pack Recip*		Copeland Scroll*	OEM Pack Scroll*
R22	R22	R407C	R22	R407C	R22	R407C	R410A	R410A
					OEMRE18A-HP		ZP14K5EPFV800	
							ZP16K5EPFV800	
							ZP20K5EPFV800	OEMZP20A-HP
							ZP20K5ETF5800	
			OEMZE25A-HP		OEMRE24A-HP		ZP24K5EPFV800	OEMZP24A-HP
							ZP24K5ETF5800	
							ZP24K5ETFD800	
			OEMZE28A-HP		OEMRE28A-HP		ZP28K5EPFV800	
							ZP28K5ETF5800	
							ZP28K5ETFD800	
HRM032U1LP6			OEMZE32A-HP				ZP31K5EPFV800	OEMZP31A-HP
							ZP31K5ETF5800	
							ZP31K5ETFD800	
HRM034U1LP6	HRP034T4LP6		OEMZ34A-HP		OEMRE34A-HP		ZP34K5EPFV800	OEMZP34A-HP
							ZP34K5ETF5800	
							ZP34K5ETFD800	
HRM038U1LP6	HRP038T1LP6				OEMRE37A-HP		ZP38K5EPFV800	OEMZP38A-HP
HRM038U2LP6	HRP038T4LP6						ZP38K5ETF5800	
							ZP38K5ETFD800	
HRM042U1LP6	HRP042T1LP6		OEMZE42A-HP		OEMRE41A-HP		ZP42K5EPFV800	OEMZP42A-HP
HRM042U2LP6	HRP042T2LP6						ZP42K5ETF5800	
	HRP042T4LP6						ZP42K5ETFD800	
HRM047U1LP6	HRP047T1LP6		OEMZE48A-HP		OEMRE47A-HP		ZP49K5EPFV800	OEMZP49A-HP
HRM047U2LP6	HRP047T2LP6						ZP49K5ETF5800	
HRM047U4LP6	HRP047T4LP6						ZP49K5ETFD800	
HRM054U1LP6	HRP054T1LP6				OEMRE53A-HP		ZP54K5EPFV800	OEMZP54A-HP
HRM054U2LP6	HRP054T2LP6				OEMRE53D-HP		ZP54K5ETF5800	OEMZP54D-HP
HRM054U4LP6	HRP054T4LP6						ZP54K5ETFD800	OEMZP54F-HP
HRM058U1LP6			OEMZE57A-HP				ZP57K5EPFV800	
HRM058U2LP6							ZP57K5ETF5800	
HRM058U4LP6							ZP57K5ETFD800	
HRM060U1LP6	HRP060T1LP6		OEMZE61A-HP		OEMRE60A-HP		ZP61K5EPFV800	OEMZP61A-HP
HRM060U2LP6	HRP060T2LP6		OEMZE61D-HP		OEMRE60D-HP		ZP61K5ETF5800	OEMZP61D-HP
HRM060U4LP6	HRP060T4LP6						ZP61K5ETFD800	OEMZP61F-HP
							ZP72KCEPFV950	
			OEMZE72D				ZP72KCETF5950	
			OEMZE72F				ZP72KCETFD950	
							ZP83KCETF5950	
							ZP83KCETFD950	
SM090-3VI	SZ090-3VI		OEMZE94D				ZP90KCETF5950	
SM090-4VI	SZ090-4VI		OEMZE94F				ZP90KCETFD950	
SM115-3QAI	SZ115-3QAI		OEMZE108D				ZP103KCETF5950	
SM115-4QAI	SZ115-4QAI		OEMZE108F				ZP103KCETFD950	
SM125-3QAI	SZ125-3QAI		OEMZE125D				ZP120KCETF5950	
SM125-4QAI	SZ125-4QAI		OEMZE125F				ZP120KCETFD950	
			OEMZE144D				ZP137KCETF5950	
			OEMZE144F				ZP137KCETFD950	
SM160-3CBI	SZ160-3CBI						ZP154KCETE5950	
SM160-4CBI	SZ160-4CBI						ZP154KCETED950	
SM185-3QAI	SZ185-3QAI						ZP182KCETE5965	
SM185-4QAI	SZ185-4QAI						ZP182KCETED965	
							ZP235KCETEC951	
							ZP235KCETED951	
							ZP285KCETEC951	
							ZP285KCETED951	
							ZP296KCETE5951	
							ZP296KCETED951	

*Contains POE Oil

ARI Rating Conditions:
20°F Superheat
45°F Evaporator
15°F Subcooling
130°F Condensing

- This table reflects stocking models only
- This table is meant as a guide only
- Physical considerations: mounting and tubing connections must be considered when selecting a replacement

MULTI APPLICATION HERMETIC COMPRESSOR

ZF24K4E

REFRIGERATION SCROLL

The newest compressor technology, more efficient, more fault tolerant, more adaptable. Some applications may require liquid injection.

- Suitable for applications:
  -40°F to +30°F -R404A, R507, R134a, R448A
  -40°F to +45°F -R22

Rated Load Amps: R404A Applications/R22 Applications

Note single phase units not rated R22. RLA for R404A only

		Capacity											
Part No.	**HP**	**R404A**	**BTU**	R407A	BTU	R407C	BTU	**R507**	**BTU**	**R22**	**BTU**	**R134a**	**BTU**
ZF06K4EPFV931	2	LT -25	6,500	LT -25	5,000	LT -25	4,800	LT -25	6,695				
ZF06K4EPFV961		EMT 20	14,700					EMT 20	15,141				
ZF06K4ETF5931	2	LT -25	6,560	LT -25	5,660	LT -25	5,290			LT -25	6,130		
ZF06K4ETF5961		EMT 20	14,700					LT -25	6,757	MT 20	15,500		
ZF06K4ETFD931								EMT 20	15,141	HT 45	22,700		
ZF06K4ETFD961													
ZF08K4EPFV931	2 1/2	LT -25	8,300					LT –25	8,549				
ZF08K4EPFV961		EMT 20	18,900					EMT 20	19,467				
ZF08K4ETF5931	2 1/2	LT -25	8,300	LT -25	6,990					LT -25	7,800		
ZF08K4ETF5961		EMT 20	18,900					LT –25	8,549	MT 20	19,700		
ZF08K4ETFD931								EMT 20	19,467	HT 45	28,900		
ZF08K4ETFD961													
ZF09K4EPFV931	3	LT -25	9,300	LT -25	7,230	LT -25	6,810	LT –25	9,579				
ZF09K4EPFV961		EMT 20	20,910					EMT 20	21,537				
ZF09K4ETF5931	3	LT -25	9,300	LT -25	6,370	LT -25	7,360			LT -25	8,830		
ZF09K4ETF5961		EMT 20	20,910					LT –25	9,579	MT 20	21,500		
ZF09K4ETFD931								EMT 20	21,537	HT 45	32,340		
ZF09K4ETFD961													
ZF11K4EPFV931	3 1/2	LT -25	11,500	LT -25	8,990	LT -25	8,460	LT –25	11,845				
ZF11K4EPFV961		EMT 20	26,200					EMT 20	29,986				
ZF11K4ETF5931	3 1/2	LT -25	11,500	LT -25	9,670	LT -25	9,080			LT -25	10,900		
ZF11K4ETF5961		EMT 20	26,200					LT –25	11,845	MT 20	26,600		
ZF11K4ETFD931								EMT 20	29,986	HT 45	39,860		
ZF11K4ETFD961													
ZF13K4EPFV931	4	LT -25	13,200	LT -25	11,200	LT -25	10,550	LT –25	13,596				
ZF13K4EPFV961		EMT 20	30,800					EMT 20	31,724				
ZF13K4ETF5931	4	LT -25	13,200			LT -25	10,100			LT -25	12,600	LT -25	7,100
ZF13K4ETF5961		EMT 20	30,800					LT –25	13,596	MT 20	31,100	MT 20	19,500
ZF13K4ETFD931								EMT 20	31,724	HT 45	46,600		
ZF13K4ETFD961													
ZF15K4EPFV931	5	LT -25	16,400	LT -25	14,550	LT -25	13,200	LT -25	16,892				
ZF15K4EPFV961		EMT 20	37,400					EMT 20	38,522				
ZF15K4ETF5931	5	LT -25	16,400	LT -25	13,600	LT -25	12,600			LT -25	15,500	LT -25	8,700
ZF15K4ETF5961		EMT 20	37,400					LT -25	16,892	MT 20	38,000	MT 20	24,000
ZF15K4ETFD931								EMT 20	38,522	HT 45	56,590		
ZF15K4ETFD961													
ZF18K4ETF5931	6	LT -25	19,500	LT -25	16,500	LT -25	15,300	LT -25	20,085	LT -25	18,200	LT -25	10,300
ZF18K4ETF5961		EMT 20	45,000					EMT 20	46,350	MT 20	45,400	MT 20	28,800
ZF18K4ETFD931										HT 45	68,400		
ZF18K4ETFD961													
ZF24K4ETWC951	7 1/2	LT -25	23,400	LT -25	27,500			LT -25	24,102	LT -25	21,800	LT -25	12,700
ZF24K4ETWD951		EMT 20	53,600	EMT 20	66,500			EMT 20	55,208	MT 20	54,300	MT 20	34,400
										HT 45	82,430		
ZF33K4ETWC951	10	LT -25	33,500	LT -25	38,100			LT -25	34,505	LT -25	31,100	LT -25	17,600
ZF33K4ETWD951		EMT 20	76,600	EMT 20	92,000			EMT 20	78,898	MT 20	76,700	MT 20	48,800
										HT 45	119,000		
ZF40K4ETWC951	13	LT -25	41,000	LT-25	48800			LT -25	42,230	LT -25	37,500		
ZF40K4ETWD951		EMT 20	93,200	EMT 20	120000			EMT 20	95,996	MT 20	94,300		
										HT 45	142,700		
ZF48K4ETWC951	15	LT -25	47,100					LT -25	48,513	LT -25	43,200		
ZF48K4ETWD951		EMT 20	107,200					EMT 20	110,416	MT 20	108,400		
										HT 45	164,100		

Run Capacitor required for operation, not provided
RL connections require valve or adapter

These compressors can be used with a variety of refrigerants at varying conditions. Observe the refrigerant and temperature guidelines and contact your United branch for applications outside the specified boundaries.

COPELAND™

Part No.	HP	Voltage	RLA R404A/R22 (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZF06K4EPFV931	2	208-230/1/60	13.6/-	**40 x 370**	7.5 x 7.5	14.7	3/4 S	1/2 S	56	**2949.36**
ZF06K4EPFV961	2	208-230/1/60	13.6/-	**40 x 370**	7.5 x 7.5	14.7	**1 1/4 RL**	**1 RL**	56	**3025.40**
ZF06K4ETF5931	2	200-230/3/60	9.3/7.9	—	7.5 x 7.5	14.7	3/4 S	1/2 S	56	**3042.42**
ZF06K4ETF5961	2	200-230/3/60	9.3/7.9	—	7.5 x 7.5	14.7	**1 1/4 RL**	**1 RL**	56	**3118.52**
ZF06K4ETFD931	2	460/3/60	4.3/3.6	—	7.5 x 7.5	14.7	3/4 S	1/2 S	56	**3042.42**
ZF06K4ETFD961	2	460/3/60	4.3/3.6	—	7.5 x 7.5	14.7	**1 1/4 RL**	**1 RL**	56	**3118.52**
ZF08K4EPFV931	2 1/2	208-230/1/60	16.4/-	**45 x 370**	7.5 x 7.5	15.6	3/4 S	1/2 S	65	**3064.62**
ZF08K4EPFV961	2 1/2	208-230/1/60	16.4/-	**45 x 370**	7.5 x 7.5	15.6	**1 1/4 RL**	**1 RL**	65	**3140.68**
ZF08K4ETF5931	2 1/2	200-230/3/60	9.7/7.9	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	**3158.00**
ZF08K4ETF5961	2 1/2	200-230/3/60	9.7/7.9	—	7.5 x 7.5	15.6	**1 1/4 RL**	**1 RL**	65	**3234.06**
ZF08K4ETFD931	2 1/2	460/3/60	5.0/3.9	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	**3158.00**
ZF08K4ETFD961	2 1/2	460/3/60	5.0/3.9	–	7.5 x 7.5	15.6	**1 1/4 RL**	**1 RL**	65	**3234.06**
ZF09K4EPFV931	3	208-230/1/60	16.4/-	**50 x 370**	7.5 x 7.5	15.6	3/4 S	1/2 S	65	**3185.04**
ZF09K4EPFV961	3	208-230/1/60	16.4/-	**50 x 370**	7.5 x 7.5	15.6	**1 1/4 RL**	**1 RL**	65	**3261.06**
ZF09K4ETF5931	3	200-230/3/60	11.1/10.0	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	**3278.76**
ZF09K4ETF5961	3	200-230/3/60	11.1/10.0	—	7.5 x 7.5	15.6	**1 1/4 RL**	**1 RL**	65	**3354.76**
ZF09K4ETFD931	3	460/3/60	5.7/5.0	—	7.5 x 7.5	15.6	3/4 S	1/2 S	65	**3278.76**
ZF09K4ETFD961	3	460/3/60	5.7/5.0	—	7.5 x 7.5	15.6	**1 1/4 RL**	**1 RL**	65	**3354.76**
ZF11K4EPFV931	3 1/2	208-230/1/60	20.7/-	**60 x 370**	7.5 x 7.5	16.1	3/4 S	1/2 S	68	**3247.48**
ZF11K4EPFV961	3 1/2	208-230/1/60	20.7/-	**60 x 370**	7.5 x 7.5	16.1	**1 1/4 RL**	**1 RL**	68	**3323.48**
ZF11K4ETF5931	3 1/2	200-230/3/60	13.6/12.5	—	7.5 x 7.5	16.1	3/4 S	1/2 S	68	**3341.20**
ZF11K4ETF5961	3 1/2	200-230/3/60	13.6/12.5	—	7.5 x 7.5	16.1	**1 1/4 RL**	**1 RL**	68	**3417.20**
ZF11K4ETFD931	3 1/2	460/3/60	7.1/6.4	—	7.5 x 7.5	16.1	3/4 S	1/2 S	68	**3341.20**
ZF11K4ETFD961	3 1/2	460/3/60	7.1/6.4	—	7.5 x 7.5	16.1	**1 1/4 RL**	**1 RL**	68	**3417.20**
ZF13K4EPFV931	4	208-230/1/60	26.8/-	**60 x 370**	7.5 x 7.5	17.4	7/8 S	1/2 S	85	**3384.04**
ZF13K4EPFV961	4	208-230/1/60	26.8/-	**60 x 370**	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	85	**3461.50**
ZF13K4ETF5931	4	200-230/3/60	15.0/12.4	—	7.5 x 7.5	17.4	7/8 S	1/2 S	85	**3479.46**
ZF13K4ETF5961	4	200-230/3/60	15.0/12.4	—	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	85	**3556.98**
ZF13K4ETFD931	4	460/3/60	8.2/6.8	—	7.5 x 7.5	17.4	7/8 S	1/2 S	85	**3479.46**
ZF13K4ETFD961	4	460/3/60	8.2/6.8	—	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	85	**3556.98**
ZF15K4EPFV931	5	208-230/1/60	31.8/-	**80 x 370**	7.5 x 7.5	17.4	7/8 S	1/2 S	94	**3447.68**
ZF15K4EPFV961	5	208-230/1/60	31.8/-	**80 x 370**	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	94	**3525.16**
ZF15K4ETF5931	5	200-230/3/60	21.4/16.4	—	7.5 x 7.5	17.4	7/8 S	1/2 S	94	**3543.16**
ZF15K4ETF5961	5	200-230/3/60	21.4/16.4	—	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	94	**3620.62**
ZF15K4ETFD931	5	460/3/60	9.6/8.6	—	7.5 x 7.5	17.4	7/8 S	1/2 S	94	**3543.16**
ZF15K4ETFD961	5	460/3/60	9.6/8.6	—	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	94	**3620.62**
ZF18K4ETF5931	6	200-230/3/60	23.9/20.0	—	7.5 x 7.5	17.4	7/8 S	1/2 S	95	**3670.42**
ZF18K4ETF5961	6	200-230/3/60	23.9/20.0	—	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	95	**3747.98**
ZF18K4ETFD931	6	460/3/60	9.3/7.5	—	7.5 x 7.5	17.4	7/8 S	1/2 S	95	**3670.42**
ZF18K4ETFD961	6	460/3/60	9.3/7.5	—	7.5 x 7.5	17.4	**1 1/4 RL**	**1 RL**	95	**3747.98**
ZF24K4ETWC951	7 1/2	208-230/3/60	30.9/23.5	—	8.7 x 8.7	21.2	**1 3/4 RL**	**1 1/4 RL**	225	**7387.44**
ZF24K4ETWD951	7 1/2	460/3/60	16.2/11.8	—	8.7 x 8.7	21.2	**1 3/4 RL**	**1 1/4 RL**	225	**7387.44**
ZF33K4ETWC951	10	208-230/3/60	44.9/31.0	—	8.7 x 8.7	21.2	**1 3/4 RL**	**1 1/4 RL**	225	**8304.80**
ZF33K4ETWD951	10	460/3/60	21.7/15.1	—	8.7 x 8.7	21.2	**1 3/4 RL**	**1 1/4 RL**	225	**8304.80**
ZF40K4ETWC951	13	208-230/3/60	54.4/41.9	—	8.7 x 8.7	21.2	**1 3/4 RL**	**1 1/4 RL**	240	**9037.90**
ZF40K4ETWD951	13	460/3/60	25.8/20.6	—	8.7 x 8.7	21.2	**1 3/4 RL**	**1 1/4 RL**	240	**9037.90**
ZF48K4ETWC951	15	208-230/3/60	60.0/48.2	—	8.7 x 8.7	23.4	**2 1/4 RL**	**1 3/4 RL**	240	**9771.08**
ZF48K4ETWD951	15	460/3/60	28.2/22.1	—	8.7 x 8.7	23.4	**2 1/4 RL**	**1 3/4 RL**	240	**9771.08**

MULTI APPLICATION HERMETIC COMPRESSOR

ZB SCROLL

The newest compressor technology, more efficient, more fault tolerant, more adaptable.

- Suitable for applications:
  0 to +45°F - R404A/R507
  +20 to +60°F - R134a
  +25 to +55°F - R22

		Capacity											
Part No.	HP	R404A	BTU	R407A	BTU	R407C	BTU	R507	BTU	R22	BTU	R134a	BTU
ZB15KCEPFV940	2	HT 45	21,300	MT 20	14,200	MT 20	2,110	HT 45	22,000	HT 45	23,200	HT 45	15,500
		MT 20	14,900					MT 20	15,300	MT 20	14,900	MT 20	9,140
ZB15KCETF5940	2	HT 45	21,100			HT 45	21,800	HT 45	21,800	HT 45	23,700	HT 45	16,100
ZB15KCETFD940		MT 20	14,600			MT 20	13,200	MT 20	15,000	MT 20	15,200	MT 20	9,360
ZB19KCEPFV930	2 1/2	HT 45	26,700	MT 20	17,000	HT 45	24,600	HT 45	27,500	HT 45	26,700	HT 45	17,800
ZB19KCEPFV940		MT 20	18,600					MT 20	19,100	MT 20	17,200	MT 20	10,500
ZB19KCETF5930	2 1/2	HT 45	26,400			HT 45	24,600	HT 45	27,200	HT 45	26,600	HT 45	18,600
ZB19KCETF5940		MT 20	18,400					MT 20	19,000	MT 20	17,000	MT 20	10,800
ZB19KCETFD930													
ZB19KCETFD940													
ZB21KCEPFV930	3	HT 45	31,900					HT 45	32,800	HT 45	33,800	HT 45	22,500
ZB21KCEPFV940		MT 20	22,200					MT 20	22,900	MT 20	21,700	MT 20	13,300
ZB21KCETF5930	3	HT 45	31,800	MT 20	21,400	HT 45	32,800	HT 45	32,700	HT 45	34,400	HT 45	23,400
ZB21KCETF5940		MT 20	22,100			MT 20	20,100	MT 20	22,800	MT 20	22,200	MT 20	13,600
ZB21KCETFD930													
ZB21KCETFD940													
ZB26KCEPFV930	3 1/2	HT 45	37,200	MT 20	23,900	HT 45	37,600	HT 45	38,400	HT 45	39,000	HT 45	26,000
ZB26KCEPFV940		MT 20	26,000			MT 20	23,600	MT 20	26,800	MT 20	25,000	MT 20	15,400
ZB26KCETF5930	3 1/2	HT 45	37,000			HT 45	37,600	HT 45	38,100	HT 45	39,700	HT 45	27,100
ZB26KCETF5940		MT 20	25,800			MT 20	23,600	MT 20	26,600	MT 20	25,700	MT 20	15,700
ZB26KCETFD930													
ZB26KCETFD940													
ZB30KCEPFV950	4	HT 45	46,400	MT 20	30,100	HT 45	43,000	HT 45	44,000	HT 45	46,400	HT 45	30,500
ZB30KCEPFV965		MT 20	30,300			MT 20	28,100	MT 20	30,500	MT 20	30,300	MT 20	18,000
ZB30KCETF5950	4	HT 45	42,500			HT 45	43,000	HT 45	43,700	HT 45	46,700	HT 45	31,800
ZB30KCETF5965		MT 20	29,600			MT 20	28,100	MT 20	30,500	MT 20	30,000	MT 20	18,500
ZB30KCETFD950													
ZB30KCETFD965													
ZB38KCEPFV950	5	HT 45	53,500	MT 20	36,900	HT 45	55,000	HT 45	55,000	HT 45	56,500	HT 45	37,600
ZB38KCEPFV965		MT 20	36,700			MT 20	34,700	MT 20	37,800	MT 20	34,100	MT 20	22,200
ZB38KCETF5950	5	HT 45	53,000			HT 45	55,000	HT 45	54,500	HT 45	57,500	HT 45	39,100
ZB38KCETF5965		MT 20	37,000			MT 20	34,700	MT 20	38,100	MT 20	37,1000	MT 20	22,700
ZB38KCETFD950													
ZB38KCETFD965													
ZB42KCEPFV950	5 1/2	HT 45	60,500			HT 45	59,000	HT 45	62,500	HT 45	62,000	HT 45	42,300
ZB42KCEPFV965		MT 20	42,200					MT 20	43,500	MT 20	39,200	MT 20	25,000
ZB45KCETF5950	6	HT 45	63,000	MT 20	42,200	HT 45	65,800	HT 45	65,000	HT 45	68,500	HT 45	45,400
ZB45KCETF5965		MT 20	43,900			MT 20	41,100	MT 20	45,200	MT 20	44,000	MT 20	26,800
ZB45KCETFD950													
ZB45KCETFD965													
ZB95KCETED950	13 1/2	HT 45	135500			H	140,500	HT 45	139,500	HT 45	144500	HT 45	94,300
		MT 20	94700					MT 20	97,500	MT 20	90400	MT 20	56,600
		HT 45	163000					HT 45	167,500	HT 45	172000	HT 45	114,000
		MT 20	113000					MT 20	116,500	MT 20	109500	MT 20	67,400

Run Capacitor required for operation, not provided
RL connections require valve or adapter
These compressors can be used with a variety of refrigerants at varying conditions. Observe the refrigerant and temperature guidelines and contact your United branch for applications outside the specified boundaries.

COPELAND™

Part No.	HP	Voltage	RLA (Amps)	Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs)	Price
ZB15KCEPFV940	2	208-230/1/60	15.7	**40 x 370**	7.5 x 7.5	15.3	1 1/4 RL	1 RL	56	**2790.36**
ZB15KCETF5940	2	200-230/3/60	8.9	—	7.5 x 7.5	15.3	**1 1/4 RL**	**1 RL**	56	**2910.14**
ZB15KCETFD940	2	460/3/60	5	—	7.5 x 7.5	15.3	**1 1/4 RL**	**1 RL**	56	**2910.14**
ZB19KCEPFV930	2 1/2	208-230/1/60	17.9	**45 x 370**	7.5 x 7.5	15.3	3/4 S	1/2 S	60	**2803.38**
ZB19KCEPFV940	2 1/2	208-230/1/60	17.9	**45 x 370**	7.5 x 7.5	15.3	**1 1/4 RL**	**1 RL**	60	**2912.70**
ZB19KCETF5930	2 1/2	200-230/3/60	10	—	7.5 x 7.5	15.3	3/4 S	1/2 S	60	**2922.98**
ZB19KCETF5940	2 1/2	200-230/3/60	10	—	7.5 x 7.5	15.3	**1 1/4 RL**	**1 RL**	60	**3032.46**
ZB19KCETFD930	2 1/2	460/3/60	5	—	7.5 x 7.5	15.3	3/4 S	1/2 S	60	**2922.98**
ZB19KCETFD940	2 1/2	460/3/60	5	—	7.5 x 7.5	15.3	**1 1/4 RL**	**1 RL**	60	**3032.46**
ZB21KCEPFV930	3	208-230/1/60	20.7	**50 x 370**	7.5 x 7.5	16.2	3/4 S	1/2 S	60	**2925.36**
ZB21KCEPFV940	3	208-230/1/60	20.7	**50 x 370**	7.5 x 7.5	16.2	**1 1/4 RL**	**1 RL**	60	**3034.82**
ZB21KCETF5930	3	200-230/3/60	12.1	—	7.5 x 7.5	16.2	3/4 S	1/2 S	60	**3044.92**
ZB21KCETF5940	3	200-230/3/60	12.1	—	7.5 x 7.5	16.2	**1 1/4 RL**	**1 RL**	60	**3154.48**
ZB21KCETFD930	3	460/3/60	6.1	—	7.5 x 7.5	16.2	3/4 S	1/2 S	60	**3044.92**
ZB21KCETFD940	3	460/3/60	6.1	—	7.5 x 7.5	16.2	**1 1/4 RL**	**1 RL**	60	**3154.48**
ZB26KCEPFV930	3 1/2	208-230/1/60	23.6	**60 x 370**	7.5 x 7.5	16.7	3/4 S	1/2 S	63	**2966.38**
ZB26KCEPFV940	3 1/2	208-230/1/60	23.6	**60 x 370**	7.5 x 7.5	16.7	**1 1/4 RL**	**1 RL**	63	**3135.20**
ZB26KCETF5930	3 1/2	200-230/3/60	13.2	—	7.5 x 7.5	16.7	3/4 S	1/2 S	63	**3145.52**
ZB26KCETF5940	3 1/2	200-230/3/60	13.2	—	7.5 x 7.5	16.7	**1 1/4 RL**	**1 RL**	63	**3254.90**
ZB26KCETFD930	3 1/2	460/3/60	6.4	—	7.5 x 7.5	16.7	3/4 S	1/2 S	63	**3145.52**
ZB26KCETFD940	3 1/2	460/3/60	6.4	—	7.5 x 7.5	16.7	**1 1/4 RL**	**1 RL**	63	**3254.90**
ZB30KCEPFV950	4	208-230/1/60	26.8	**60 x 370**	7.5 x 7.5	18	7/8 S	1/2 S	78	**3142.46**
ZB30KCEPFV965	4	208-230/1/60	26.8	**60 x 370**	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	78	**3252.02**
ZB30KCETF5950	4	200-230/3/60	15.7	—	7.5 x 7.5	18	7/8 S	1/2 S	78	**3262.10**
ZB30KCETF5965	4	200-230/3/60	15.7	—	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	78	**3371.76**
ZB30KCETFD950	4	460/3/60	7.5	—	7.5 x 7.5	18	7/8 S	1/2 S	78	**3262.10**
ZB30KCETFD965	4	460/3/60	7.5	—	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	78	**3371.76**
ZB38KCEPFV950	5	208-230/1/60	31.1	**80 x 370**	7.5 x 7.5	18	7/8 S	1/2 S	83	**3258.50**
ZB38KCEPFV965	5	208-230/1/60	31.1	**80 x 370**	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	83	**3367.86**
ZB38KCETF5950	5	200-230/3/60	22.1	—	7.5 x 7.5	18	7/8 S	1/2 S	83	**3378.10**
ZB38KCETF5965	5	200-230/3/60	22.1	—	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	83	**3487.64**
ZB38KCETFD950	5	460/3/60	9.6	—	7.5 x 7.5	18	7/8 S	1/2 S	83	**3378.10**
ZB38KCETFD965	5	460/3/60	9.6	—	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	83	**3487.64**
ZB42KCEPFV950	5 1/2	208-230/1/60	31.4	**50 x 440**	7.5 x 7.5	18	7/8 S	1/2 S	91	**3316.76**
ZB42KCEPFV965	5 1/2	208-230/1/60	31.4	**50 x 440**	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	91	**3359.00**
ZB45KCETF5950	6	200-230/3/60	22.5	—	7.5 x 7.5	18	7/8 S	1/2 S	87	**3489.32**
ZB45KCETF5965	6	200-230/3/60	22.5	—	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	87	**3598.84**
ZB45KCETFD950	6	460/3/60	10.1	—	7.5 x 7.5	18	7/8 S	1/2 S	87	**3489.32**
ZB45KCETFD965	6	460/3/60	10.1	—	7.5 x 7.5	18	**1 1/4 RL**	**1 RL**	87	**3598.84**
ZB95KCETED950	13	460/3/60	26.4	—	7.5 x 7.5	21.75	1 3/8 S	7/8 S	205	**5996.32**

MULTI APPLICATION HERMETIC COMPRESSOR

ZS SCROLL, HIGH/MEDIUM TEMP

Meeting the need for lower global warming potential refrigerants, ZS*KA is approved for use with R-404A, R507 (-30 to +45°F), R407C, R22, R134a, R448A (0 to 45°F) and R-407A (25 to 45°F). The ZS*KA also offers an extended operating envelope, covering the ZS*K4, ZB*KC, and CS*K6 operating envelopes.

- Replacements for compressors in FFAP, FFWP condensing units

		Capacity							
Part No.	HP	R404A	BTU	R407C	BTU	R22	BTU	R134a	BTU
ZS09KAEPFV818	1	HT 45	13,250	HT 45	13,650	HT 45	14,900	HT 45	9,650
		MT 20	9,430	MT 20	8,880	MT 20	9,660	MT 20	6,050
		LT-10	4,630						
ZS11KAEPFV818	1 1/2	HT 45	15,550	HT 45	16,300	HT 45	17,500	HT 45	11,500
ZS11KAETF5818		MT 20	11,050	MT 20	10,600	MT 20	11,350	MT 20	7,220
ZS11KAETFD818		LT-10	5,430						
ZS13KAEPFV818	1 3/4	HT 45	18,050	HT 45	18,650	HT 45	20,100	HT 45	13,200
ZS13KAETF5818		MT 20	12,850	MT 20	12,100	MT 20	13,050	MT 20	8,250
ZS13KAETFD818		LT-10	6,310						
ZS15KAEPFV818	2	HT 45	22,000	HT 45	22,500	HT 45	23,700	HT 45	15,900
ZS15KAETF5818		MT 20	15,600	MT 20	14,600	MT 20	15,350	MT 20	9,940
ZS15KAETFD818		LT-10	7,670						
ZS19KAEPFV818	2 1/2	HT 45	24,600	HT 45	25,400	HT 45	26,900	HT 45	17,900
ZS19KAETF5818		MT 20	17,500	MT 20	16,450	MT 20	17,450	MT 20	11,200
ZS19KAETFD818		LT-10	8,600						
ZS21KAEPFV818	3	HT 45	33,100	HT 45	34,100	HT 45	36,100	HT 45	24,000
ZS21KAETF5818		MT 20	23,500	MT 20	22,100	MT 20	23,400	MT 20	15,100
ZS21KAETFD818		LT-10	11,500						
ZS26KAEPFV818	3 1/2	HT 45	36,300	HT 45	37,800	HT 45	40,100	HT 45	26,700
ZS26KAETF5818		MT 20	25,800	MT 20	24,500	MT 20	26,000	MT 20	16,700
ZS26KAETFD818		LT-10	12,700						
ZS29KAEPFV818	4	HT 45	41,300	HT 45	42,300	HT 45	44,900	HT 45	29,900
ZS29KAETF5818		MT 20	29,400	MT 20	27,500	MT 20	29,100	MT 20	18,700
ZS29KAETFD818		LT-10	14,400						
ZS33KAEPFV818	4 1/2	HT 45	46,200	HT 45	46,900	HT 45	49,800	HT 45	33,100
ZS33KAETF5818		MT 20	32,800	MT 20	30,500	MT 20	32,300	MT 20	20,800
ZS33KAETFD818		LT-10	16,100						

CS HERMETIC

- Suitable for applications:
  EMT -30°F to +30°F SST R404A
  MT -5 to +25°F SST R22
  HT +25°F to +45°F SST R134A

		Capacity							
Part No.	HP	R404A	BTU	R507	BTU	R22	BTU	R134a	BTU
CS10K6EPFV945	1	EMT 20	10,100	EMT 20	10,400	MT 20	10,800	HT 45	11,600
		LT -10	3,050	LT -10	3,140			MT 20	5,840
CS10K6ETF5945	1	EMT 20	9,940	EMT 20	10,200	MT 20	10,600	HT 45	11,300
CS10K6ETFD945		LT -10	3,010	LT -10	3,100			MT 20	6,080
CS12K6EPFV945	2	EMT 20	12,000	EMT 20	12,300	MT 20	12,200	HT 45	13,800
		LT -10	3,910	LT -10	4,020			MT 20	6,980
CS12K6ETF5945	2	EMT 20	11,800	EMT 20	12,100	MT 20	12,100	HT 45	13,600
		LT -10	3,940	LT -10	4,200			MT 20	7,300
CS14K6EPFV945	2 1/2	EMT 20	14,100	EMT 20	14,500	MT 20	14,300	HT 45	16,300
		LT -10	5,440	LT -10	5,610			MT 20	8,230
CS14K6ETF5945	2 1/2	EMT 20	13,900	EMT 20	14,300	MT 20	13,900	HT 45	16,000
CS14K6ETFD945		LT -10	5,370	LT -10	5,500			MT 20	8,590
CS18K6EPFV945	3	EMT 20	18,100	EMT 20	18,700	MT 20	18,600	HT 45	20,600
		LT -10	6,310	LT -10	6,500			MT 20	10,400

COPELAND™

Part No.	HP	Voltage	RLA (Amps)	Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs)	Price
ZS09KAEPFV818	1	208-230/1/60	10.0	**30 x 370**	7.5 x 7.5	16.08	3/4 S	1/2 S	52	**1732.46**
ZS11KAEPFV818	1 1/2	208-230/1/60	12.6	**30 x 370**	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**1826.48**
ZS11KAETF5818	1 1/2	200-230/3/60	10.4	—	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**1923.38**
ZS11KAETFD818	1 1/2	460/3/60	4.3	—	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**1923.38**
ZS13KAEPFV818	1 3/4	208-230/1/60	12.0	**35 x 370**	7.5 x 7.5	16.08	7/8 S	1/2 S	54	**1924.04**
ZS13KAETF5818	1 3/4	200-230/3/60	9.7	—	7.5 x 7.5	16.08	7/8 S	1/2 S	54	**2016.16**
ZS13KAETFD818	1 3/4	460/3/60	4.8	—	7.5 x 7.5	16.08	7/8 S	1/2 S	54	**2016.16**
ZS15KAEPFV818	2	208-230/1/60	15.7	**40 x 370**	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**2036.92**
ZS15KAETF5818	2	200-230/3/60	10.6	—	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**2130.52**
ZS15KAETFD818	2	460/3/60	5.4	—	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**2130.52**
ZS19KAEPFV818	2 1/2	208-230/1/60	18.0	**45 x 370**	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**2132.64**
ZS19KAETF5818	2 1/2	200-230/3/60	13.7	—	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**2226.04**
ZS19KAETFD818	2 1/2	460/3/60	5.7	—	7.5 x 7.5	16.08	3/4 S	1/2 S	54	**2226.04**
ZS21KAEPFV818	3	208-230/1/60	23.2	**55 x 370**	7.5 x 7.5	17.17	7/8 S	1/2 S	70	**2227.98**
ZS21KAETF5818	3	200-230/3/60	15.2	—	7.5 x 7.5	17.17	7/8 S	1/2 S	70	**2321.34**
ZS21KAETFD818	3	460/3/60	6.9	—	7.5 x 7.5	17.17	7/8 S	1/2 S	70	**2321.34**
ZS26KAEPFV818	3 1/2	208-230/1/60	23.6	**55 x 370**	7.5 x 7.5	17.17	7/8 S	1/2 S	74	**2306.36**
ZS26KAETF5818	3 1/2	200-230/3/60	15.5	—	7.5 x 7.5	17.17	7/8 S	1/2 S	74	**2399.74**
ZS26KAETFD818	3 1/2	460/3/60	6.4	—	7.5 x 7.5	17.17	7/8 S	1/2 S	74	**2399.74**
ZS29KAEPFV818	4	208-230/1/60	26.1	**60 x 440**	7.5 x 7.5	17.17	7/8 S	1/2 S	75	**2383.38**
ZS29KAETF5818	4	200-230/3/60	20.5	—	7.5 x 7.5	17.17	7/8 S	1/2 S	75	**2478.74**
ZS29KAETFD818	4	460/3/60	7.9	—	7.5 x 7.5	17.17	7/8 S	1/2 S	75	**2478.74**
ZS33KAEPFV818	4 1/2	208-230/1/60	25.6	**80 x 370**	7.5 x 7.5	16.08	7/8 S	1/2 S	77	**2440.34**
ZS33KAETF5818	4 1/2	200-230/3/60	22.3	—	7.5 x 7.5	16.08	7/8 S	1/2 S	77	**2538.00**
ZS33KAETFD818	4 1/2	460/3/60	10.0	—	7.5 x 7.5	16.08	7/8 S	1/2 S	77	**2538.00**

COPELAND™

Part No.	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
CS10K6EPFV945	1	208-230/1/60	10.9	30 x 370	7 1/2 x 7 1/2	13.3	5/8 S	1/2 S	68	**1608.24**
CS10K6ETF5945	1	200-230/3/60	7.5	—	7 1/2 x 7 1/2	13.3	5/8 S	1/2 S	68	**1644.82**
CS10K6ETFD945	1	460/3/60	3.6	—	7 1/2 x 7 1/2	13.3	5/8 S	1/2 S	68	**1691.58**
CS12K6EPFV945	2	208-230/1/60	10.9	30 x 370	7 1/2 x 7 1/2	13.3	5/8 S	1/2 S	68	**1712.92**
CS12K6ETF5945	2	200-230/3/60	7.5	—	7 1/2 x 7 1/2	13.3	5/8 S	1/2 S	68	**1890.40**
CS14K6EPFV945	2 1/2	208-230/1/60	12.4	35 x 370	7 1/2 x 7 1/2	13.4	5/8 S	1/2 S	68	**1842.42**
CS14K6ETF5945	2 1/2	200-230/3/60	9.1	—	7 1/2 x 7 1/2	13.4	5/8 S	1/2 S	68	**2004.60**
CS14K6ETFD945	2 1/2	460/3/60	4.7	—	7 1/2 x 7 1/2	13.4	5/8 S	1/2 S	68	**2004.60**
CS18K6EPFV945	3	208-230/1/60	16.0	35 x 370	7 1/2 x 7 1/2	13.8	5/8 S	1/2 S	72	**1886.98**

Continued on next page

MULTI APPLICATION HERMETIC COMPRESSOR

CS HERMETIC (Cont'd.)

		Capacity							
Part No.	HP	R404A	BTU	R507	BTU	R22	BTU	R134a	BTU
CS18K6ETF5945	3	EMT 20	17,800	EMT 20	18,300	MT 20	18,300	HT 45	20,400
CS18K6ETFD945		LT -10	6,220	LT -10	6,370			MT 20	10,900
CS20K6EPFV945	3 1/2	EMT 20	20,000	EMT 20	20,700	MT 20	20,600	HT 45	23,300
		LT -10	7,050	LT -10	7,260			MT 20	11,700
CS20K6ETF5945	3 1/2	EMT 20	19,800	EMT 20	20,200	MT 20	20,300	HT 45	22,700
CS20K6ETFD945		LT -10	6,950	LT -10	7,120			MT 20	12,200
CS27K6EPFV945	4	EMT 20	27,600			HT 45	51,200	HT 45	31,400
		LT -10	10,500			MT 20	28,500	MT 20	16,500
CS27K6ETF5945	4	EMT 20	26,800					HT 45	30,600
CS27K6ETFD945		LT -10	10,600					MT 20	16,700
CS33K6EPFV956	5	EMT 20	31,700			MT 20	34,500		
		LT -10	12,800						
CS33K6ETF5956	5	EMT 20	30,800						
CS33K6ETFD956		LT -10	12,100						

SCROLL COMPRESSOR

EVI, EXTENDED MEDIUM TEMP, R404A R507 R407A

ZF*KVE scrolls with enhanced vapor injection simulate a two stage cycle with interstage cooling by injecting superheated vapor into the compression cycle. Along with subcooling as part of the vapor extraction this optimized design delivers, on average, up to a 50% increase in capacity and a 20% increase in efficiency.

- Low temperature capacity rated at -40°F, 105°F condensing, 65°F return gas, maximum subcooling; medium temperature capacity rated at +20°F, 120°F condensing, 65°F return gas

RLA at medium temperature application

RL connections require valve or adapter for connection

COPELAND™

	Capacity (BTUH)			RLA	Connection (In.)		Height	Ship Wgt.	
Part No.	+20°F	-40°F	Voltage	(Amps)	Suction	Discharge	(In.)	(Lbs.)	Price
ZF13KVETF5961	45300	14500	200-230/3/60	19.3	1 1/4 RL	1 RL	17.4	85	4829.94
ZF13KVETFD961	45300	14500	460/3/60	8.6	1 1/4 RL	1 RL	17.4	85	4829.94
ZF18KVETF5961	63000	20700	200-230/3/60	23.9	1 1/4 RL	1 RL	17.4	95	5098.14
ZF18KVETFD961	63000	20700	460/3/60	9.3	1 1/4 RL	1 RL	17.4	95	5098.14
ZF24KVETWC951	79000	23300	208-230/3/60	30.0	1 3/4 RL	1 1/4 RL	21.2	225	10111.78
ZF24KVETWD951	79000	23300	460/3/60	15.7	1 3/4 RL	1 1/4 RL	21.2	225	10111.78
ZF28KVETFC991	88000	29800	208-230/3/60	30.4	1 1/4 RL	1 1/4 RL	18.61	95	10024.68
ZF33KVETWC951	109000	34800	208-230/3/60	43.6	1 3/4 RL	1 1/4 RL	21.2	225	11367.40
ZF33KVETWD951	109000	34800	460/3/60	19.3	1 3/4 RL	1 1/4 RL	21.2	225	11367.40
ZF40KVETWC951	142000	46100	208-230/3/60	52.9	1 3/4 RL	1 1/4 RL	21.2	240	12432.18
ZF48KVETWC951	156000	53000	208-230/3/60	60.0	2 1/4 RL	1 3/4 RL	23.4	240	13508.32
ZF48KVETWD951	156000	53000	460/3/60	28.2	2 1/4 RL	1 3/4 RL	23.4	240	13508.32

Compressor Training Available

Training available from Copeland representatives and URI Technical Specialists covering the topics you need to be successful

COPELAND™

COPELAND

Part No.	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
CS18K6ETF5945	3	200-230/3/60	10.4	—	7 1/2 x 7 1/2	13.8	5/8 S	1/2 S	72	**2059.62**
CS18K6ETFD945	3	460/3/60	4.7	—	7 1/2 x 7 1/2	13.8	5/8 S	1/2 S	72	**2002.66**
CS20K6EPFV945	3 1/2	208-230/1/60	18.6	40 x 370	7 1/2 x 7 1/2	14.1	5/8 S	1/2 S	72	**1942.60**
CS20K6ETF5945	3 1/2	200-230/3/60	11.4	—	7 1/2 x 7 1/2	14.1	5/8 S	1/2 S	72	**2022.28**
CS20K6ETFD945	3 1/2	460/3/60	5.1	—	7 1/2 x 7 1/2	14.1	5/8 S	1/2 S	72	**2079.78**
CS27K6EPFV945	4	208-230/1/60	23.9	40 x 440	7 1/2 x 7 1/2	15.2	5/8 S	1/2 S	76	**2125.02**
CS27K6ETF5945	4	200-230/3/60	13.4	—	7 1/2 x 7 1/2	15.1	5/8 S	1/2 S	79	**2265.76**
CS27K6ETFD945	4	460/3/60	8.4	—	7 1/2 x 7 1/2	15.1	5/8 S	1/2 S	79	**2265.76**
CS33K6EPFV956	5	208-230/1/60	30.7	55 x 440	7 1/2 x 7 1/2	15.3	7/8 S	1/2 S	76	**2380.82**
CS33K6ETF5956	5	200-230/3/60	18.7	—	7 1/2 x 7 1/2	15.3	7/8 S	1/2 S	76	**2435.70**
CS33K6ETFD956	5	460/3/60	9.9	—	7 1/2 x 7 1/2	15.3	7/8 S	1/2 S	76	**2435.70**

SCROLL COMPRESSOR

DIGITAL, MEDIUM TEMPERATURE, R404A R507 R407A

Digital scroll compressor technology reduces power consumption linearly as it modulates capacity; typically reduces ±6°F fixture temperature swings to ±0.5°F

- Highly flexible load matching, from 10-100%
- Simple, variable modulation for precise temperature control
- Significantly improved efficiency vs. hot gas bypass and other methods of modulation
- Can be applied to multiple evaporator systems
- Reduced compressor cycling

- Capacity rated +20°F, 120°F condensing, 65°F return gas and 0°F subcooling

RL connections require valve or adapter

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZBD21KCETF5940	22400	200-230/3/60	12.6	7.5 x 7.5	17.89	**1 1/4 RL**	**1 RL**	90	**6820.18**
ZBD21KCETFD940	22400	460/3/60	7.1	7.5 x 7.5	17.89	**1 1/4 RL**	**1 RL**	90	**6820.18**
ZBD30KCETF5950	30500	200-230/3/60	15.7	7.5 x 7.5	19.7	7/8	3/4	81	**6927.76**
ZBD30KCETF5965	30500	200-230/3/60	15.7	7.5 x 7.5	19.7	**1 1/4 RL**	**1 RL**	81	**7027.50**
ZBD30KCETFD950	30500	460/3/60	7.4	7.5 x 7.5	19.7	7/8	3/4	81	**6927.76**
ZBD30KCETFD965	30500	460/3/60	7.4	7.5 x 7.5	19.7	**1 1/4 RL**	**1 RL**	81	**7027.50**
ZBD45KCETF5950	44300	200-230/3/60	22.5	7.5 x 7.5	19.7	7/8	3/4	88	**7398.28**
ZBD45KCETF5965	44300	200-230/3/60	22.5	7.5 x 7.5	19.7	**1 1/4 RL**	**1 RL**	88	**7498.18**
ZBD45KCETFD950	44300	460/3/60	10.0	7.5 x 7.5	10.0	7/8	3/4	88	**7398.28**
ZBD45KCETFD965	44300	460/3/60	10.0	7.5 x 7.5	19.7	**1 1/4 RL**	**1 RL**	88	**7498.18**
ZBD57KCETFD965	57000	460/3/60	15.2	7.5 x 7.5	19.7	**1 1/4 RL**	**1 1/4 RL**	97	**7675.46**
ZBD58KCETF5965	56100	200-230/3/60	30.7	7.5 x 7.5	19.5	1 1/8	7/8	127	**7962.66**
ZBD58KCETFD965	56100	460/3/60	16.4	7.5 x 7.5	19.5	**1 3/4 RL**	**1 1/4 RL**	127	**7962.66**
ZBD76KCETFD965	77200	460/3/60	20	7.5 x 7.5	21.25	**1 3/4 RL**	**1 1/4 RL**	136	**8719.46**

SCROLL COMPRESSOR

DIGITAL, EVI, LOW TEMPERATURE, R404A R507 R407A

Digital scroll compressor technology reduces power consumption linearly as it modulates capacity; typically reduces ±6°F fixture temperature swings to ±0.5°F.

KVE scrolls with enhanced vapor injection simulate a two stage cycle with interstage cooling by injecting superheated vapor into the compression cycle. Along with subcooling as part of the vapor extraction this optimized design delivers, on average, up to a 50% increase in capacity and a 20% increase in efficiency.

- Capacity rated -25°F, 105°F condensing, 65°F return gas and 0°F subcooling
- Highly flexible load matching, from 10-100%
- Simple, variable modulation for precise temperature control
- Significantly improved efficiency vs. hot gas bypass and other methods of modulation
- Can be applied to multiple evaporator systems
- Reduced compressor cycling

RL connections require valve or adapter

COPELAND™

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZFD13KVETF5961	20200	200-230/3/60	15.4	7.5 x 7.5	19.49	**1 1/4 RL**	**1 RL**	95	**8149.00**
ZFD13KVETFD961	20200	460/3/60	7.7	7.5 x 7.5	19.49	**1 1/4 RL**	**1 RL**	95	**8149.00**
ZFD18KVETF5951	29200	200-230/3/60	24.3	7.5 x 7.5	19.7	7/8	1/2	95	**8456.72**
ZFD18KVETF5961	29200	200-230/3/60	24.3	7.5 x 7.5	19.7	**1 1/4 RL**	**1 RL**	95	**8558.92**
ZFD18KVETFD951	29200	460/3/60	10.7	7.5 x 7.5	19.7	7/8	1/2	95	**8456.72**
ZFD18KVETFD961	29200	460/3/60	10.7	7.5 x 7.5	19.7	**1 1/4 RL**	**1 RL**	95	**8558.92**
ZFD25KVETF5991	35500	200-230/3/60	24.5	7.5 x 7.5	19.71	**1 1/4 RL**	**1 1/4 RL**	95	**12793.86**
ZFD41K5ETFC960	40200	200-230/3/60	42.1	7.5 x 7.5	21.51	**1 3/4 RL**	**1 1/4 RL**	139	**10237.14**
ZFD41K5ETFD960	40200	460/3/60	19.3	7.5 x 7.5	21.51	**1 3/4 RL**	**1 1/4 RL**	139	**10237.14**

ZR SERIES, 1 1/2 TO 25 HP, R407C R22

- Suitable for air conditioning applications.
- **Capacitor** required, not provided
- **(Bold) Connection** = Rotolock valve, adapter required (961,965 suffix)

COPELAND™

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZR16K5EPFV800	15500	208-230/1/60	9.3	30 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	53.0	**785.14**
ZR16K5EPFJ800	15,500	265/1/60	8.9	30 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	53.0	**874.10**
ZR18K5EPFV800	18,000	208-230/1/60	10.7	30 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	48.6	**838.64**
ZR18K5EPFJ800	18,000	265/1/60	8.9	30 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	48.6	**894.76**
ZR21K5EPFV800	21,000	208-230/1/60	12.0	35 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	47.0	**805.64**
ZR21K5EPFJ800	21,000	265/1/60	10.4	35 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	47.0	**897.80**
ZR21K5ETF5800	21,000	200-230/3/60	8.6	—	7.5 x 7.5	15.86	3/4 S	1/2 S	48.9	**1002.36**
ZR21K5ETFD800	21,000	460/3/60	4.3	—	7.5 x 7.5	15.86	3/4 S	1/2 S	48.9	**1002.36**
ZR25K5EPFV800	25,300	208-230/1/60	15.0	40 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	50.0	**839.40**
ZR25K5EPFJ800	25,300	265/1/60	12.1	35 x 440	7.5 x 7.5	15.86	3/4 S	1/2 S	50.0	**923.30**
ZR25K5ETF5800	25,300	200-230/3/60	8.9	—	7.5 x 7.5	15.86	3/4 S	1/2 S	49.1	**1030.82**
ZR25K5ETFD800	25,300	460/3/60	4.6	—	7.5 x 7.5	15.86	3/4 S	1/2 S	48.8	**1030.82**
ZR28K5EPFV800	28,400	208-230/1/60	15.7	45 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	60	**867.16**
ZR28K5EPFJ800	28,400	265/1/60	13.9	45 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	60	**953.84**
ZR28K5ETF5800	28,400	200-230/3/60	11.1	—	7.5 x 7.5	15.86	3/4 S	1/2 S	60	**1065.02**
ZR28K5ETFD800	28,400	460/3/60	5.7	—	7.5 x 7.5	15.86	3/4 S	1/2 S	68	**1065.02**
ZR32K5EPFV800	32,600	208-230/1/60	17.1	50 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	63	**822.72**
ZR32K5EPFJ800	32,600	265/1/60	14.3	45 x 370	7.5 x 7.5	15.86	3/4 S	1/2 S	63	**974.14**
ZR32K5ETF5800	32,600	200-230/3/60	12.0	—	7.5 x 7.5	15.86	3/4 S	1/2 S	58	**1087.72**
ZR32K5ETFD800	32,600	460/3/60	6.4	—	7.5 x 7.5	15.86	3/4 S	1/2 S	58	**1087.72**
ZR38K5EPFV800	38,000	208-230/1/60	21.4	55 x 370	7.5 x 7.5	16.25	3/4 S	1/2 S	63	**936.74**
ZR38K5EPFJ800	38,000	265/1/60	16.4	60 x 370	7.5 x 7.5	16.25	3/4 S	1/2 S	63	**1070.16**
ZR38K5ETF5800	38,000	200-230/3/60	13.6	—	7.5 x 7.5	16.25	3/4 S	1/2 S	63	**1147.06**
ZR38K5ETFD800	38,000	460/3/60	6.4	—	7.5 x 7.5	16.25	3/4 S	1/2 S	70	**1147.06**
ZR42K5EPFV800	42,200	208-230/1/60	22.1	55 x 370	7.5 x 7.5	16.25	3/4 S	1/2 S	72	**1030.90**
ZR42K5EPFJ800	42,200	265/1/60	19.3	60 x 440	7.5 x 7.5	16.25	3/4 S	1/2 S	72	**1110.70**

Continued on next page

ZR SERIES, 1 1/2 TO 25 HP R407C R22 (Cont'd.)

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZR42K5ETF5800	42,200	200-230/3/60	14.3	—	7.5 x 7.5	16.25	3/4 S	1/2 S	72	1154.80
ZR42K5ETFD800	42,200	460/3/60	6.4	—	7.5 x 7.5	16.25	3/4 S	1/2 S	72	1190.52
ZR48K5EPFV800	48,200	208-230/1/60	24.3	60 x 440	7.5 x 7.5	16.95	7/8 S	1/2 S	72	1100.34
ZR48K5ETF5800	48,200	200-230/3/60	17.1	—	7.5 x 7.5	16.95	7/8 S	1/2 S	72	1328.30
ZR48K5ETFD800	48,200	460/3/60	7.9	—	7.5 x 7.5	16.95	7/8 S	1/2 S	72	1369.36
ZR54K5EPFV800	53,500	208-230/1/60	28.2	80 x 370	7.5 x 7.5	17.75	7/8 S	1/2 S	73	1227.82
ZR54K5ETF5800	53,500	200-230/3/60	17.1	—	7.5 x 7.5	17.75	7/8 S	1/2 S	73	1439.46
ZR54K5ETFD800	53,500	460/3/60	7.9	—	7.5 x 7.5	17.75	7/8 S	1/2 S	73	1439.46
ZR57K3EPFV930	58,000	208-230/1/60	32.1	80 x 370	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1356.56
ZR57K3ETF5930	58,500	200-230/3/60	19.3	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1424.66
ZR57K3ETFD930	58,500	460/3/60	10.0	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1424.66
ZR57K3ETFD950	58,500	460/3/60	10.0	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1468.72
ZR61K3EPFV930	62,000	208-230/1/60	32.1	80 x 370	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1391.12
ZR61K3ETFD930	62,000	460/3/60	10.0	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1500.22
ZR68KCETF5930	70,000	200-230/3/60	20.7	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1460.16
ZR68KCETFD930	70,000	460/3/60	10.0	—	7.5 x 7.5	17.75	7/8 S	1/2 S	87	1460.16
ZR72KCETF5950	73,500	200-230/3/60	20.7	—	7.5 x 7.5	17.70	7/8 S	1/2 S	87	1513.26
ZR72KCETF5965	73,500	200-230/3/60	20.7	—	7.5 x 7.5	17.70	1 1/4 RL	1 RL	87	1594.36
ZR72KCETFD965	73,500	460/3/60	10.0	—	7.5 x 7.5	17.75	1 1/4 RL	1 RL	87	1594.36
ZR72KCETFD950	73,500	460/3/60	10	—	7.5 x 7.5	17.75	7/8 S	1/2 S	85	1513.26
ZR81KCETF5950	82,000	200-230/3/60	25	—	7.5 x 7.5	17.95	7/8 S	3/4 S	86	1792.50
ZR84KCETF5950	84,000	200-230/3/60	28.6	—	7.5 x 7.5	18.80	1 1/8 S	7/8 S	127	2789.34
ZR90K3ETWC961	86,500	208-230/3/60	33.6	—	8.7 x 8.7	21.40	1 3/4 RL	1 1/4 RL	215	4062.04
ZR90K3ETWD961	86,500	460/3/60	15.4	—	8.7 x 8.7	21.40	1 3/4 RL	1 1/4 RL	215	4062.04
ZR94KCETF5950	95,600	200-230/3/60	32.1	—	7.5 x 7.5	18.80	1 1/8 S	7/8 S	150	2798.52
ZR94KCETFD950	95,600	460/3/60	16.4	—	7.5 x 7.5	18.80	1 1/8 S	7/8 S	150	2885.08
ZR94KCETFD965	95,600	460/3/60	16.4	—	7.5 x 7.5	18.80	1 3/4 RL	1 1/4 RL	150	2951.52
ZR11M3ETWC961	105,000	208-230/3/60	38.2	—	8.7 x 8.7	21.17	1 3/4 RL	1 1/4 RL	212	4301.62
ZR11M3ETWD961	105,000	460/3/60	18.6	—	8.7 x 8.7	21.17	1 3/4 RL	1 1/4 RL	212	4301.62
ZR108KCETF5950	108,000	200-230/3/60	33.6	—	7.5 x 7.5	21.50	1 3/8 S	7/8 S	150	3102.06
ZR108KCETFD950	108,000	460/3/60	17.3	—	7.5 x 7.5	21.50	1 3/8 S	7/8 S	212	4301.62
ZR125KCETF5950	125,000	200-230/3/60	41.4	—	7.5 x 7.5	21.00	1 3/8 S	7/8 S	135	3306.40
ZR125KCETFD950	125,000	460/3/60	19.2	—	7.5 x 7.5	21.00	1 3/8 S	7/8 S	135	3306.40
ZR125KCETFD965	125,000	460/3/60	19.2	—	7.5 x 7.5	21.50	1 3/4 RL	1 1/4 RL	150	3306.40
ZR12M3ETWC961	122,000	208-230/3/60	41.1	—	8.7 x 8.7	21.17	1 3/4 RL	1 1/4 RL	221	4472.24
ZR12M3ETWD961	122,000	460/3/60	22.1	—	8.7 x 8.7	21.17	1 3/4 RL	1 1/4 RL	221	4472.24
ZR144KCETF5950	144,000	200-230/3/60	47.1	—	7.5 x 7.5	21.50	1 3/8 S	7/8 S	150	3523.14
ZR144KCETFD950	144,000	460/3/60	19.6	—	7.5 x 7.5	21.50	1 3/8 S	7/8 S	150	3523.14
ZR144KCETFD965	142,000	460/3/60	20.7	—	7.5 x 7.5	21.50	1 3/4 RL	1 1/4 RL	150	3590.14
ZR160KCETE5950	154,000	208-230/3/60	55	—	7.5 x 7.5	22.21	1 3/8 S	7/8 S	185	3872.52
ZR160KCETE5965	154,000	208-230/3/60	55	—	7.5 x 7.5	22.21	1 3/4 RL	1 1/4 RL	185	3941.76
ZR190KCETED950	181,000	460/3/60	31.4	—	7.5 x 7.5	22.00	1 3/8 S	7/8 S	200	4239.76
ZR250KCETE5965	250,000	200-230/3/60	81.4	—	10.5 x 10.5	28.60	2 1/4 RL	1 3/4 RL	308	7692.40
ZR250KCETEC965	250,000	208-230/3/60	81.4	—	10.5 x 10.5	28.60	2 1/4 RL	1 3/4 RL	308	7692.40
ZR250KCETED965	250,000	460/3/60	37.9	—	10.5 x 10.5	28.60	2 1/4 RL	1 3/4 RL	308	7692.40
ZR250KCETED951	250,000	460/3/60	37.9	—	10.5 x 10.5	28.60	1 5/8 S	1 3/8 S	308	7575.66
ZR300KCETEC965	293,000	208-230/3/60	100	—	10.5 x 10.5	28.50	2 1/4 RL	1 3/4 RL	406	9147.50
ZR300KCETED965	296,000	460/3/60	48.6	—	10.5 x 10.5	28.50	2 1/4 RL	1 3/4 RL	406	9147.50
ZR380KCETEC965	363,000	208-230/3/60	—	—	10.5 x 10.5	28.50	2 1/4 RL	1 3/4 RL	440	10938.16
ZR380KCETED965	363,000	460/3/60	59.3	—	10.5 x 10.5	28.50	2 1/4 RL	1 3/4 RL	440	10938.16

SCROLL COMPRESSOR

ZP SERIES, 1 1/2 TO 15 HP, R410A

- Suitable for air conditioning applications.
- **Capacitor** required, not provided
- Capacity rated R410A, 45°F evaporator, 130°F condensing
- **(Bold) Connection** = Rotolock valve, adapter required (961suffix)

COPELAND™

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZP14K5EPFV800	14,600	208-230/1/60	10	30 x 370	7.5 x 7.5	16	3/4 S	1/2 S	50	**988.44**
ZP16K5EPFJ800	15,500	265/1/60	7.9	35 x 370	7.5 x 7.5	16	3/4 S	1/2 S	53	**1054.54**
ZP16K5EPFV800	15,500	208-230/1/60	10	30 x 370	7.5 x 7.5	16	3/4 S	1/2 S	53	**938.34**
ZP20K5EPFJ800	20,300	265/1/60	10	40 x 370	7.5 x 7.5	16	3/4 S	1/2 S	62	**1055.62**
ZP20K5EPFV800	20,300	208-230/1/60	15	35 x 370	7.5 x 7.5	16	3/4 S	1/2 S	62	**989.42**
ZP20K5ETF5800	21,300	200-230/3/60	7.9	—	7.5 x 7.5	16	3/4 S	1/2 S	63	**1178.44**
ZP20K5ETFD800	21,300	460/3/60	3.9	—	7.5 x 7.5	16	3/4 S	1/2 S	63	**1178.44**
ZP24K5EPFJ800	24,000	265/1/60	12.1	40 x 370	7.5 x 7.5	16	3/4 S	1/2 S	66	**1066.50**
ZP24K5EPFV800	24,000	208-230/1/60	14.3	40 x 370	7.5 x 7.5	16	3/4 S	1/2 S	66	**999.66**
ZP24K5ETFD800	24,000	460/3/60	5.7	—	7.5 x 7.5	16	3/4 S	1/2 S	66	**1190.66**
ZP24K5ETF5800	24,000	200-230/3/60	9.3	—	7.5 x 7.5	16	3/4 S	1/2 S	66	**1190.66**
ZP28K5EPFV800	27,900	208-230/1/60	17.9	46 x 370	7.5 x 7.5	16	3/4 S	1/2 S	68	**1054.92**
ZP28K5ETFD800	27,900	460/3/60	5.3	—	7.5 x 7.5	16	3/4 S	1/2 S	68	**1256.68**
ZP28K5ETF5800	27,900	200-230/3/60	11.1	—	7.5 x 7.5	16	3/4 S	1/2 S	68	**1256.68**
ZP31K5EPFJ800	31,300	265/1/60	15	60 x 370	7.5 x 7.5	16	3/4 S	1/2 S	68	**1149.62**
ZP31K5EPFV800	31,100	208-230/1/60	18.6	45 x 370	7.5 x 7.5	16	3/4 S	1/2 S	68	**1064.74**
ZP31K5ETFD800	31,100	460/3/60	6.4	—	7.5 x 7.5	16	3/4 S	1/2 S	68	**1283.60**
ZP31K5ETF5800	31,100	200-230/3/60	11.6	—	7.5 x 7.5	16	3/4 S	1/2 S	68	**1283.60**
ZP34K5EPFV800	34,500	208-230/1/60	20	50 x 370	7.5 x 7.5	16	7/8 S	1/2 S	68	**1136.08**
ZP34K5ETFD800	34,500	460/3/60	6.6	—	7.5 x 7.5	16	7/8 S	1/2 S	68	**1299.16**
ZP34K5ETF5800	34,500	200-230/3/60	14.7	—	7.5 x 7.5	16	7/8 S	1/2 S	68	**1299.16**
ZP38K5EPFV800	37,500	208-230/1/60	22.1	45 x 370	7.5 x 7.5	16	7/8 S	1/2 S	72	**1202.80**
ZP38K5ETFD800	37,500	460/3/60	6.8	—	7.5 x 7.5	16	7/8 S	1/2 S	72	**1375.56**
ZP38K5ETF5800	37,500	200-230/3/60	15.1	—	7.5 x 7.5	16	7/8 S	1/2 S	72	**1375.56**
ZP42K5EPFJ800	42,000	265/1/60	18.1	80 x 370	7.5 x 7.5	16	7/8 S	1/2 S	75	**1332.22**
ZP42K5EPFV800	42,000	208-230/1/60	24.3	70 x 370	7.5 x 7.5	16	7/8 S	1/2 S	75	**1227.42**
ZP42K5ETFD800	42,000	460/3/60	6.9	—	7.5 x 7.5	16	7/8 S	1/2 S	75	**1427.92**
ZP42K5ETF5800	42,000	200-230/3/60	15.3	—	7.5 x 7.5	16	7/8 S	1/2 S	75	**1427.92**
ZP49K5EPFV800	49,400	208-230/1/60	27.9	80 x 370	7.5 x 7.5	16	7/8 S	1/2 S	80	**1450.36**
ZP49K5ETFD800	49,400	460/3/60	7.9	—	7.5 x 7.5	16	7/8 S	1/2 S	80	**1659.22**
ZP49K5ETF5800	49,400	200-230/3/60	17.7	—	7.5 x 7.5	16	7/8 S	1/2 S	80	**1659.22**
ZP54K5EPFJ800	54,000	265/1/60	22.1	80 x 440	7.5 x 7.5	16	7/8 S	1/2 S	82	**1611.70**
ZP54K5EPFV800	54,000	208-230/1/60	29.3	80 x 370	7.5 x 7.5	16	7/8 S	1/2 S	82	**1510.22**
ZP54K5ETFD800	54,000	460/3/60	8.6	—	7.5 x 7.5	16	7/8 S	1/2 S	82	**1727.76**
ZP54K5ETF5800	54,000	200-230/3/60	17.4	—	7.5 x 7.5	16	7/8 S	1/2 S	82	**1727.76**
ZP61K5EPFV800	61,000	208-230/1/60	34.3	80 x 370	7.5 x 7.5	16	7/8 S	1/2 S	82	**1653.44**
ZP61K5ETF5800	61,000	208-230/3/60	21.9	—	7.5 x 7.5	16	7/8 S	1/2 S	82	**1891.84**
ZP61K5ETFD800	61,000	460/3/60	9.1	—	7.5 x 7.5	16	7/8 S	1/2 S	82	**1891.84**
ZP67KCETFD930	67,000	460/3/60	11.8	—	7.5 x 7.5	17.91	7/8 S	1/2 S	92	**1773.58**
ZP72KCETF5950	72,000	200-230/3/60	25.9	—	7.5 x 7.5	18.16	7/8 S	1/2 S	97	**1895.44**
ZP83KCETF5950	83,000	200-230/3/60	27.9	—	7.5 x 7.5	18.16	7/8 S	1/2 S	97	**2178.48**
ZP83KCETFD950	83,000	460/3/60	13.6	—	7.5 x 7.5	18.16	7/8 S	1/2 S	97	**2178.48**
ZP90KCETF5950	90,500	200-230/3/60	32.9	—	7.5 x 7.5	19.50	1 1/8 S	7/8 S	132	**2871.64**
ZP90KCETFD950	90,500	460/3/60	16.4	—	7.5 x 7.5	19.50	1 1/8 S	7/8 S	132	**2871.64**
ZP103KCETF5950	105,000	200-230/3/60	33.6	—	7.5 x 7.5	21.75	1 3/8 S	7/8 S	132	**3109.74**
ZP103KCETFD950	105,000	460/3/60	18.6	—	7.5 x 7.5	21.75	1 3/8 S	7/8 S	132	**3109.74**
ZP104KCETFD950	106,000	460/3/60	16.4	—	7.5 x 7.5	22.00	1 1/8 S	7/8 S	132	**3148.30**
ZP120KCETF5950	121,000	200-230/3/60	37.1	—	7.5 x 7.5	21.75	1 3/8 S	7/8 S	135	**3316.06**
ZP120KCETFD950	121,000	460/3/60	20.0	—	7.5 x 7.5	21.75	1 3/8 S	7/8 S	135	**3316.06**
ZP137KCETF5950	137,000	200-230/3/60	53.6	—	7.5 x 7.5	21.75	1 3/8 S	7/8 S	145	**3546.36**
ZP137KCETFD950	137,000	460/3/60	20.7	—	7.5 x 7.5	21.75	1 3/8 S	7/8 S	145	**3546.36**
ZP182KCETE5950	183,000	208-230/3/60	62.1	—	7.5 x 7.5	23.02	1 3/8 S	7/8 S	146	**4129.20**
ZP182KCETE5965	183,000	208-230/3/60	62.1	—	7.5 x 7.5	23.02	1 3/8 S	7/8 S	158	**4292.14**

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ZP SERIES, 1 1/2 TO 15 HP, R410A (Cont'd.)

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZP182KCETED950	183,000	460/3/60	30.0	—	7.5 x 7.5	21.71	1 3/8 S	7/8 S	146	**4222.46**
ZP235KCETEC951	235,000	208-230/3/60	82.4	—	10.5 x 10.5	29.0	1 5/8 S	1 3/8 S	324	**7417.36**
ZP235KCETED965	235,000	460/3/60	33.9	—	10.5 x 10.5	29.0	1 5/8 S	1 3/8 S	324	**7540.78**
ZP236KCETE5951	236,000	200-230/3/60	80.7	—	10.5 x 10.5	27.34	1 5/8 S	1 1/8 S	324	**6989.96**
ZP295KCETED965	294,000	460/3/60	46.7	—	10.5 x 10.5	29.0	1 5/8 S	1 3/8 S	355	**8475.80**
ZP385KCETEC966	385,000	208-230/3/60	122.1	—	10.5 x 10.5	28.9	**2 1/4 RL**	**1 3/4 RL**	390	**10032.08**
ZP385KCETED951	385,000	460/3/60	60.7	—	10.5 x 10.5	28.9	**2 1/4 RL**	**1 3/4 RL**	390	**9914.02**

ZPS SERIES, MODULATING, 1 1/2 TO 5 HP, R410A

The ZPS*K5 two-step modulated Copeland Scroll™ compressors are ideally suited for residential and light commercial applications where a capacity step reduction and part load efficiency are important.

The ZPS*K5 compressor family is the second generation of Copeland Scroll UltraTech™. It has improved part load and full load performance versus the first generation of Copeland Scroll UltraTech, ZPS*K4.

- **Capacitor** required, not provided
- Capacity rated R410A, 45°F evaporator, 130°F condensing

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ZPS20K5EPFV800	20,200	208-230/1/60	13.0	35 x 370	7.5 x 7.5	15.27	3/4 S	1/2 S	80	**1330.36**
ZPS26K5EPFV800	26,400	208-230/1/60	14.6	40 x 370	7.5 x 7.5	15.27	3/4 S	1/2 S	80	**1361.30**
ZPS30K5EPFV800	30,600	208-230/1/60	17.4	40 x 370	7.5 x 7.5	15.27	3/4 S	1/2 S	80	**1404.00**
ZPS30K5ETF5800	30,600	200-230/3/60	12.9	—	7.5 x 7.5	15.27	3/4 S	1/2 S	80	**1618.06**
ZPS30K5ETFD800	30,600	460/3/60	6.4	—	7.5 x 7.5	15.27	3/4 S	1/2 S	80	**1618.06**
ZPS40K5EPFV800	41,200	208-230/1/60	23.6	30 x 370	7.5 x 7.5	16.94	7/8 S	1/2 S	80	**1547.54**
ZPS40K5ETF5800	41,200	200-230/3/60	15.6	—	7.5 x 7.5	16.94	7/8 S	1/2 S	80	**1717.74**
ZPS40K5ETFD800	41,200	460/3/60	7.1	—	7.5 x 7.5	16.94	7/8 S	1/2 S	80	**1717.74**
ZPS51K5EPFV800	52,000	208-230/1/60	30.0	40 x 440	7.5 x 7.5	16.94	7/8 S	1/2 S	92	**1817.40**
ZPS51K5ETF5800	52,100	200-230/3/60	18.4	—	7.5 x 7.5	16.94	7/8 S	1/2 S	92	**2026.94**
ZPS51K5ETFD800	52,100	460/3/60	8.1	—	7.5 x 7.5	16.94	7/8 S	1/2 S	92	**2026.94**
ZPS60K5EPFV800	60,900	208-230/1/60	33.1	40 x 440	7.5 x 7.5	17.35	7/8 S	1/2 S	92	**1979.76**

Find out why you should consider...

COPELAND™ Outdoor X-Line Condensing Units

- Energy Savings versus traditional units
- Installation Flexibility
- Reduced Sound Levels
- On Board Diagnostics
- Energy Rebates

Ask your helpful United Refrigeration staff for more information
Visit www.uri.com for URI events on Copeland products in your area

SCROLL COMPRESSOR

DIGITAL SCROLL

Digital scroll compressors are variable capacity compressors that can modulate down to 10% of full load. Digital scrolls are suitable for a variety of applications where a variable capacity compressor is useful, such as VAV applications, dedicated outside air units, units that typically used hot gas bypass for capacity control, and applications that require accurate control of temperature and humidity. Other applications include multiple compressor systems where modulation is required over the entire operating range of the system and in applications where compressor starting and stopping is unacceptable. Use of the unloading feature requires a normally closed solenoid valve to disengage the scroll elements.

DIGITAL R410A

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Mount (In.) L x W	Ship Wgt. (Lbs.)	Price
ZPD34K5EPFV830	34,500	208-230/1/60	20.6	18.41	3/4 S	1/2 S	7.5 x 7.5	72	1773.90
ZPD34K5EPFJ830	34,600	265/1/60	17.9	18.41	7/8 S	1/2 S	7.5 x 7.5	72	1894.44
ZPD34K5ETF5830	34,600	200-230/3/60	13.0	18.41	7/8 S	1/2 S	7.5 x 7.5	72	2032.20
ZPD34K5ETFD830	34,600	460/3/60	6.9	18.41	7/8 S	1/2 S	7.5 x 7.5	72	2032.20
ZPD42K5EPFV830	42,000	208-230/1/60	22.5	19.14	7/8 S	1/2 S	7.5 x 7.5	75	1951.96
ZPD42K5ETFD830	42,600	460/3/60	8.6	18.41	3/4 S	1/2 S	7.5 x 7.5	75	2236.24
ZPD42K5ETF5830	43,000	200-230/3/60	17.9	18.41	3/4 S	1/2 S	7.5 x 7.5	75	2236.24
ZPD51K5EPFV830	51,500	208-230/1/60	28.6	19.14	7/8 S	1/2 S	7.5 x 7.5	80	2330.54
ZPD51K5ETF5830	51,400	200-230/3/60	20.0	19.14	7/8 S	1/2 S	7.5 x 7.5	80	2669.98
ZPD51K5ETFD830	51,000	460/3/60	8.6	19.14	7/8 S	1/2 S	7.5 x 7.5	80	2669.98
ZPD54K5EPFV830	54,000	208-230/1/60	28.6	19.14	7/8 S	1/2 S	7.5 x 7.5	80	2367.00
ZPD54K5ETF5830	54,600	200-230/3/60	18.8	19.14	7/8 S	1/2 S	7.5 x 7.5	80	2711.32
ZPD54K5ETFD830	54,500	460/3/60	9.0	19.14	7/8 S	1/2 S	7.5 x 7.5	80	2711.32
ZPD61KCETF5950	63,000	200-230/3/60	22.7	19.71	7/8 S	1/2 S	7.5 x 7.5	93	2689.76
ZPD61KCETFD950	62,000	460/3/60	10.9	19.71	7/8 S	1/2 S	7.5 x 7.5	93	2689.76
ZPD72KCETF5950	72,000	200-230/3/60	25.9	19.71	7/8 S	1/2 S	7.5 x 7.5	93	2904.84
ZPD72KCETFD950	71,500	460/3/60	12.5	19.71	7/8 S	1/2 S	7.5 x 7.5	93	2904.84
ZPD83KCETF5950	82,500	200-230/3/60	26.8	19.71	7/8 S	1/2 S	7.5 x 7.5	93	3338.32
ZPD83KCETFD950	83,000	460/3/60	14.1	19.71	7/8 S	1/2 S	7.5 x 7.5	93	3338.32
ZPD91KCETF5950	90,100	200-230/3/60	30.7	19.71	7/8 S	3/4 S	7.5 x 7.5	95	3658.64
ZPD91KCETFD950	90,100	460/3/60	14.3	19.71	7/8 S	3/4 S	7.5 x 7.5	95	3658.64
ZPD103KCETF5950	105,000	200-230/3/60	33.6	21.75	1 3/8 S	7/8 S	7.5 x 7.5	140	4829.04
ZPD120KCETF5950	123,000	200-230/3/60	37.1	21.75	1 3/8 S	7/8 S	7.5 x 7.5	140	5149.50
ZPD120KCETFD950	123,000	460/3/60	20.0	21.75	1 3/8 S	7/8 S	7.5 x 7.5	140	5149.50
ZPD137KCETF5950	137,500	200-230/3/60	53.6	21.75	1 3/8 S	7/8 S	7.5 x 7.5	140	5507.16
ZPD137KCETFD950	137,500	460/3/60	20.7	21.75	1 3/8 S	7/8 S	7.5 x 7.5	140	5507.16
ZPD154KCETE5950	155,000	200-230/3/60	57.1	23.02	1 3/8 S	7/8 S	7.5 x 7.5	152	5722.52
ZPD154KCETW5950	155,000	200-230/3/60	57.1	23.03	1 3/8 S	7/8 S	7.5 x 7.5	152	5722.20
ZPD154KCETED950	155,000	460/3/60	25.7	23.03	1 3/8 S	7/8 S	7.5 x 7.5	152	5722.52
ZPD182KCETE5950	183,000	200-230/3/60	62.1	22.46	1 3/8 S	7/8 S	7.5 x 7.5	152	6263.98
ZPD182KCETED950	183,000	460/3/60	30.0	22.46	1 3/8 S	7/8 S	7.5 x 7.5	152	6263.98

DIGITAL R22 R407C

COPELAND

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Mount (In.) L x W	Ship Wgt. (Lbs.)	Price
ZRD61KCETF5950	59,500	200-230/3/60	20.7	19.46	7/8 S	1/2 S	7.5 x 7.5	84	2547.30
ZRD61KCETFD950	59,500	460/3/60	10.0	19.46	7/8 S	1/2 S	7.5 x 7.5	84	2547.30
ZRD72KCETF5950	70,500	200-230/3/60	20.7	19.71	7/8 S	3/4 S	7.5 x 7.5	105	2745.84
ZRD72KCETFD950	70,500	460/3/60	10	19.71	7/8 S	3/4 S	7.5 x 7.5	105	2745.84
ZRD94KCETF5950	92,000	200-230/3/60	32.1	18.75	1 1/8 S	7/8 S	7.5 x 7.5	127	4582.52
ZRD94KCETFD950	92,000	460/3/60	16.4	18.75	1 1/8 S	7/8 S	7.5 x 7.5	127	4582.52
ZRD81KCE-TFD-950	78,000	460/3/60	12.1	19.71	7/8 S	3/4 S	7.5 x 7.5	90	3144.96
ZRD125KCETF5950	127,000	200-230/3/60	41.4	21.25	1 3/8 S	7/8 S	7.5 x 7.5	165	5253.32
ZRD125KCETF5965	127,000	200-230/3/60	41.4	21.25	1 3/4 RL	1 1/4 RL	7.5 x 7.5	165	5320.70
ZRD125KCETFD950	127,000	460/3/60	19.2	21.25	1 3/8 S	7/8 S	7.5 x 7.5	165	5253.32
ZRD125KCETFD965	127,000	460/3/60	19.2	21.25	1 3/4 RL	1 1/4 RL	7.5 x 7.5	165	5320.70

TANDEM R22 R407C

Tandem scroll compressor systems offer higher capacities, unloading efficencies and the reliability of the Copeland scroll technology.

- Rated load amps at full capacity (estimated)
- Capacity rated +45°F SST, 130°F Condensing, R22
- K*E models with POE oil for use with R407C

COPELAND™

Part No.	Capacity (BTUH) Full/Half	Voltage	Oil	RLA (Amps)	Overall Dimensions (In.) L	W	H	Connections (In.) Suction	Discharge	Mount (In.) L x W	Ship Wgt. (Lbs.)	Price
ZRT90KCETF5930	90,500/45,200	200-230/3/60	POE	—	24.33	11.37	18.00	1 1/8 S	3/4 S	21.5 x 21.5	136	3382.14
ZRT96K3PFV930	98,500/49,400	208-230/1/60	MIN	—	24.33	11.37	17.99	1 1/8 S	3/4 S	21.5 x 7.5	136	3425.04
ZRT96KCTF5930	96,800/46,000	200-230/3/60	MIN	—	24.33	11.37	17.99	1 1/8 S	3/4 S	21.5 x 7.5	136	3563.06
ZRT96KCTFD930	96,800/48,600	460/3/60	MIN	—	24.33	11.37	17.99	1 1/8 S	3/4 S	21.5 x 7.5	136	3858.76
ZRT96K3ETF5930	92,500/46,800	200-230/3/60	POE	—	24.33	11.37	17.99	1 1/8 S	3/4 S	21.5 x 7.5	136	3812.28
ZRT96K3ETFD930	97,000/49,300	460/3/60	POE	—	24.33	11.37	17.99	1 1/8 S	3/4 S	21.5 x 7.5	136	3812.28
ZRT108K3PFV950	109,000/54,300	208-230/1/60	MIN	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	200	3454.48
ZRT114K3TF5950	115,000/57,400	200-230/3/60	MIN	38.6	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	224	3710.88
ZRT114K3TFD950	115,000/57,400	460/3/60	MIN	20.0	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	224	3710.88
ZRT136KCTF5950	137,000/68,500	200-230/3/60	MIN	41.4	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	205	3754.02
ZRT136KCTFD950	137,000/68,500	460/3/60	MIN	20.0	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	205	3754.02
ZRT144KCTF5950	144,000/72,700	200-230/3/60	MIN	36.6	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	202	3972.54
ZRT144KCTFD950	144,000/72,700	460/3/60	MIN	18.3	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	202	3972.54
ZRT144KCETF5950	137,000/68,500	200-230/3/60	POE	41.4	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	205	3858.82
ZRT144KCETFD950	137,000/68,500	460/3/60	POE	20.0	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	205	3858.82
ZRT162KCTF5950	163,000/81,500	200-230/3/60	MIN	50.0	24.65	12.50	19.02	1 1/8 S	1 1/8 S	21.5 x 7.5	205	4480.92
ZRT162KCETF5950	154,000/77,500	200-230/3/60	POE	50.0	24.65	12.50	19.02	1 1/8 S	1 1/8 S	21.5 x 7.5	205	4351.98
ZRT162KCETFD950	154,000/77,500	460/3/60	POE	24.2	24.65	12.50	19.02	1 1/8 S	1 1/8 S	21.5 x 7.5	205	4351.98
ZRT168KCTF5950	171,000/—	200-230/3/60	MIN	—	25.00	12.30	19.50	1 5/8 S	1 3/8 S	19.75 x 10.00	285	7878.66
ZRT216KCTFD950	215,000/108,000	460/3/60	MIN	34.6	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.00	283	8588.26
ZRT288KCETF5975	288,000/143,000	200-230/3/60	POE	94.2	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.00	289	9265.34
ZRT288KCETFD950	288,000/143,000	460/3/60	POE	47.2	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.00	289	9273.68
ZRT320KCETE5976	307,000/—	200-230/3/60	POE	—	25.00	12.30	23.50	1 5/8 S	1 3/8 S	19.75 x 10.00	300	9816.76
ZRT320KCETED976	307,000/—	460/3/60	POE	—	25.00	12.30	23.50	1 5/8 S	1 3/8 S	19.75 x 10.00	300	9816.76
ZRT500KCTWD951	482,000/—	460/3/60	MIN	—	41.40	21.60	29.76	2 5/8 S	1 5/8 S	30.55 x 10.47	560	19724.66
ZRT500KCETE5951	471,000/—	200-230/3/60	POE	—	41.40	21.60	29.70	2 5/8 S	1 5/8 S	30.55 x 10.47	680	19138.76
ZRT500KCETED951	471,000/—	460/3/60	POE	—	41.40	21.60	29.76	2 5/8 S	1 5/8 S	30.55 x 10.47	658	19138.76
ZRT500KCETWD951	471,000/—	460/3/60	POE	81.0	41.40	21.60	29.50	2 5/8 S	1 5/8 S	30.55 x 10.47	659	19907.58
ZRT600KCETED951	580,000/—	460/3/60	POE	85.8	42.20	23.05	29.39	3 1/8 S	1 5/8 S	30.57 x 10.50	864	22153.36
ZRT600KCTWD951	586,000/—	460/3/60	MIN	85.8	42.20	23.05	29.39	3 1/8 S	1 5/8 S	30.55 x 10.47	864	22830.76
ZRT760KCTWD951	747,000/—	460/3/60	MIN	—	42.20	22.70	29.39	3 1/8 S	1 5/8 S	30.55 x 10.47	864	26652.16

TANDEM R410A

COPELAND™

Part No.	Capacity (BTUH) Full/Half	Voltage	RLA (Amps)	Overall Dimensions (In.) L	W	H	Connections (In.) Suction	Discharge	Mount (In.) L x W	Ship Wgt. (Lbs.)	Price
ZPT108K3ETF5950	107,000/53,500	200-230/3/60	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	217	3943.80
ZPT114KCETFD950	114,000/57,000	460/3/60	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	217	4026.56
ZPT122KCETF5950	121,000/60,500	208-230/3/60	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	217	3947.90
ZPT122KCETFD950	121,000/60,500	460/3/60	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	217	3947.90
ZPT134KCETFD950	133,000/66,500	460/3/60	—	24.62	11.56	17.86	1 1/8 S	3/4 S	21.5 x 7.5	217	3983.86
ZPT144KCETF5950	141,000/70,500	208-230/3/60	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	205	4216.84
ZPT166KCETF5950	164,000/82,000	208-230/3/60	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	186	4758.62
ZPT166KCETFD950	164,000/82,000	460/3/60	—	24.65	11.69	18.80	1 1/8 S	3/4 S	21.5 x 7.5	186	4758.62
ZPT180KCETF5975	181,000/-	208-230/3/60	—	25.00	12.30	19.50	1 5/8 S	1 3/8 S	19.75 x 10.0	271	7897.42
ZPT180KCETFD975	181,000/-	460/3/60	—	25.00	12.30	19.50	1 5/8 S	1 3/8 S	19.75 x 10.0	270	7897.42
ZPT206KCETF5975	210,000/-	208-230/3/60	—	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.0	283	8415.28
ZPT206KCETFD975	210,000/-	460/3/60	—	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.0	283	8415.28
ZPT240KCETF5975	246,000/-	208-230/3/60	—	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.0	289	8864.10
ZPT274KCETF5975	270,000/-	208-230/3/60	—	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.0	289	9365.02
ZPT274KCETFD975	270,000/-	460/3/60	—	25.00	12.30	22.70	1 5/8 S	1 3/8 S	19.75 x 10.0	289	9365.02
ZPT308KCETWC975	307,000/-	208-230/3/60	—	25.00	12.30	23.50	1 5/8 S	1 3/8 S	19.75 x 10.0	286	10202.40
ZPT308KCETWD975	307,000/-	460/3/60	—	25.00	12.30	23.50	1 5/8 S	1 3/8 S	19.75 x 10.0	286	9936.90
ZPT364KCETWC975	361,000/-	208-230/3/60	—	25.00	12.30	23.50	1 5/8 S	1 3/8 S	19.75 x 10.0	292	11284.20

Continued on next page

SCROLL COMPRESSOR

TANDEM R410A (Cont'd.)

COPELAND

Part No.	Full/Half	Voltage	(Amps)	L	W	H	Suction	Discharge	L x W	(Lbs.)	Price
ZPT364KCETWD976	361,000/-	460/3/60	—	25.00	12.30	23.50	1 5/8 S	1 3/8 S	19.75 x 10.0	292	10694.70
ZPT470KCETWC951	464,000/-	208-230/3/60	—	41.40	21.60	29.50	2 5/8 S	1 5/8 S	30.58 x 10.5	697	18034.20
ZPT590KCETWC951	585,000/-	208-230/3/60	—	42.20	22.70	29.39	2 5/8 S	1 5/8 S	30.58 x 10.5	752	20007.90
ZPT770KCETED976	759,000/-	460/3/60	—	40.93	21.85	29.39	2 5/8 S	1 5/8 S	30.58 x 10.5	826	23330.16

TANDEM, DIGITAL R410A

COPELAND

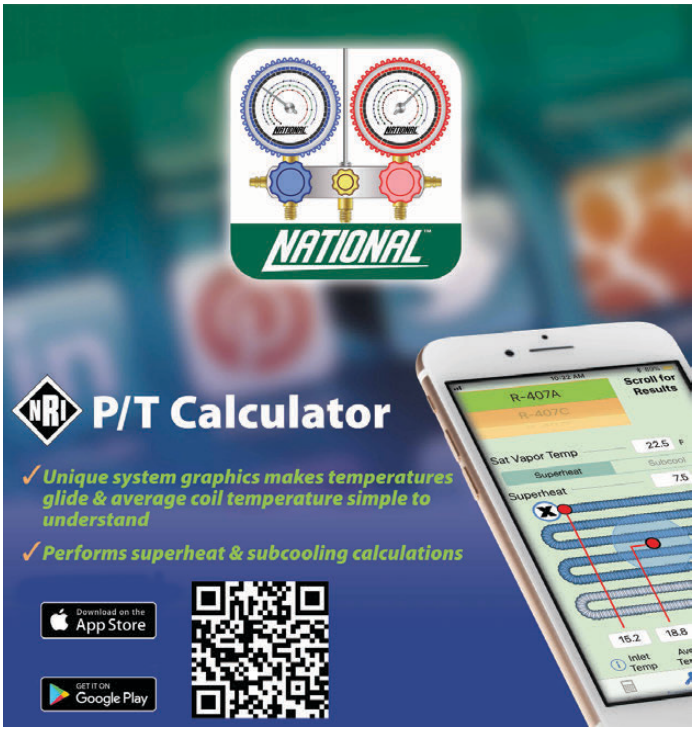
	Capacity (BTUH)		RLA	Overall Dimensions (In.)			Connections (In.)		Mount (In.)	Ship Wgt.	
Part No.	Full	Voltage	(Amps)	L	W	H	Suction	Discharge	L x W	(Lbs.)	Price
ZPDT12MCETF5950	123,500	200-230/3/60	—	24.62	11.56	20.82	1 1/8 S	3/4 S	21.5 x 7.5	217	☎
ZPDT12MCETFD950	123,500	460/3/60	—	24.62	11.56	20.82	1 1/8 S	3/4 S	21.5 x 7.5	217	☎
ZPDT14MCETF5950	143,000	200-230/3/60	—	24.62	11.56	20.82	1 1/8 S	3/4 S	21.5 x 7.5	217	☎
ZPDT14MCETFD950	143,000	460/3/60	—	24.62	11.56	20.82	1 1/8 S	3/4 S	21.5 x 7.5	217	☎
ZPDT18MCETF5950	179,000	200-230/3/60	—	24.62	12.12	20.82	1 1/8 S	1 1/8 S	21.5 x 7.5	217	☎
ZPDT18MCETFD950	179,000	460/3/60	—	24.62	12.12	20.82	1 1/8 S	1 1/8 S	21.5 x 7.5	217	☎
ZPDT21MCETF5950	209,000	200-230/3/60	—	29.37	15.87	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	300	☎
ZPDT21MCETFD950	209,000	460/3/60	—	29.37	15.87	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	300	☎
ZPDT24MCETF5950	246,000	200-230/3/60	—	29.37	15.87	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	300	☎
ZPDT24MCETFD950	246,000	460/3/60	—	29.37	15.87	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	300	☎
ZPDT27MCETF5950	270,000	200-230/3/60	—	29.37	15.87	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	300	☎
ZPDT27MCETFD950	270,000	460/3/60	—	29.37	15.87	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	300	☎
ZPDT31MCETW5950	309,000	200-230/3/60	—	29.37	17.29	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	325	☎
ZPDT31MCETWD950	309,000	460/3/60	—	29.37	17.29	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	325	☎
ZPDT36MCETW5950	364,000	200-230/3/60	—	29.37	17.29	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	325	☎
ZPDT36MCETWD950	364,000	460/3/60	—	29.37	17.29	23.00	1 5/8 S	1 3/8 S	19.75 x 10.0	325	☎

COMFORT ALERT™

Diagnostic tool for systems with Copeland Scroll compressors.
Entry level technician first diagnosis accuracy increased from 17% to 92%, experienced technician accuracy from 63% to 100%

- Detects following system and electrical problem conditions:
  - Long Run Time System Pressure Trip
  - Short Cycling
  - Locked Rotor
  - Open Circuit
  - Open Run/Open Start Circuit
  - Welded Contactor
  - Low Supply Voltage

Part No.	Usage	Price
943001200	Heat Pump, Ultra Tech	186.66



☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

HERMETIC RECIPROCATING COMPRESSOR

RFT(AF) SERIES, R404A

- Charged with POE oil
- Capacity rated: -10°F evaporator / 120°F condensing / 40°F return gas / 120°F liquid

Bill of Material Variations

901: Electrical components and mounting parts included

959: Electrical components and mounting parts plus suction service valve COPELAND™

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AFE08C4EIAA901	720	1/4	115/1/60	3.9	6.5 x 4.0	7.38	5/16 S	1/4 S	22.9	**504.22**
AFE11C3EIAA901	980	1/3	115/1/60	5.9	6.4 x 4.0	8.1	5/16 S	1/4 S	24	**518.52**
AFE17C4EIAA901	1700	1/2	115/1/60	7.8	6.4 x 4.0	8.6	5/16 S	1/4 S	25.6	**550.06**
AFE13C3EIAA901	1450	1/2	115/1/60	5.8	6.4 x 4.0	8.6	5/16 S	1/4 S	24	**533.80**
AFE13C3EIAV901	1450	1/2	208-230/1/60	3.2	6.4 x 4.0	8.6	5/16 S	1/4 S	24	**547.88**
RFT22C1ECAV901	2040	1/2	208-230/1/60	5.2	8.0 x 4.8	8.7	3/8 S	1/4 S	38	**993.16**
RFT22C1EIAA901	1985	1/2	115/1/60	7.9	8.0 x 4.8	8.7	3/8 S	1/4 S	38	**876.62**
RFT26C1ECAA901	2500	1/2+	115/1/60	10.8	8.0 x 4.8	9.3	3/8 S	1/4 S	40	**1042.94**
RFT26C1ECAA959	2500	1/2+	115/1/60	10.8	8.0 x 4.8	9.3	3/8 V	1/4 S	40	**1067.36**
RFT26C1ECAV901	2660	1/2+	208-230/1/60	6.4	8.0 x 4.8	8.7	3/8 S	1/4 S	38	**1074.26**
RFT29C1ECAA901	3020	2/3	115/1/60	13.0	8.0 x 4.8	8.7	3/8 S	1/4 S	39	**1101.34**
RFT29C1ECAV901	3020	2/3	208-230/1/60	5.8	8.0 x 4.8	8.7	3/8 S	1/4 S	39	**1095.98**
RFT42C1EPFA901	4110	3/4+	115/1/60	15.5	8.0 x 4.8	9.8	3/8 S	1/4 S	39	**1447.06**
RFT42C1EPFV901	4100	3/4+	208-230/1/60	8.0	8.0 x 4.8	8.0	3/8 S	1/4 S	39	**1507.76**
RFT42C1EPFV959	4100	3/4+	208-230/1/60	8.0	8.0 x 4.8	8.0	3/8 V	1/4 S	39	**1533.34**
RFT32C1ECAV901	3250	1	208-230/1/60	5.8	8.0 x 4.8	8.7	3/8 S	1/4 S	39.7	**1141.36**

AS SERIES, R404A

- Charged with POE oil
- Capacity rated: +20°F evaporator / 120°F condensing / 40°F return gas / 120°F liquid

Bill of Material Variations

901: Electrical components and mounting parts included

959: Electrical components, mounting parts plus suction service valve COPELAND™

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
ASE12C4EIAA901	1355	1/5	115/1/60	3.9	6.5 x 4.0	7.38	5/16 S	1/4 S	25	**437.48**
ASE19C3EIAA901	1890	1/3	115/1/60	8.0	6.4 x 4.0	7.6	5/16 S	1/4 S	27	**462.58**
ASE24C3EIAA901	2290	1/3	115/1/60	6.0	6.4 x 4.0	8.1	5/16 S	1/4 S	27	**469.06**
ASE24C3EIAV901	2400	1/3	208-230/1/60	4.2	6.4 x 4.0	8.1	5/16 S	1/4 S	27	**469.06**
ASE32C3ECAA901	3330	1/2	115/1/60	9.2	6.4 x 4.0	8.6	5/16 S	1/4 S	27	**716.58**
ASE32C3ECAA959	3330	1/2	115/1/60	9.2	6.4 x 4.0	8.6	3/8 V	1/4 S	27	**774.22**
ASE32C3ECAV901	3320	1/2	208-230/1/60	4.9	6.4 x 4.0	8.6	5/16 S	1/4 S	27	**716.58**
ASE35C4ECAA901	3600	1/2	115/1/60	12.0	6.4 x 4.0	8.6	5/16 S	1/4 S	30	**707.42**

RATING POINTS

COPELAND™

A/C RATING POINTS—AIR CONDITIONING

Model	Refrigerant	Point
A	All	N/A
R	All	N/A
C	All	45/130/65/115/95

MT RATING POINTS—MEDIUM TEMPERATURE

Model	Refrigerant	Point
A	All	20/120/40/120/95
R	All	20/120/40/120/95
R	R-502	20/120/65/105/95
C	All	20/120/40/120/95
C	R-502	20/120/65/105/95

MT(1) RATING POINTS—MEDIUM TEMPERATURE

Model	Refrigerant	Point
A	—	N/A
R	All	20/130/40/130/95
C	All	20/130/40/130/95

EMT RATING POINTS—EXTENDED MEDIUM TEMPERATURE

Model	Refrigerant	Point
A	All	–10/120/40/120/95
R	All	20/120/40/120/95
C	All	20/120/40/120/95

HT RATING POINTS—HIGH TEMPERATURE

Model	Refrigerant	Point
A	All	45/130/65/130/95
R	All	45/130/65/130/95
C	All	45/130/65/130/95
C	R-502	45/130/95/115/95

LT RATING POINTS—LOW TEMPERATURE

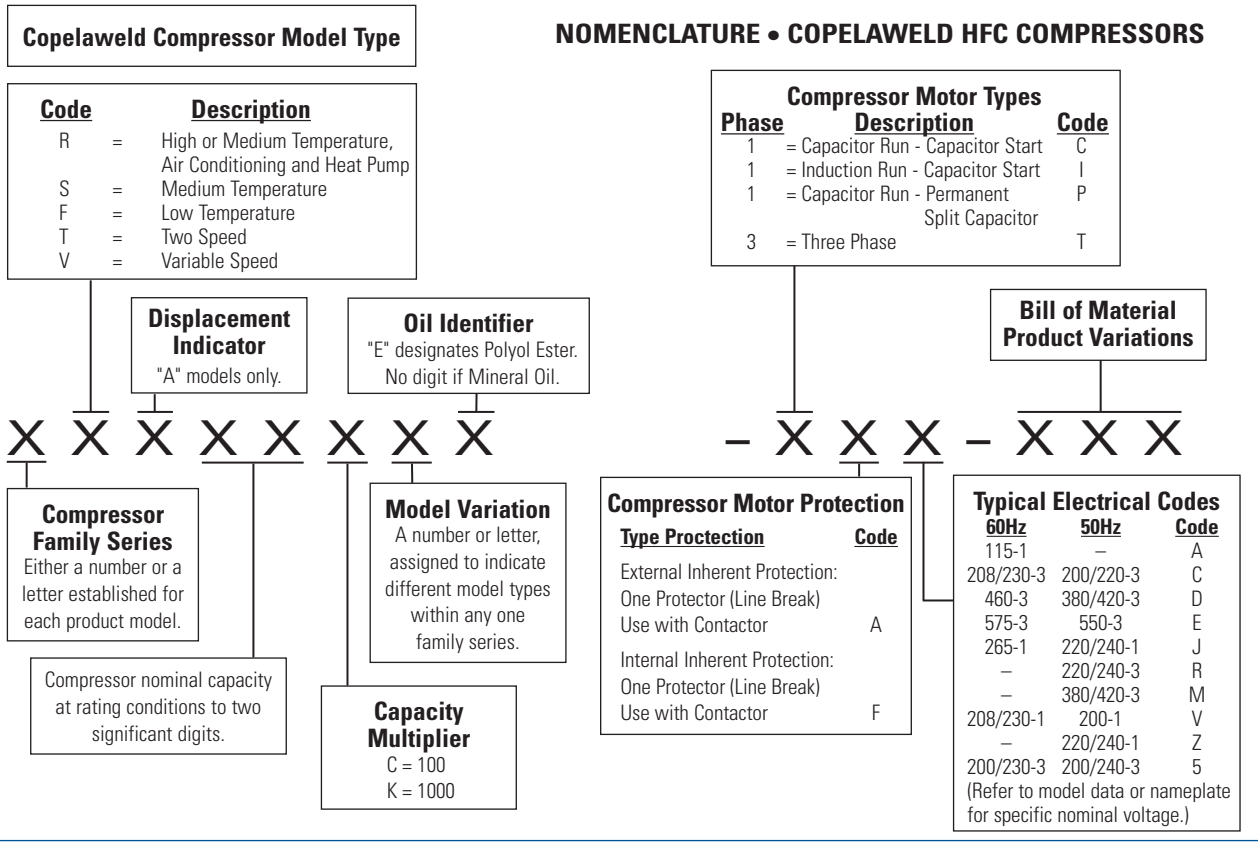
Model	Refrigerant	Point
A	All	–10/120/40/120/95
A	R-12	–10/130/90/90/90
R	All	–10/120/40/120/95
R	R-12	–10/130/90/90/90
C	All	–10/120/40/120/95

LT(1) RATING POINTS—LOW TEMPERATURE

Model	Refrigerant	Point
A	—	N/A
R	—	N/A
C	—	–10/130/40/130/95

Evaporator/Condensing/Return Gas/Liquid/Ambient (°F)

NOMENCLATURE • COPELAWELD HFC COMPRESSORS



HERMETIC RECIPROCATING COMPRESSOR

AF SERIES, R134a

- Suitable for applications -25°F to +20°F SST
- Charged with POE oil
- Capacity rated: indicated evaporator / 120°F condensing / 40°F return gas / 120°F liquid

Bill of Material Variations

901: Electrical components and mounting parts included
959: Electrical components and mounting parts plus suction service valve

COPELAND™

	Capacity (BTUH)					Quad		Connections (In.)		Ship Wgt.	
Part No.	+20°F	-10°F	HP	Voltage	RLA (Amps)	Mount (In.)	Height (In.)	Suction	Discharge	(Lbs.)	Price
AFE05C4EIAA901	1465	584	1/5	115/1/60	3.7	6.5 x 4.0	7.38	5/16 S	1/4 S	42.1	495.76
AFE07C3EIAA901	1600	710	1/4	115/1/60	4.4	6.4 x 4.0	8.1	5/16 S	1/4 S	24	434.58
AFE10C3EIAA901	2050	936	1/3	115/1/60	4.9	6.4 x 4.0	8.1	5/16 S	1/4 S	24	475.24
AFE12C4EIAA901	3100	1325	1/3	115/1/60	6.4	6.5 x 4.0	8.62	5/16 S	1/4 S	30	515.44
AFE12C4EIAA959	3100	1325	1/3	115/1/60	6.4	6.5 x 4.0	8.62	3/8 V	1/4 S	30	571.54

AR SERIES, R134a

- Suitable for applications 0°F to +55°F SST
- Charged with POE oil
- Capacity rated models: 45°F evap / 130°F condensing / 65°F return gas / 130°F liquid or 20°F evap / 120°F condensing / 65°F return gas / 120°F liquid

Bill of Material Variations

901: Electrical components and mounting parts included
959: Electrical components, mounting parts plus suction service valve

COPELAND™

	Capacity (BTUH)					Quad		Connections (In.)		Ship Wgt.	
Part No.	+45°F	+20°F	HP	Voltage	RLA (Amps)	Mount (In.)	Height (In.)	Suction	Discharge	(Lbs.)	Price
ARE13C4EIAA901	1480	879	1/6	115/1/60	3.8	6.4 x 4.0	7.75	5/16 S	1/4 S	25	420.82
ARE17C4EIAA901	1830	1095	1/5	115/1/60	3.8	6.4 x 4.0	7.75	5/16 S	1/4 S	25	427.70
ARE25C3EIAA901	2370	1390	1/4	115/1/60	4.7	6.4 x 4.0	7.6	5/16 S	1/4 S	24	442.42
ARE25C3ESAA901	2460	1450	1/4	115/1/60	4.5	6.4 x 4.0	7.6	5/16 S	1/4 S	24	395.62
ARE27C3EIAA901	2760	1600	1/4	115/1/60	5.0	6.4 x 4.0	7.6	5/16 S	1/4 S	24	443.88
ARE27C3EIAA959	2760	1600	1/4	115/1/60	5.0	6.4 x 4.0	7.6	3/8 V	1/4 S	24	501.10
ARE27C3ESAA901	2730	1580	1/4	115/1/60	5.0	6.4 x 4.0	7.6	5/16 S	1/4 S	24	410.18
ARE34C4EIAA901	3380	2050	1/4	115/1/60	4.6	6.4 x 4.0	8.25	5/16 S	1/4 S	26	446.68
ARE37C3EIAA901	3730	2170	1/3	115/1/60	7.2	6.4 x 4.0	8.1	5/16 S	1/4 S	24	458.76
ARE37C3EIAA959	3730	2170	1/3	115/1/60	7.2	6.4 x 4.0	8.1	3/8 V	1/4 S	24	492.04
ARE37C3EIAV901	3790	2200	1/3	208-230/1/60	3.4	6.4 x 4.0	8.1	5/16 S	1/4 S	24	472.48
ARE37C3EIAV959	3790	2200	1/3	208-230/1/60	3.4	6.4 x 4.0	8.1	3/8 V	1/4 S	24	505.78
ARE37C3ESAA901	3620	2100	1/3	115/1/60	6.7	6.4 x 4.0	8.1	5/16 S	1/4 S	24	435.50
ARE41C3EIAA901	4250	2470	1/3+	115/1/60	7.5	6.4 x 4.0	8.6	5/16 S	1/4 S	24	463.80
ARE41C3EIAA959	4250	2470	1/3+	115/1/60	7.5	6.4 x 4.0	8.6	3/8 V	1/4 S	24	487.42
ARE51C4ECAA901	5220	3200	1/2	115/1/60	10.5	6.5 x 4.0	8.6	5/16 S	1/4 S	30	668.42
ARE51C4EIAV901	4940	2990	1/2	208-230/1/60	4.9	6.5 x 4.0	8.6	5/16 S	1/4 S	30	568.20

Compressor Training Available

Training available from Copeland representatives and URI Technical Specialists covering the topics you need to be successful

COPELAND™

HERMETIC RECIPROCATING COMPRESSOR

AS SERIES, R22

- Suitable for applications 0°F to +55°F SST
- Capacity rated models: 45°F evap / 130°F condensing / 65°F return gas / 130°F liquid or 20°F evap / 120°F condensing / 65°F return gas / 120°F liquid
- ASE26C4E charged with POE oil and suitable for R407C and R22 applications

Bill of Material Variations

901: Electrical components and mounting parts included
959: Electrical components, mounting parts plus suction service valve

COPELAND™

	Capacity (BTUH) R22				RLA	Quad	Height	Connections (In.)		Ship	
Part No.	+45°F	+20°F	HP	Voltage	(Amps)	Mount (In.)	(In.)	Suction	Discharge	Wgt. (Lbs.)	Price
ASE12C4IAA901	2300	1420	1/5	115/1/60	4.1	6.4 x 4.0	7.75	5/16 S	1/4 S	26	423.06
ASE19C4IAA901	3210	1990	1/4	115/1/60	5.6	6.4 x 4.0	7.75	5/16 S	1/4 S	26	438.90
ASE20C4IAA901	3690	2290	1/3	115/1/60	5.2	6.4 x 4.0	7.75	5/16 S	1/4 S	27	440.02
ASE20C4IAA959	3690	2290	1/3	115/1/60	5.2	6.4 x 4.0	7.75	3/8 V	1/4 S	27	477.66
ASE26C4IAA959	4390	2720	1/3+	115/1/60	7.5	6.4 x 4.0	8.25	3/8 V	1/4 S	28	538.46
ASE35C4CAA901	5700	3540	1/2	115/1/60	12.0	6.4 x 4.0	8.6	5/16 S	1/4 S	30	707.60
ASE35C4CAA959	5700	3540	1/2	115/1/60	12.0	6.4 x 4.0	8.6	3/8 V	1/4 S	30	766.66
ASE35C4IAV901	5770	3580	1/2	208-230/1/60	5.9	6.4 x 4.0	8.6	5/16 S	1/4 S	30	643.24
ASE35C4IAV959	5770	3580	1/2	208-230/1/60	5.9	6.4 x 4.0	8.6	3/8 V	1/4 S	30	696.94
	Capacity (BTUH) R407C										
ASE26C4ECAA901	4180	2600	1/3+	115/1/60	7.5	6.4 x 4.0	8.25	5/16 S	1/4 S	28	575.42

CF SERIES, R404A

- Suitable for applications -30°F to 10°F evaporator temperature
- Charged with POE oil
- Capacity rated: -10°F evaporator / 120°F condensing / 40°F return gas / 120°F liquid
- Mounting dimensions: 7.5" x 7.5"

Bill of Material Variations

945: Starting components (1ø) included plus crankcase heater, mounting parts, sweat connections, terminal cover; run capacitor required for single phase

COPELAND™

	Capacity (BTUH)			RLA	Run Capacitor	Quad	Height	Connections (In.)		Ship Wgt.	
Part No.	-10°F	HP	Voltage	(Amps)	(µf x Voltage)	Mount (In.)	(In.)	Suction	Discharge	(Lbs.)	Price
CF04K6EPFV945	3680	1 1/2	208-230/1/60	11.4	30 x 370	7.5 x 7.5	13.3	3/4 S	1/2 S	75	1520.30
CF04K6ETF5945	3660	1 1/2	200-230/3/60	7.0	—	7.5 x 7.5	13.3	3/4 S	1/2 S	75	1581.84
CF06K6EPFV945	6690	2	208-230/1/60	11.4	30 x 370	7.5 x 7.5	13.3	3/4 S	1/2 S	76	1761.64
CF06K6ETF5945	6320	2	200-230/3/60	7.0	—	7.5 x 7.5	13.3	3/4 S	1/2 S	76	1873.28
CF09K6EPFV945	9800	2 1/2	208-230/1/60	16.7	40 x 370	7.5 x 7.5	13.8	3/4 S	1/2 S	70	1976.38
CF09K6ETF5945	9620	2 1/2	200-230/3/60	10.2	—	7.5 x 7.5	13.8	3/4 S	1/2 S	70	2057.68
CF12K6EPFV945	12700	3	208-230/1/60	20.5	40 x 370	7.5 x 7.5	14.3	3/4 S	1/2 S	80	2124.26
CF12K6ETF5945	12500	3	200-230/3/60	12.3	—	7.5 x 7.5	14.3	3/4 S	1/2 S	80	2200.26

RF, RR SERIES, R134a

- Electrical components provided
- Quad mounting dimensions: 8.0" x 4.8"
- Charged with POE oil

Bill of Material Variations

901,908: Mounting parts, electrical components, sweat connections
959: Mounting parts, electrical components, Rotolock suction spud

Typical Valve:

1/2" for 1" RL spud
Connection for rotolock spud is required for operation (not provided).

COPELAND™

	Capacity (BTUH)			RLA	Run Capacitor	Height	Connections (In.)		Ship Wgt.	
Part No.	+20°F	HP	Voltage	(Amps)	(µf x Voltage)	(In.)	Suction	Discharge	(Lbs.)	Price
RFT18C1EPFA959	4770	1/2	115/1/60	9.6	—	10.4	1RL	3/8 S	45	966.12
RRT10K1EPFA901	6510	1	115/1/60	13.6	40 x 370	10.4	1/2 S	3/8 S	40	1271.48
RRT10K1EPFA959	6510	1	115/1/60	13.6	40 x 370	10.4	1RL	3/8 S	40	1297.06
RRT10K1EPFV901	6570	1	208-230/1/60	8.0	25 x 440	10.4	1/2 S	3/8 S	40	1286.24
RRT10K1EPFV959	6570	1	208-230/1/60	8.0	25 x 440	10.8	1RL	3/8 S	40	1311.82

RS SERIES, R404A

- All suitable for applications -25°F to +30°F SST R404A
- Many also suitable for MT R407C, (R22) applications
- Quad mounting dimensions: 8.0" x 4.8"
- Charged with POE oil

Bill of Material Variations

901: Mounting parts, electrical components, sweat connections
959: Mounting parts, electrical components, Rotolock suction spud

Typical Valve:

1/2" for 1" RL spud
RL connection requires valve or adapter for operation (not provided).

COPELAND™

Part No.	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Height (In.)	Connection Suction	Connection Discharge	Ship Wgt. (Lbs.)	Price
RST40C1EIAA901	3510	115/1/60	11.0	—	9.3	3/8 S	1/4 S	40	957.18
RST40C1EIAV901	3600	208-230/1/60	5.1	—	9.3	3/8 S	1/4 S	40	985.92
RST45C1ECAA901	4250	115/1/60	10.5	35 x 440	9.3	3/8 S	1/4 S	41	1167.72
RST45C1ECAV901	4240	208-230/1/60	5.1	15 x 440	8.69	3/8 S	1/4 S	51	1153.58
RST45C1EIAA901	4140	115/1/60	10.5	—	8.69	3/8 S	1/4 S	51	1030.78
RST45C1EIAA959	4140	115/1/60	10.5	—	8.69	1RL	1/4 S	51	1057.54
RST45C1EIAV901	4380	208-230/1/60	5.1	—	8.69	3/8 S	1/4 S	51	1061.02
RST45C1EIAV959	4250	115/1/60	5.1	—	9.3	3/8 S	1/4 S	41	1087.56
RST55C1ECAA901	5200	115/1/60	15.0	35 x 440	8.69	3/8 S	1/4 S	51	1188.04
RST55C1ECAA959	5200	115/1/60	15.0	35 x 440	8.69	1RL	1/4 S	51	1214.72
RST55C1ECAV901	5300	208-230/1/60	6.8	15 x 440	8.69	3/8 S	1/4 S	51	1223.64
RST55C1ECAV959	5300	208-230/1/60	6.8	15 x 440	8.69	1RL	1/4 S	51	1250.42
RST64C1ECFA901	6680	115/1/60	14.6	40 x 440	9.2	3/8 S	1/4 S	51	1228.68
RST64C1ECFA959	6680	115/1/60	14.6	40 x 440	9.2	1RL	1/4 S	51	1255.40
RST64C1ECAV901	6600	208-230/1/60	9.0	20 x 440	9.9	3/8 S	1/4 S	51	1253.80
RST64C1ECAV959	6600	208-230/1/60	9.0	20 x 440	9.9	1 RL	1/4 S	51	1280.54
RST64C1EIAV901	6500	208-230/1/60	9.0	—	9.9	1/4 S	3/8 S	51	1114.10
RST64C1EIAV959	6680	208-230/1/60	9.0	—	9.9	1 RL	1/4 S	51	1140.90
RST70C1EPFV901	7150	208-230/1/60	7.7	25 x 440	10.4	3/8 S	3/8 S	42	1361.82
RST70C1EPFV959	7150	208-230/1/60	7.7	25 x 440	10.4	1RL	3/8 S	42	1387.36
RST70C1ETA5901	6980	208-230/3/60	5.5	—	10.4	1/2 S	3/8 S	42	1308.54
RST70C1ETA5959	6980	208-230/3/60	5.5	—	10.4	1RL	3/8 S	42	1334.14
RST80C1EPFA901	8210	115/1/60	18.2	85 x 440	10.4	1/2 S	3/8 S	42	1376.12
RST80C1EPFV959	8250	208-230/1/60	9.3	30 x 440	10.4	1RL	3/8 S	42	1429.66
RST80C1ETA5959	8170	208-230/3/60	5.7	—	10.4	1RL	3/8 S	42	1376.14
RST97C1EPFV901	9460	208-230/1/60	10.0	30 x 440	10.4	1/2 S	3/8 S	42	1426.26
RST97C1EPFV959	9460	208-230/1/60	10.0	30 x 440	10.4	1RL	3/8 S	42	1450.68
RST97C1ETA5959	9460	200-230/3/60	6.0	—	10.4	1RL	3/8 S	42	1401.56

RST SERIES, R22

- Suitable for applications +25°F to +45°F SST
- Capacity rated models: 45°F evap / 130°F condensing / 65°F return gas / 130°F liquid or 20°F evap / 120°F condensing / 65°F return gas / 120°F liquid, R22
- Mounting dimensions: 8.0" x 4.8"

All models include mounting parts, electrical components, Rotolock suction spud (RS64C2CAV900 requires capacitor)
Typical Valve (not included)
3/8" for 3/4" RL spud 1/2" for 1" RL spud

COPELAND™

Part No.	Capacity (BTUH) +45°F	Capacity (BTUH) +20°F	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
RST40C1IAA901	5930	3590	1/2	115/1/60	11.0	—	9.3	3/8 S	1/4 S	40	765.30
RST40C1IAA959	5930	3590	1/2	115/1/60	11.0	—	9.3	RL	1/4 S	40	826.72
RST40C1IAV901	6080	3680	1/2	208-230/1/60	5.1	—	9.3	3/8 S	1/4 S	40	773.54
RST45C1CAA901	7330	4430	1/2	115/1/60	10.5	35 x 440	9.31	3/8 S	1/4 S	42	781.08
RST45C1CAV901	7330	4430	1/2	208-230/1/60	5.1	15 x 440	8.69	3/8 S	1/4 S	51	781.08
RST45C1IAA959	7100	4300	1/2	115/1/60	10.5	—	8.69	RL	1/4 S	51	1478.54
RST55C1CAA959	8790	5320	3/4	115/1/60	15.0	35 x 440	8.69	RL	1/4 S	51	1393.40
RST55C1CAV959	8720	5270	3/4	208-230/1/60	6.8	15 x 440	8.69	RL	1/4 S	51	1393.40
RST64C1CAV959	11400	6910	3/4	208-230/1/60	9.0	20 x 440	9.9	RL	1/4 S	51	1158.62
RST64C1CFA959	11100	6700	3/4	115/1/60	14.6	40 x 440	9.9	RL	1/4 S	51	1347.68
RST70C1PFV959	11700	7380	1	208-230/1/60	7.7	25 x 440	10.4	RL	3/8 S	42	1384.82
RST70C1TA5959	11800	7450	1	208-230/3/60	4.9	—	10.4	RL	3/8 S	42	1346.70
RST80C1PFV901	13600	8590	1	208-230/1/60	9.3	30 x 440	10.4	1/2 S	3/8 S	42	1398.74
RST97C1PFV901	15400	9750	1 1/2	208-230/1/60	10.0	30 x 440	10.4	1/2 S	3/8 S	42	1416.72
RST10K1PFV901	16500	10500	1 3/4	208-230/1/60	10.5	30 x 440	10.4	1/2 S	3/8 S	43	1005.94
RST10K1TA5959	15700	9960	1 3/4	208-230/1/60	6.6	—	10.4	RL	3/8 S	43	1585.92

HERMETIC RECIPROCATING COMPRESSOR

CR SERIES R407C R22

- Suitable for applications 0°F to 45°F SST
- Typically used for air conditioning applications
- Charged with polyol ester oil suitable for R22/R407C applications
- Capacity rated: 45°F evaporator; 130°F condensing

Bill of Material Variations

875: Crankcase heater, mounting parts, screw terminals (≥4 HP) or terminal flag kit (≤3 1/2 HP), sweat connections, terminal cover

- Height listed without mounting parts

Run Capacitor = required (not provided).

COPELAND™

Part No.	Capacity 45°F/130°F Cond R22 (BTUH)	R407C (BTUH)	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Height (In.)	Connection (In.) Suction	Discharge	Ship Wgt. (Lbs.)	Price
CR14K6EPFV875	14050	13300	208-230/1/60	6.9	35 x 370	7.5 x 7.5	13 1/8	3/4	1/2	62	644.40
CR16K6EPFV875	16300	15150	208-230/1/60	9.6	25 x 370	7.5 x 7.5	13 1/8	3/4	3/8	62	673.58
CR18K6EPFV875	18000	16250	208-230/1/60	9.6	25 x 370	7.5 x 7.5	13 1/8	3/4	3/8	62	673.58
CR18K6EPFJ875	18000	16250	265/1/60	9.1	25 x 440	7.5 x 7.5	13 1/8	3/4	3/8	69	715.68
CR18K6ETF5875	17600	16550	200-230/3/60	6.1	—	7.5 x 7.5	13 1/8	3/4	1/2	69	841.96
CR20K6EPFV875	19600	17700	208-230/1/60	10.6	30 x 370	7.5 x 7.5	13 1/4	3/4	3/8	62	681.26
CR22K6EPFV875	22000	19900	208-230/1/60	10.9	30 x 370	7.5 x 7.5	13 1/4	3/4	3/8	62	687.18
CR22K6EPFJ875	22000	19900	265/1/60	9.9	30 x 440	7.5 x 7.5	13 1/4	3/4	3/8	62	730.12
CR22K6ETF5875	22000	19900	200-230/3/60	7.5	—	7.5 x 7.5	13 1/4	3/4	3/8	62	859.02
CR22K6ETFD875	22000	19900	460/3/60	3.9	—	7.5 x 7.5	13 1/4	3/4	3/8	62	859.02
CR24K6EPFV875	24000	22600	208-230/1/60	—	—	7.5 x 7.5	13 3/8	3/4	3/8	65	707.32
CR24K6EPFJ875	24000	22600	265/1/60	10.9	35 x 440	7.5 x 7.5	13 3/8	3/4	3/8	65	751.54
CR24K6ETF5875	24000	22600	200-230/3/60	7.7	—	7.5 x 7.5	13 3/8	3/4	3/8	66	884.18
CR24K6ETFD875	24000	22600	460/3/60	4.0	—	7.5 x 7.5	13 3/8	3/4	3/8	66	884.18
CR28K6EPFV875	28100	26100	208-230/1/60	15.3	—	7.5 x 7.5	13 1/2	3/4	1/2	65	748.42
CR28K6EPFJ875	28100	26100	265/1/60	13.9	35 x 440	7.5 x 7.5	13 1/2	3/4	1/2	65	795.20
CR28K6ETF5875	28100	26100	200-230/3/60	10.0	—	7.5 x 7.5	13 1/2	3/4	1/2	66	935.56
CR28K6ETFD875	28100	26100	460/3/60	4.8	—	7.5 x 7.5	13 1/2	3/4	1/2	66	935.56
CR30K6EPFV875	30000	27100	208-230/1/60	15	35 x 440	7.5 x 7.5	13 3/4	3/4	1/2	68	791.50
CR30K6EPFJ875	30000	27100	265/1/60	13.6	40 x 440	7.5 x 7.5	13 3/4	3/4	1/2	70	840.96
CR30K6ETF5875	29800	27100	200-230/3/60	10.4	—	7.5 x 7.5	13 3/4	3/4	1/2	68	989.36
CR30K6ETFD875	29800	27100	460/3/60	4.9	—	7.5 x 7.5	13 3/4	3/4	1/2	68	989.36
CR32K6EPFV875	32000	29300	208-230/1/60	16.1	35 x 440	7.5 x 7.5	13 1/8	3/4	1/2	72	829.58
CR32K6EPFJ875	32000	29300	265/1/60	15.0	35 x 440	7.5 x 7.5	13 1/8	3/4	1/2	72	881.42
CR32K6ETF5875	31900	29300	200-230/3/60	10.0	—	7.5 x 7.5	13 7/8	3/4	1/2	72	1036.98
CR32K6ETFD875	31900	29300	460/3/60	5.1	—	7.5 x 7.5	13 7/8	3/4	1/2	72	1036.98
CR34K6EPFV875	34500	31200	208-230/1/60	16.6	50 x 370	7.5 x 7.5	14	3/4	1/2	72	844.18
CR35K6EPFV875	35000	31900	208-230/1/60	18.0	40 x 370	7.5 x 7.5	14	3/4	1/2	72	846.72
CR35K6ETF5875	34900	31900	200-230/3/60	11.4	—	7.5 x 7.5	14	3/4	1/2	72	1058.36
CR35K6ETFD875	34900	31900	460/3/60	4.8	—	7.5 x 7.5	14	3/4	1/2	72	1058.36
CR38K6EPFV875	38200	35000	208-230/1/60	19.0	40 x 440	7.5 x 7.5	14 3/8	3/4	1/2	76	891.46
CR38K6ETF5875	37900	35000	200-230/3/60	11.9	—	7.5 x 7.5	14 3/8	3/4	1/2	76	1114.30
CR38K6ETFD875	37900	35000	460/3/60	5.9	—	7.5 x 7.5	14 3/8	3/4	1/2	76	1114.30
CR42K6EPFV875	41900	39500	208-230/1/60	20.4	40 x 440	7.5 x 7.5	13 7/8	3/4	1/2	76	973.74
CR42K6ETF5875	41700	39500	200-230/3/60	14.0	—	7.5 x 7.5	14 5/8	3/4	1/2	76	1217.20
CR42K6ETFD875	41700	39500	460/3/60	6.4	—	7.5 x 7.5	14 5/8	3/4	1/2	76	1217.20
CR47KQEPFV970	44500	41800	208-230/1/60	24.6	45 x 440	7.5 x 7.5	14 7/8	7/8	1/2	80	1043.20
CR47KQETF5970	43700	43900	200-230/3/60	16	—	7.5 x 7.5	14 7/8	7/8	1/2	80	1311.22
CR47KQETFD970	44000	44100	460/3/60	8.2	—	7.5 x 7.5	14 7/8	7/8	1/2	80	1311.22
CR53KQEPFV970	53300	49900	208-230/1/60	29	60 x 440	7.5 x 7.5	14 7/8	7/8	1/2	80	1160.98
CR53KQETF5970	53200	46700	200-230/3/60	18	—	7.5 x 7.5	14 7/8	7/8	1/2	80	1459.18
CR53KQETFD970	53200	49400	460/3/60	9.1	—	7.5 x 7.5	14 7/8	7/8	1/2	80	1459.18
CRPQ045EPFV970	54400	—	208-230/1/60	30.7	45 x 440	7.5 x 7.5	15 7/8	7/8	1/2	94	1363.70
CRNQ050EPFV970	61100	57500	208-230/1/60	34.3	55 x 440	7.5 x 7.5	16 1/2	RL	1/2	91	1299.34
CRNQ050ETF5970	61100	57500	200-230/3/60	21.4	—	7.5 x 7.5	16 1/2	RL	1/2	91	1478.14
CRNQ050ETFD970	61100	57500	460/3/60	9.6	—	7.5 x 7.5	16 1/2	RL	1/2	91	1478.14

Refrigerants and lubricants approved for use in Copeland™ compressors

	Refrigerants	Class*	Similar to	Application		Lubricant choices			Comments
				Retrofit	New	Preferred	Alternate #1	Alternate #2	
Ozone depleting	CFC R-12			L,M		MIN	AB & MIN		Phased out in 1996
	CFC R-502			L,M		MIN	AB & MIN	POE-32	Phased out in 1996
	HCFC R-22			L,M,H		MIN	AB & MIN	POE-32	No new equipment 2010**
	HCFC R-401A		R-12	M,H		AB & MIN	POE-32 & MIN	POE-32	For service applications only, trade name: Suva™ MP39
	HCFC R-401B		R-12	L,M		AB & MIN	POE-32 & MIN	POE-32	For service applications only, trade name: Suva MP66
	HCFC R-402A		R-502	L,M		AB & MIN	POE-32 & MIN	POE-32	For service applications only, trade name: Suva HP80
	HCFC R-402B		R-502	L,M		AB & MIN	POE-32 & MIN	POE-32	For service applications only, trade name: Suva HP81
	HCFC R-408A		R-502	L,M		AB & MIN	POE-32 & MIN	POE-32	For service applications only, trade name: FX10
	HCFC R-409A		R-12	L,M		AB & MIN	POE-32 & MIN	POE-32	For service applications only, trade name: FX56
Non-ozone depleting	HFC R-134a		R-12	M,H	M,H	POE-32			
			R-12	L,M	L,M	POE-22B			Hatcol 4408/Savsyn 200KC for use with specific Copeland compressors designed for R-134a manufactured in India
	HFC R-404A		R-502	L,M	L,M	POE-32			Suva HP62, Forane™ FX70
			R-502	L,M	L,M	POE-22C			For use with compressors manufactured in India
	HFC R-507		R-502	L,M	L,M	POE-32			Genetron™ AZ50
	HFC R-407A	A1	R-22	L,M	L,M	POE-32			
	HFC R-407C		R-22	L,M,H	L,M,H	POE-32			Suva 9000/KLEA 66
	HFC R-407F		R-22	L,M	L,M	POE-32			Discus™ and select refrigeration scroll models (ZF/ZB)
	R-448A		R-22/R-404A	L,M	L,M	POE-32			Solstice™ N40
	R-449A		R-22/R-404A	L,M	L,M	POE-32			Opteon™ XP40
	R-450A		R-12/R-134a	M,H	M,H	POE-32			Solstice N13 for refrigeration applications only
	R-513A		R-12/R-134A	M,H	M,H	POE-32			Opteon XP10 for refrigeration applications only
	R-452A		R-22/R-404A	L,M	L,M	POE-32			OPTEON™ XP44 for U.S. and European pre-approved applications only
	HFC R-410A				Discus = L,M Scroll = M,H	POE-32			ZP & ZB KCP Copeland Scroll™ models and certain Discus models only
					M,H	PVE-68			For use with specific highside variable speed compressors manufactured in Suzhou.
	HFC R-422A/D		R-22	L,M		POE-32	MIN	AB	Discus supermarket racks only
	HFC-R427A		R-22	L,M		POE-32			Discus supermarket racks only
	HFC R-438A		R-22	L,M		POE-32	MIN	AB	Discus supermarket racks only; ISCEON™ MO99
	R-704 helium				Cryogenic	PAG			ZC Copeland Scroll models only
	R-744 CO_2	A1			Sub-critical	POE-68			4MTLS Discus and ZO Copeland Scroll models for CO_2
						PAG-68			RFL 38 EP, PAG-B for CO_2 compressor manufactured in Welkenraedt
					Trans-critical	POE-68			4MTLS semi-hermetic compressors for medium temp trans-critical applications
	R-32	A2L			M,H	POE-32B			For use with specific compressors designed for R-32 manufactured in Suzhou
Non-ozone depleting	R-290 propane	A3			L,M,H	POE-68B			For use with specific Scroll Copeland compressors manufactured in North Ireland for R-290
					L,M	POE-22A			For use with specific Copeland compressors designed for R-290, excluding models manufactured in India
						POE-32			For use with specific Copeland compressors manufactured in India for R-290

For specific product availability and performance data refer to Emerson sales literature.
Refer to Application Engineering bulletins, change-over guidelines and MSDS sheets for additional information at Emerson.com/OPI

Legend:

MIN: Mineral Oil (Copeland 46BWMO, Calumet RO15, Chevron/Texaco Capella WF32, Sonneborn Suniso 3GS, 3GS-P, Savsol 3000, Sonneborn LP200 and Savsol LP200, KRP-32, KRW-35) Mineral oils are interchangeable for 'top off' purposes

AB: Alkyl Benzene Oil (Copeland Ultra 200, National NL AKB200R, Shrieve Zerol 200 TD, Sonneborn Suniso AKB200A, Shell 2212)

POE-32: Polyolester Oil (Copeland Ultra 32-3MAF, Lubrizol Emkarate RL32-3MAF, Everest 32-3MAF, National NL PE32-3MAF, Parker EMKARATE RL32-3MAF/ (Virginia) LE323MAF, Nu Calgon 4314-66/EMKARATE RL32-3MAF, Everest 22 CC, Copeland Ultra 22 CC, Mobil Arctic 22 CC) Last three are approved for 'top off' only, 32-3MAF preferred

POE-B: SP32 for use with R-32 applications

POE-32B: Hatcol 4408, Savsyn 200KC

POE-22A: RL22H, RL22HB

POE-22C: HXL-8828, Hatcol 4440

PAG: Polyalkylene Glycol Oil (Lubrizol RPAG 62, UCON LB300X)

PAG-68: RFL 68EP for use in R-744 CO_2

PVE-68: FVC 68D for high-side variable speed

POE-32 & MIN: Minimum 50% POE

AB & MIN: Minimum 50% Alkyl Benzene

POE-68: Emkarate RL68HB oil for use with R-744 CO_2 applications

POE-68B: Hatcol 4467 POE 68 (ISO 68 viscosity grade), Chemtura

L: Low Temperature Application (Refrigeration) for R-407A, R-407C, R-407F, R-422A/D, R-427A, R-438A, R-448A, R-449A Demand Cooling™ or auxiliary cooling may be required for low temperature application - See AE guidelines for details

M: Medium Temperature Application (Refrigeration)

H: High Temperature Application (Air-Conditioning, Heat Pump, Refrigeration)

* ASHRAE Std. 34 Refrigerant Classification: A1=Non-Flammable/Non-Toxic; A2, A2L=Mildly Flammable/Non-Toxic; A3 = Flammable/Non-Toxic; B2, B2L = Mildly Flammable/Toxic. A2L and B2L are lower flammability refrigerants with a maximum burning velocity of < 3.9 in/sec (10cm/s)

** A & R product lines with R-22 are only approved for use with AB oil.

Spectronics AR-GLO 4/E Fluorescent Leak Detection Dye is approved for HFC/POE and HCFC/ Mineral Oil usage at the manufacturer's recommended concentrations.

CAUTION: POE must be handled carefully and the proper protective equipment (gloves, eye protection, etc.) must be used when handling POE lubricant. POE must not come into contact with any surface or material that might be harmed by POE, including without limitation, certain polymers (e.g. PVC/CPVC and polycarbonate).

EMERSON

93-11 R34 (6/17)

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SEMI-HERMETIC COMPRESSOR

These compressors are the workhorse of the industry. They have long been known for their durability and ability to withstand adverse conditions. They are the unit of choice for commercial processes in the supermarket, transport refrigeration, and large capacity air conditioning industries, among others. Discus compressors are the latest incarnation. Their state-of-the-art valve mechanisms increase efficiency and virtually eliminate valve related failures.

"HA" SERIES

- Smallest body compressor: 1/3 to 1/2 HP
- Charged with Polyol Ester oil
- Valves and electrical components sold separately

		Application, Capacity									
Model	HP	R404A	BTUH	R507	BTUH	R22	BTUH	R502	BTUH	R12	BTUH
HAFB003EIAA	1/3	L -25	882	L-25	908	L -25	694	L -25	725	M/H 45	2,780
		L -40	447	L-40	460	L -40	159	L -40	346	M/H 20	1,560
										M/H 0	914
HAJB003EIAA	1/3	XL -25	1,230								
		XL -40	614								
HAGA005ETAC	1/2					H 45	5,280				
HAGB005ECAV						H 20	3,170				
HAJA005ETAC	1/2	M 20	3,910	M 20	4027	M 20	3,700				
HAJB005ECAV		M 0	2,640	M 0	2719	M 0	2,400				
HATB005ECAA	1/2					L -25	1,930			M 20	3,600
						L -40	1,080			M 0	2,350

"KA" SERIES

Extra cooling capacity in a small body compressor. Found in the majority of semi-hermetic unitary installations.

- Range: 1/2 to 2 HP
- Typical dimensions: 14 3/8" L x 9 1/2" W x 11 1/5" H
- Air Cooled
- Typical valve selection: 1/2" x 3/8": 1/2 HP
  5/8" x 3/8": 3/4 HP
  5/8" x 1/2": 1 HP
  7/8" x 1/2": 1 1/2, 2 HP
- Mounting dimensions 8 3/16" L x 6 3/8" W

		Application, Capacity									
Model	HP	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	R502	BTUH	R12	BTUH
KAEB005AIAA	1/2										M 20	3,850
KAEB005ACAV												
KAEA005ATAC											M 0	2,520
KAG2005AIAA	1/2								L*		L –25	1,690
KAGB005ACAV											L –40	880
KAGB005EIAA		XL		XL					L			
KAMB005AIAA	1/2					L			L		L –25	1,390
KAMB005ACAV											L –40	628
KAMA005ATAC												
KANB005EIAA	1/2	L –25	1,400	L –25	1,442	L –25	1,340	M/H	L –25	1,830	H 45	5,050
KANB005ECAV		L –40	616	L –40	634	L –40	536		L –40	1,071	M 20	2,980
KANA006ETAC												
KAA2007AIAA	3/4								L*		L –25	2,410
KAA1007ATAC											L –40	1,290
KAAB007AIAA												
KAAB007ACAV												
KAAB007ECAA	3/4	XL –25	4,200	XL –25	4,326				L			
KAAB007ECAV		XL –40	2,460	XL –40	2,534							

COPELAND™

Part No.	HP	Voltage	RLA (Amps)	Typical Valve Selection (In.)	Mount (In.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
HAFB003EIAA	1/3	115/1/60	5.4	3/8 x 1/4	8 3/16 x 6 3/8	12 3/8	8 15/16	11 1/5	72	**4465.00**
HAJB003EIAA	1/3	115/1/60	4.7	3/8 x 1/4	8 3/16 x 6 3/8	12 3/8	8 15/16	11 1/5	72	**3392.00**
HAGA005ETAC	1/2	208-230/3/60	2.4	1/2 x 3/8	8 3/16 x 6 3/8	12 3/8	8 15/16	11 1/5	72	**4578.00**
HAGB005ECAV	1/2	208-230/1/60	4.0	1/2 x 3/8	8 3/16 x 6 3/8	12 3/8	8 15/16	11 1/5	72	**4026.00**
HAJA005ETAC	1/2	208-230/3/60	2.2	1/2 x 3/8	8 3/16 x 6 3/8	12 3/8	8 15/16	11 1/5	72	**4214.00**
HAJB005ECAV	1/2	208-230/1/60	3.7	1/2 x 3/8	8 3/16 x 6 3/8	12 3/8	8 15/16	11 1/5	72	**3943.00**
HATB005ECAA	1/2	115/1/60	10.4	1/2 x 3/8	8 3/16 x 6 3/8	12 3/8	8 15/16	11 1/5	72	**3892.00**

- Valves and electrical components sold separately
  940000148 = Mars 63 (United part# 19002)
  940000149 = Mars 68 (United part# 19007)
  940000150 = Mars 68 (United part# 19007)
  940000151 = Mars 65 (United part# 19004)
  940000161 = Mars 67 (United part# 19006)

- Oil charge: AB = Alkylbenzene
  POE = Polyolester

COPELAND™

Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately) Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
KAEB005AIAA	115/1/60	7.8	AB	400-480 x 115	—	940000148	83	**1502.00**
KAEB005ACAV	208-230/1/60	3.4	AB	108-130 x 330	10 x 370	940000149	83	**1630.00**
KAEA005ATAC	208-230/3/60	1.9	AB	—	—	—	83	**1608.00**
KAG2005AIAA	115/1/60	7.8	AB	400-480 x 115	—	940000148	83	**1325.00**
KAGB005ACAV	208-230/1/60	4.1	AB	108-130 x 330	10 x 370	940000149	83	**1630.00**
KAGB005EIAA	115/1/60	7.8	POE	400-480 x 115	—	940000148	83	**1514.00**
KAMB005AIAA	115/1/60	7.2	AB	400-480 x 115	—	940000148	83	**1535.00**
KAMB005ACAV	208-230/1/60	3.7	AB	108-130 x 330	10 x 370	940000149	83	**3056.00**
KAMA005ATAC	208-230/3/60	1.7	AB	—	—	—	83	**2816.00**
KANB005EIAA	115/1/60	8.0	POE	400-480 x 115	—	940000148	83	**1503.00**
KANB005ECAV	208-230/1/60	3.6	POE	108-130 x 330	10 x 370	940000149	83	**1602.00**
KANA006ETAC	208-230/3/60	2.2	POE	—	—	—	91	**1603.00**
KAA2007AIAA	115/1/60	10.2	AB	540-648 x 110	—	940000148	91	**2767.00**
KAA1007ATAC	208-230/3/60	2.6	AB	—	—	—	91	**1787.00**
KAAB007AIAA	115/1/60	10.2	AB	540-648 x 110	—	940000148	91	**1486.00**
KAAB007ACAV	208-230/1/60	5.8	AB	145-174 x 220	10 x 370	940000149	91	**1726.00**
KAAB007ECAA	115/1/60	10.2	POE	540-648 x 110	25 x 440	940000148	91	**1748.00**
KAAB007ECAV	208-230/1/60	5.8	POE	145-174 x 220	10 x 370	940000149	91	**1753.00**

Continued on next page

SEMI-HERMETIC COMPRESSOR

"KA" SERIES (Cont'd.)

		Application, Capacity									
Model	HP	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	R502	BTUH	R12	BTUH
KAEB007ECAA	3/4	L –25	1,980	L –25	2,039	M 20	6,080		L			
KAEB007ECAV		L –40	932	L –40	960	M 0	3,950		L			
KAEA007ETAC												
KAGB007AIAA	3/4										M 20	5,420
KAGB007ACAV											M 0	3,500
KAGA007ATAC											M	
KAJB007ACAV	3/4								XL*		L –25	1760
KAJA007ATAC											L –40	614
KAJB007EIAA									L*			
KAMA007ATAC	3/4					L –25	2,470		L –25	2,790	H 45	8,180
						L –40	1,270		L –40	1,610	M 20	5,000
											M 0	3,050
KAMB007EIAA	3/4	L –25	2,610	L-25	2,688							
KAMB007ECAA		L –40	1,390	L –40	1,432							
KAMB007ECAV												
KAMA007ETAC												
KAN2007ACAA	3/4					H 45	8,360					
KANB007ECAV						H 20	4,990					
KANA007ETAC												
KAGA010ATAC	1								M			
KAGB010ECAV	1	M	8,900	M 20	9,167				M			
KAGA010ETAC		M	6,100	M 0	6,283							
KAJB010ACAA	1					L –25	3,370		L –25	3,790	M/H	10,400
						L –40	1,920		L –40	2,150	M/H	6,500
KAJB010ECAV	1	L –25	3,710	L –25	3,821			M/H				
KAJA011ETAC		L –40	2,110	L –40	2,173							
KAJA011ETAD												
KAK2010ACAA	1										M 20	7,520
KAKA010ATAC											M 0	5,060
KAKA010ATAD												
KAKB011ECAV	1	L –25	4,410	L –25	4,542							
		L –40	2,430	L –40	2,173							
KALB010ACAA	1										L –25	3,150
KALA010ATAC											L –40	1,700
KALA010ATAD												
KALB010ECAV	1	XL										
KAMB010ACAV	1					M/H 45	13,300					
KAMA010ATAC						M/H 20	8,150					
KAM1010ATAD												
KARB010ECAV	1	M 20	7,220	M 20	7, 437	M/H			M			
KARA010ETAC		M 0	5,080	M 0	5,232							
KARA011ETAD												
KATB010ACAA	1										L –25	4,000
KATB010ACAV											L –40	2,350
KATA010ATAC												
KATA010ATAD												
KAGB015ACAV	1 1/2					M/H 45	15,300					
KAGA015ATAC						M/H 20	8,960					
KAGA015ATAD												

COPELAND™

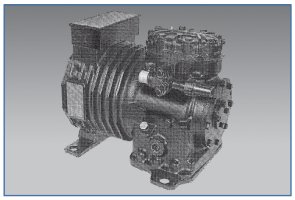
Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately) Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
KAEB007ECAA	115/1/60	10.9	POE	540-648 x 110	30 x 370	940000175	96	**1752.00**
KAEB007ECAV	208-230/1/60	5.4	POE	145-174 x 220	10 x 370	940000149	96	**1752.00**
KAEA007ETAC	208-230/3/60	3.4	POE	—	—	—	96	**1807.00**
KAGB007AIAA	115/1/60	9.5	AB	540-648 x 110	—	940000148	91	**1619.00**
KAGB007ACAV	208-230/1/60	5.4	AB	145-174 x 220	10 x 370	940000149	91	**1692.00**
KAGA007ATAC	208-230/3/60	2.8	AB	—	—	—	91	**1746.00**
KAJB007ACAV	208-230/1/60	5.1	AB	145-174 x 220	10 x 370	940000149	91	**1759.00**
KAJA007ATAC	208-230/3/60	2.8	AB	—	—	—	91	**1746.00**
KAJB007EIAA	115/1/60	9.1	POE	540-648 x 110	—	940000148	91	**1587.00**
KAMA007ATAC	208-230/3/60	3.2	AB	—	—	—	91	**1746.00**
KAMB007EIAA	115/1/60	10.1	POE	540-648 x 110	—	940000148	91	**1587.00**
KAMB007ECAA	115/1/60	10.9	POE	430-516 x 110	40 x 370	940000162	91	**1945.00**
KAMB007ECAV	208-230/1/60	5.6	POE	145-174 x 220	10 x 370	940000149	91	**1730.00**
KAMA007ETAC	208-230/3/60	3.2	POE	—	—	—	91	**1763.00**
KAN2007ACAA	115/1/60	11.7	AB	540-648 x 110	30 x 370	940000175	91	**2697.00**
KANB007ECAV	208-230/1/60	5.4	POE	145-174 x 220	10 x 370	940000149	91	**1771.00**
KANA007ETAC	208-230/3/60	3.0	POE	—	—	—	91	**1807.00**
KAGA010ATAC	208-230/3/60	4.3	AB	—	—	—	91	**2670.16**
KAGB010ECAV	208-230/1/60	7.5	POE	145-174 x 220	40 x 440	940000150	91	**2304.00**
KAGA010ETAC	208-230/3/60	4.3	POE	—	—	—	91	**2196.00**
KAJB010ACAA	115/1/60	12.4	AB	430-516 x 125	40 x 370	940000151	91	**2101.00**
KAJB010ECAV	208-230/1/60	6.9	POE	145-174 x 220	20 x 440	940000150	91	**2000.00**
KAJA011ETAC	208-230/3/60	4.6	POE	—	—	—	91	**1848.00**
KAJA011ETAD	460/3/60	2.1	POE	—	—	—	91	**1848.00**
KAK2010ACAA	115/1/60	11.4	AB	430-516 x 125	40 x 370	940000151	91	**2046.00**
KAKA010ATAC	208-230/3/60	3.3	AB	—	—	—	91	**1725.00**
KAKA010ATAD	460/3/60	2.4	AB	—	—	—	91	**1725.00**
KAKB011ECAV	208-230/1/60	7.9	POE	145-174 x 220	40 x 440	940000150	91	**1896.00**
KALB010ACAA	115/1/60	10.9	AB	430-516 x 110	40 x 370	940000151	91	**3024.00**
KALA010ATAC	208-230/3/60	3.3	AB	—	—	—	91	**1724.00**
KALA010ATAD	460/3/60	1.8	AB	—	—	—	91	**3480.00**
KALB010ECAV	208-230/1/60	6.9	POE	145-174 x 220	20 x 440	940000150	91	**1995.00**
KAMB010ACAV	208-230/1/60	7.5	AB	145-174 x 220	20 x 440	940000150	91	**1996.00**
KAMA010ATAC	208-230/3/60	4.5	AB	—	—	—	91	**2079.00**
KAM1010ATAD	460/3/60	2.2	AB	—	—	—	91	**1994.00**
KARB010ECAV	208-230/1/60	7.4	POE	145-174 x 220	20 x 440	940000150	91	**1980.00**
KARA010ETAC	208-230/3/60	4.3	POE	—	—	—	91	**1913.00**
KARA011ETAD	460/3/60	2.0	POE	—	—	—	91	**1912.00**
KATB010ACAA	115/1/60	12.4	AB	430-516 x 125	40 x 370	940000151	91	**3072.00**
KATB010ACAV	208-230/1/60	7.2	AB	145-174 x 220	20 x 440	940000150	91	**2031.00**
KATA010ATAC	208-230/3/60	3.9	AB	—	—	—	91	**1903.00**
KATA010ATAD	460/3/60	2.1	AB	—	—	—	91	**3517.00**
KAGB015ACAV	208-230/1/60	9.6	AB	130-156 x 330	25 x 480	940000161	96	**2501.00**
KAGA015ATAC	208-230/3/60	5.5	AB	—	—	—	96	**2448.00**
KAGA015ATAD	460/3/60	2.5	AB	—	—	—	96	**2448.00**

Continued on next page

SEMI-HERMETIC COMPRESSOR

"KA" SERIES (Cont'd.)

		Application, Capacity									
Model	HP	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	R502	BTUH	R12	BTUH
KALB015ACAB	1 1/2								L –25	5,190	M/H 45	15,150
KALA015ATAC									L –40	3640	M/H 20	9410
KALA015ATAD											M/H 0	6000
KALB015ECAV	1 1/2	L-25	5,610	L-25	5,778			M/H				
KALA016ETAC		L-40	3,010	L-40	3,100							
KALA016ETAD												
KATB015ACAB	1 1/2										M 20	11,400
KATA015ATAD											M 0	7,500
KATB015ECAV	1 1/2	XL							XL			
KATA015ETAC												
KAKB021ECAV	2	M 20	11,900	M 20	12,257	L/M/H 45	21,000		M		M	
KAKA020ETAC		M 0	8,190	M 0	8,436	L/M/H 20	12,900					
KAKA020ATAD						L/M/H –25	3,810					
						L/M/H –40	2,120					



"E" SERIES

- Mid range compressor: 1 1/2 to 3 HP; EA air cooled, ER refrigerant cooled
- Typical dimensions: 16 11/16" L x 12" W x 13 4/5" H
- Mounting dimension: 10 1/16" L x 10 1/2"W
- Valves and electrical components sold separately 940000161 = Mars 67
- Oil charge: AB = Alkylbenzene
  POE = Polyolester

		Application Capacity									
Model	HP	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
EAAB015ACAB	1 1/2												
EAAA015ATAC													
EAB1015ATAC	1 1/2											M 20	11,500
												M 0	7,340
EAJB015ACAH	1 1/2											L -40	4,900
EAJB015ACAB												L -25	3,200
EAJA015ATAC													
EAV2015ACAB	1 1/2											L -25	3,960
EAV1015ATAC												L -40	1,725
EABB020ACAB	2											M	
EADA020ATAD	2					L -25	5380			L -25	6600		
EADB021ECAB		L -25	6,260	L -25	6,448								
EADA020ETAC		L -40	3,420	L -40	3,532								
EALB020ACAH	2											M 20	15,680
EALB020ACAB												M 0	10,200
EALA020ATAC													
EAL1020ATAD													
EAVB020ACAH	2									L -25	7,875	H 45	21,300

COPELAND

Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately) Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
KALB015ACAB	230/1/60	5.6	AB	108-130 x 330	20 x 440	940000161	96	**3578.00**
KALA015ATAC	208-230/3/60	5.4	AB	—	—	—	96	**2289.00**
KALA015ATAD	460/3/60	2.9	AB	—	—	—	96	**2289.00**
KALB015ECAV	208-230/1/60	9.9	POE	130-156 x 330	25 x 480	940000161	96	**2505.00**
KALA016ETAC	208-230/3/60	6.6	POE	—	—	—	96	**2431.00**
KALA016ETAD	460/3/60	3.4	POE	—	—	—	96	**2431.00**
KATB015ACAB	230/1/60	6.1	AB	108-130 x 330	20 x 440	940000161	96	**3621.00**
KATA015ATAD	460/3/60	2.9	AB	—	—	—	96	**2169.00**
KATB015ECAV	208-230/1/60	9.6	POE	130-156 x 330	25 x 480	940000161	96	**2516.00**
KATA015ETAC	208-230/3/60	6.0	POE	—	—	—	96	**2306.00**
KAKB021ECAV	208-230/1/60	10.6	POE	130-156 x 330	40 x 440	940000161	96	**2805.00**
KAKA020ETAC	208-230/3/60	6.8	POE	—	—	—	101	**2730.00**
KAKA020ATAD	460/3/60	3.0	AB	—	—	—	101	**2575.00**

- Typical valve selection: 7/8" x 1/2": 1 1/2, 2 HP
  7/8" x 5/8": 2 HP
  1 1/8" x 5/8": 3 HP

COPELAND

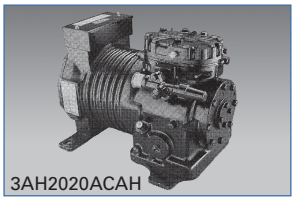
Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately) Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
EAAB015ACAB	230/1/60	8.9	AB	108-130 x 330	20 x 440	940000161	168	**3456.00**
EAAA015ATAC	208-230/3/60	5.9	AB	—	—	—	168	**3680.00**
EAB1015ATAC	208-230/3/60	2.5	AB	—	—	—	162	**4395.78**
EAJB015ACAH	208/1/60	5.9	AB	108-130 x 330	20 x 440	940000171	162	**4255.00**
EAJB015ACAB	230/1/60	6.6	AB	108-130 x 330	20 x 440	940000161	162	**3438.00**
EAJA015ATAC	208-230/3/60	5.9	AB	—	—	—	162	**3611.00**
EAV2015ACAB	230/1/60	6.4	AB	108-130 x 330	20 x 440	940000161	162	**4828.44**
EAV1015ATAC	208-230/3/60	5.6	AB	—	—	—	162	**3846.00**
EABB020ACAB	230/1/60	8.4	AB	130-156 x 330	25 x 440	940000161	168	**4499.38**
EADA020ATAD	460/3/60	3.1	AB	—	—	—	168	**3858.00**
EADB021ECAB	230/1/60	10.0	POE	130-156 x 330	25 x 440	940000161	168	**3963.00**
EADA020ETAC	208-230/3/60	6.8	POE	—	—	—	168	**3922.00**
EALB020ACAH	208/1/60	12.9	AB	130-156 x 330	25 x 440	940000161	168	**4834.16**
EALB020ACAB	230/1/60	8.7	AB	130-156 x 330	25 x 440	940000161	168	**3633.00**
EALA020ATAC	208-230/3/60	7.1	AB	—	—	—	168	**3703.00**
EAL1020ATAD	460/3/60	3.7	AB	—	—	—	168	**3751.00**
EAVB020ACAH	208/1/60	12.4	AB	130-156 x 330	25 x 440	940000161	168	**4230.00**

Continued on next page

SEMI-HERMETIC COMPRESSOR

"E" SERIES (Cont'd.)

Model	HP	Application Capacity R404A	BTUH	R507	BTUH	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
EAVB021ECAV		L -25	6,970	L -25	7,179	L -25	6,470	M/H 45	21,700				
EAVA021ETAC		L -40	3,790	L -40	3,904	L -40	3,820	M/H 20	12,800				
EAVA021ETAD													
ERA2020ACAB	2					H 45	20,000						
ERA1020ATAC						H 20	10,100						
ERA1020ATAD													
ERCA020ATAC	2					M 20	14,400			M 20	16,200		
						M 0	8,900			M 0	10,900		
ERCA021ETAC		M 20	15,100	M 20	15,553								
ERCA020ETAD		M 0	10,500	M	10,815								
ERJ2020ACAB	2											H 45	20,500
ERJ1020ATAC												H 20	12,000
ERJ1020ATAD													
ERFB031ECAB	3	M 20	22,300	M 20	22,969	M/H 45	35,200			M 20	22,800		
ERFA031ETAC		M 0	15,400	M 0	15,862	M/H 20	21,700			M 0	15,900		
ERFA031ETAD													


3AH2020ACAH

"3" SERIES

- Mid range compressor: 2 to 3 HP; 3A air cooled, 3R refrigerant cooled
- Typical dimensions: 18" L x 13" W x 13 3/4" H
- Typical valve selection:
  7/8" x 1/2": 2 HP
  1 1/8" x 5/8": 3 Hp
- Mounting dimensions: 11 5/8" L x 11" W
- Oil charge: AB = Alkylbenzene
  POE = Polyolester

Model	HP	Application Capacity R404A	BTUH	R507	BTUH	R22	BTUH	R502	BTUH	R12	BTUH
3AH2020ACAH	2									L-25	6,540
3AH2020ACAB										L -40	3,300
3AH1020ATAC											
3AH1020ATAD											
3AJB021ACAB	2									L -25	5,100
3AJA021ATAC										L -40	2,550
3AB2031ACAB	3							L -25	8,500		
								L -40	5,240		
3ABB032ECAB		L -25	8,440	L -25	8,693						
3ABA031ETAC		L -40	4,050	L -40	4,171						
3ABA031ETAD											
3RA1031ATAC	3					M 20	25,800	M 20	33,300		
3RA2031ACAB						M 0	16,500	M 0	22,500		
3RAA031ETAC	3	M 20	26,200	M 20	26,986	M		M			
3RAA031ETAD		M 0	17,500	M 0	18,025	M		M			
3RK2031ACAB	3									M/H 45	29,500
3RK1031ATAC										M/H 20	18,500
3RK1031ATAD											

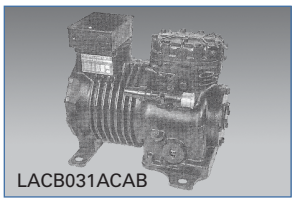
COPELAND™

Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately) Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
EAVB021ECAV	208-230/1/60	14.7	POE	189-227 x 330	40 x 440	940000169	168	**3804.00**
EAVA021ETAC	208-230/3/60	7.4	POE	—	—	—	168	**3823.00**
EAVA021ETAD	460/3/60	3.9	POE	—	—	—	168	**4073.00**
ERA2020ACAB	230/1/60	10.4	AB	130-156 x 330	25 x 440	940000161	170	**3750.00**
ERA10200TAC	208-230/3/60	6.6	MIN	—	—	—	170	**3766.00**
ERA1020ATAD	460/3/60	3.5	AB	—	—	—	170	**3766.00**
ERCA020ATAC	208-230/3/60	8.8	AB	—	—	—	170	**3801.00**
ERCA021ETAC	208-230/3/60	8.8	POE	—	—	—	170	**4002.00**
ERCA020ETAD	460/3/60	3.5	POE	—	—	—	170	**3976.00**
ERJ2020ACAB	230/1/60	10.1	AB	130-156 x 330	25 x 440	940000161	170	**3750.00**
ERJ1020ATAC	208-230/3/60	6.3	AB	—	—	—	170	**3755.00**
ERJ1020ATAD	460/3/60	3.4	AB	—	—	—	170	**4262.00**
ERFB031ECAB	230/1/60	17.0	POE	130-156 x 330	40 x 440	940000169	187	**4303.00**
ERFA031ETAC	208-230/3/60	12.4	POE	—	—	—	187	**4168.00**
ERFA031ETAD	460/3/60	5.8	POE	—	—	—	187	**4168.00**

COPELAND™

Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately) Start Cap (µf x Volt)	Run Cap (µf x Volt)	Relay	Ship Wgt. (Lbs.)	Price
3AH2020ACAH	208/1/60	12.4	AB	130-156 x 330	25 x 440	940000161	187	**5218.92**
3AH2020ACAB	230/1/60	9.3	AB	130-156 x 330	25 x 440	940000161	187	**4063.00**
3AH1020ATAC	208-230/3/60	6.6	AB	—	—	—	187	**4070.00**
3AH1020ATAD	460/3/60	3.7	AB	—	—	—	187	**5925.00**
3AJB021ACAB	230/1/60	14.4	AB	189-227 x 330	30 x 440	940000169	187	**5009.00**
3AJA021ATAC	208-230/3/60	10.0	AB	—	—	—	187	**4137.00**
3AB2031ACAB	230/1/60	14.7	AB	189-227 x 330	30 x 440	940000169	189	**4366.00**
3ABB032ECAB	230/1/60	14.7	POE	189-227 x 330	40 x 440	940000169	189	**4703.00**
3ABA031ETAC	208-230/3/60	10.0	POE	—	—	—	189	**4624.00**
3ABA031ETAD	460/3/60	5.1	POE	—	—	—	189	**5161.00**
3RA1031ATAC	208-230/3/60	13.1	AB	—	—	—	187	**4291.00**
3RA2031ACAB	230/1/60	17.8	AB	130-156 x 330	40 x 440	940000169	187	**4381.00**
3RAA031ETAC	208-230/3/60	14.2	POE	—	—	—	187	**4625.00**
3RAA031ETAD	460/3/60	6.3	POE	—	—	—	187	**4978.00**
3RK2031ACAB	230/1/60	18.3	AB	130-156 x 330	40 x 440	940000169	193	**4542.00**
3RK1031ATAC	208-230/3/60	11.8	AB	—	—	—	193	**4291.00**
3RK1031ATAD	460/3/60	5.2	AB	—	—	—	193	**4621.00**

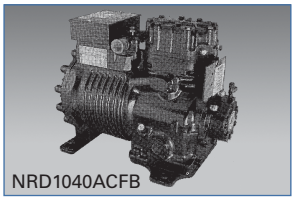
SEMI-HERMETIC COMPRESSOR


LACB031ACAB

"LA" SERIES

- Mid range air cooled compressor: 3 HP
- Typical dimensions: 18 5/8" L x 14" W x 15 3/4"H
- Typical valve selection: 1 1/8" x 5/8"
- Mounting dimensions: 11 5/8" L x 11" W
- Oil charge: AB = Alkylbenzene
  POE = Polyolester

		Application, Capacity									
Model	HP	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	R502	BTUH	R12	BTUH
LACA031ATAC	3								XL -25	13,500	M 20	23,200
LACA031ATAC									XL -40	8,710	M 0	16,000
LACB032ECAB		XL -25	14,600	XL -25	15,038			M				
LACA032ETAC		XL -40	8,130	XL -40	8,374							
LACA032ETAD												
LAHA031ATAD	3					L -25	9,840		L -25	11,100	M/H 45	31,900
						L -40	5,060		L -40	6,920	M/H 20	20,500
LAHB031ECAB		L -25	11,200	L -25	11,536				L			
LAHB032ECAB		L -40	5,450	L -40	5,614				L			
LAHA031ETAC												
LAHA032ETAC												
LAHA032ETAD												
LALB032ECAB		L -25	13,000	L -25	13,390							
LALA032ETAC		L -40	7,460	L -40	7,673							
LALA032ETAD												
LAMB031ACAB	3										L -25	9,250
LAMA031ATAC											L -40	4,755
LAMA031ATAD											L	


NRD1040ACFB

"NR" SERIES

- Mid range refrigerant cooled compressor: 3 to 5 HP
- Typical dimensions: 21 1/16" L x 13" W x 16 1/4" L
- Typical valve selection: 1 1/8" x 5/8"
- Mounting dimensions: 11 5/8" L x 11" W
- Valves and electrical components sold separately
- Capacity for NRD1 compressors are for 3 HP 3ø models; slightly higher for 4 HP 1ø models

		Application, Capacity									
Model	HP	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	R502	BTUH	R12	BTUH
NRD1040ECFB		L -25	13,600	L -25	14,008			M/H				
NRD1032ETFC		L -40	7,440	L -40	7,663			M/H				
NRD1032ETFD												
NRN2031ATFC	3										L -25	9,720
NRN2031ATFD											L -40	5,470
NRB2040ETFC	4	M 20	29,900	M 20	30,797							
NRB2040ETFD		M 0	19,900	M 0	20,497							
NRA2050ATFC	5					AC/ M 45	57,600					
NRA2050ATFD						AC/ M 20	35,100					
NRM1050ATFC	5					M 20	43,400		M 20	43,900		
NRM1050ATFD						M 0	28,600		M 0	30,400		

COPELAND™

Part No.	Voltage	RLA (Amps)	Oil Charge	Electrical Components (Ordered Separately) Start Cap (µf x Volts)	Run Cap (µf x Volts)	Relay Copeland (Mars)	Ship Wgt. (Lbs.)	Price
LACA031ATAC	208-230/3/60	12.8	AB	—	—	—	221	**4350.00**
LACA031ATAC	208-230/3/60	12.8	AB	—	—	—	221	**4350.00**
LACB032ECAB	230/1/60	15.5	POE	189-227 x 330	60 x 440	940000169	221	**4930.00**
LACA032ETAC	208-230/3/60	12.8	POE	—	—	—	221	**4613.00**
LACA032ETAD	460/3/60	6.0	POE	—	—	—	221	**5043.00**
LAHA031ATAD	460/3/60	6.0	AB	—	—	—	221	**4746.00**
LAHB031ECAB	230/1/60	16.6	POE	189-227 x 330	40 x 440	940000169	221	**4944.00**
LAHB032ECAB	230/1/60	16.7	POE	189-227 x 330	60 x 440	940000169	221	**5037.00**
LAHA031ETAC	208-230/3/60	10.7	POE	—	—	—	221	**4812.00**
LAHA032ETAC	208-230/3/60	12.8	POE	—	—	—	221	**4905.00**
LAHA032ETAD	460/3/60	6.0	POE	—	—	—	221	**5135.00**
LALB032ECAB	230/1/60	15.0	POE	189-227 x 330	60 x 440	940000169	221	**5038.00**
LALA032ETAC	208-230/3/60	12.6	POE	—	—	—	221	**4949.00**
LALA032ETAD	460/3/60	6.2	POE	—	—	—	221	**5450.00**
LAMB031ACAB	230/1/60	12.7	AB	189-227 x 330	30 x 440	940000169	221	**4757.00**
LAMA031ATAC	208-230/3/60	10.0	AB	—	—	—	221	**4670.00**
LAMA031ATAD	460/3/60	4.7	AB	—	—	—	221	**6057.76**

COPELAND™

Part No.	Voltage	RLA (Amps)	Oil Charge	Ship Wgt. (Lbs.)	Price
NRD1040ECFB[1]	230/1/60	27.7	POE	249	**8684.00**
NRD1032ETFC	208-230/3/60	16.3	POE	232	**7926.00**
NRD1032ETFD	460/3/60	8.4	POE	232	**8528.00**
NRN2031ATFC	208-230/3/60	13.0	AB	232	**7882.00**
NRN2031ATFD	460/3/60	6.5	AB	232	**7433.18**
NRB2040ETFC	208-230/3/60	21.8	POE	240	**8511.00**
NRB2040ETFD	460/3/60	11.3	POE	240	**9018.00**
NRA2050ATFC	208-230/3/60	19.2	AB	268	**8180.00**
NRA2050ATFD	460/3/60	9.6	AB	268	**8180.00**
NRM1050ATFC	208-230/3/60	24.3	AB	249	**8344.00**
NRM1050ATFD	460/3/60	12.1	AB	249	**8985.00**

[1]Electrical: start 216-269 x 330, run 40 x 440, relay 940000169(67)

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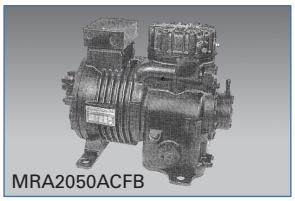
COPELAND

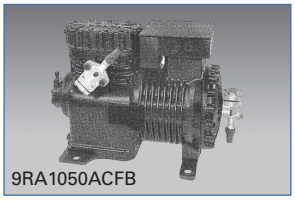
SEMI-HERMETIC COMPRESSOR


MRA2050ACFB

"MR" SERIES

- Mid range refrigerant cooled compressor, 5 to 7 1/2 HP
- Typical dimensions 22 7/16" L x 13"W x 18"H
- Typical valve selection: 1 3/8" x 7/8": 5 HP
  1 3/8" x 1 1/8": 7 1/2 HP
- Oil charge: Alkylbenzene
- Valves and electrical components sold separately

		Application, Capacity					
Model	HP	R22	BTUH	R502	BTUH	R12	BTUH
MRA2050ACFB	5			L -25	23,200	M/H 20	29,000
MRA2050ATFC				L -40	11,500	M/H 0	19,300
MRA2050ATFD							
MRB1050ATFC	5			XL -25	21,200	M/H 20	35,900
MRB1050ATFD				XL -40	12,500	M/H 0	23,100
MRF2050ACFB	5					M/H 45	48,500
MRF2050ATFC						M/H 20	29,000
MRF2050ATFD							
MRH4076ATFC	7 1/2	AC/M	82,000	M 20	53,000		
MRH4076ATFD		AC/M		M 0	35,800		


9RA1050ACFB

"9R" SERIES

- 3 cylinder compressor
- Wide capacity range, 5 to 15 HP
- Typical dimensions: 26" L x 15 1/6" W x 18 2/3" H
- Mounting dimensions: 15" L x 12" W
- Typical valve selection:
  1 3/8" x 7/8": 5 HP
  1 3/8" x 1 1/8": 7 1/2, 10, 15 HP

		Application, Capacity					
Model	HP	R22	BTUH	R502	BTUH	R12	BTUH
9RA1050ACFB	5					M 20	36,400
9RA1050ATFC						M 0	23,400
9RB1050ATFC	5					L -25	16,000
9RB1050ATFD						L -40	7,200
9TK1050ATFC	5	XL (-60)	5,700/8,300	XL (-80)	2,500/5,100		
9RB1076ATFC	7 1/2			L -25	29,500	M 20	48,000
9RB1076ATFD				L -40	19,500	M 0	32,500
9RC1076ATFC	7 1/2					M/H 45	71,600
9RC1076ATFD						M/H 20	42,700
						M/H 0	26,300
9RJ1076ATFC	7 1/2			L/M 20	69,200	L/M -20	14,000
9RJ1076ATFD				L/M 0	46,900	L/M -45	7,000
				L -25	23,900		
				L -40	13,670		
9RS3076ATFC	7 1/2			XL		L/M +20	57,500
9RS3076ATFD				XL		L/M -45	10,000
9TL1076ATFC	7 1/2			XL (-60)	7,500/12,400		
9TL2076ETFC	7 1/2			XL (-65)	10800		
9RC1101ATFC	10			M 20	77000		
9RC1101ATFD				M 0	53000		
9TH1101ATFC	10			XL (-60)	10,300/16,500		
9TH1101ATFD							
9RS31015TFC	10			L -25	35,900		
				L -40			
9RS1150ATSC	15			M 20	95000		
9RS1150ATFD				M 0	64000		
9RT1150ATFD							

COPELAND™

Part No.	Voltage	RLA (Amps)	Ship Wgt. (Lbs.)	Price
MRA2050ACFB[1]	230/1	27.5	298	5709.00
MRA2050ATFC	208-230/3/60	22.0	286	5036.00
MRA2050ATFD	460/3/60	8.6	286	5889.00
MRB1050ATFC	208-230/3/60	21.2	286	5201.00
MRB1050ATFD	460/3/60	12.1	286	6089.00
MRF2050ACFB[1]	230	23.5	298	5709.00
MRF2050ATFC	208-230/3/60	21.0	286	5361.00
MRF2050ATFD	460/3/60	8.7	286	5889.00
MRH4076ATFC	208-230/3/60	30.3	298	6713.00
MRH4076ATFD	460/3/60	13.5	298	6713.00

[1]Electrical: start 216-259 x 330, run 60 x 440, relay 940000164(64)

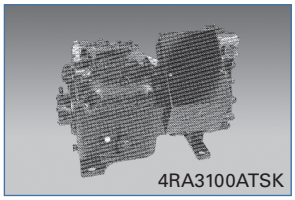
- Valves and electrical components sold separately
- Oil charge: Alkylbenzene

COPELAND™

Part No.	Voltage	RLA (Amps)	Unloader	Ship Wgt. (Lbs.)	Price
9RA1050ACFB[1]	230/1/60	26.9	—	323	6293.00
9RA1050ATFC	208-230/3/60	16.7	—	323	5874.00
9RB1050ATFC	208-230/3/60	15.9	—	323	6010.00
9RB1050ATFD	460/3/60	7.9	—	323	6452.00
9TK1050ATFC[2]	208-230/3/60	19.6	—	359	6776.00
9RB1076ATFC	208-230/3/60	29.9	—	332	6051.00
9RB1076ATFD	460/3/60	15.4	—	332	6704.00
9RC1076ATFC	208-230/3/60	30.6	—	332	6598.00
9RC1076ATFD	460/3/60	15.8	—	332	6704.00
9RJ1076ATFC	208-230/3/60	29.6	—	332	6598.00
9RJ1076ATFD	460/3/60	14.7	—	332	6704.00
9RS3076ATFC	208-230/3/60	29.4	—	348	6292.00
9RS3076ATFD	460/3/60	16.5	—	348	6854.00
9TL1076ATFC[2]	208-230/3/60	30.0	—	367	7982.00
9TL2076ETFC[2]	208-230/3/60	28.9	—	367	8896.24
9RC1101ATFC	208-230/3/60	44.0	—	359	6556.00
9RC1101ATFD	460/3/60	20.0	—	359	7135.00
9TH1101ATFC[2]	208-230/3/60	37.3	—	385	8406.00
9TH1101ATFD[2]	460/3/60	17.5	—	385	8406.00
9RS31015TFC	208-230/3/60	41.0	—	348	8133.00
9RS1150ATSC	208-230/3/60	56.5	—	379	7802.00
9RS1150ATFD	460/3/60	28.5	—	379	7802.00
9RT1150ATFD[3]	460/3/60	28.5	Capable	385	7926.00

[1]Electrical: start 216-259 x 330, run 60 x 440, relay 940000164(64) [2]Extra low temperature models [3]Service replacement—use existing unloader features

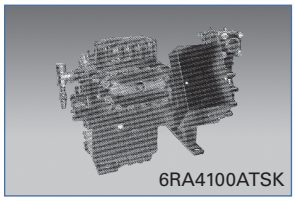
SEMI-HERMETIC COMPRESSOR


4RA3100ATSK

"4R" SERIES

- Large capacity 4 cylinder compressor: 10 to 30 HP
- Typical valve selection: 1 3/8" x 1 1/8": 10, 15 HP
  1 5/8" x 1 1/8": 20 HP
  2 1/8" x 1 1/8": 25 HP
  2 1/8" x 1 3/8": 30 HP
- Mounting dimensions: 15" L x 12" W
- Oil charge: Alkylbenzene
- Rated load amps shown 230 V for dual voltage compressors

		Application, Capacity					
Model	HP	R22	BTUH	R502	BTUH	R12	BTUH
4RA3100ATSK	10			L -25	43,400	H 45	105,500
				L -40	25,600	H 20	67,000
4RL1150ATSK	15			L-25	53,400		
4RL2150ATSK	15			L -40	34,800		
4RE2200ATSK	20	AC 45	200,030	M 20	118,000		
				M 0	79,200		
4RK2250AFSD	25	AC 45	248,520	M 20	141,000		
4RK2250ATSK	25			M 0	97,200		
4RR1300AFSD	30	AC 45	295,600				
4RR1300ATSK	30						
4RR2300ATSK	30						


6RA4100ATSK

"6R" SERIES

- Large capacity 6 cylinder compressor: 10 to 40 HP
- Typical valve selection:
  1 5/8" x 1 3/8": 10 HP
  2 1/8" x 1 3/8": 20, 30, 40 Hp
- Mounting dimensions: 15" L x 12" W
- Oil charge: Alkylbenzene
- Rated load amps shown 230 V for dual voltage compressors

		Application, Capacity					
Model	HP	R22	BTUH	R502	BTUH	R12	BTUH
6RA4100ATSK	10					M/L 20	102,000
						M/L 0	74,400
						L -20	35,800
						L -45	20,500
6RN22000TSK	20					M/H 45	164,000
						M/H 20	109,000
6RL1250ATSK	25			L -25	80,700		
				L -40	53,300		
6RN2300ATSK	30	AC 45	300,850	M 20	180,000		
				M 0	120,000		
6RT1300ATSK	30			L -25	90,900		
				L -40	57,800		
6RP2350AFSD	35	AC 45	380,000	M 20	222,000		
6RP2350ATSK				M 0	149,000		
6RS2400AFSD	40	AC	416,000	M 20	230,000		
6RS2400AFSU				M 0	155,000		
6RS2400ATSN							

COPELAND™

Part No.	Voltage	RLA (Amps)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4RA3100ATSK	208-230/460/3/60	54.8	24 5/8	18 9/16	18 5/32	400	**7359.00**
4RL1150ATSK	208-230/460/3/60	62.6	27 1/32	19 11/16	24 9/32	429	**9457.00**
4RL2150ATSK	208-230/460/3/60	62.6	27 1/32	19 11/16	24 9/32	429	**10177.00**
4RE2200ATSK[1]	208-230/460/3/60	71.4	24 5/8	18 9/16	18 5/32	420	**8355.00**
4RK2250AFSD	460/3/60	45.0	25 13/32	18 9/16	19 5/32	449	**12412.02**
4RK2250ATSK	208-230/460/3/60	88.5	25 13/32	18 9/16	19 5/32	449	**9899.00**
4RR1300AFSD[1]	460/3/60	59.0	27 5/32	19 13/16	18 5/32	495	**14257.00**
4RR1300ATSK[1]	208-230/460/3/60	102.0	27 5/32	19 13/16	18 5/32	495	**13283.00**
4RR2300ATSK[1]	208-230/460/3/60	102.0	27 5/32	19 13/16	21 11/16	495	**14732.00**

[2]1 Bank unloading. Use existing unloading components.

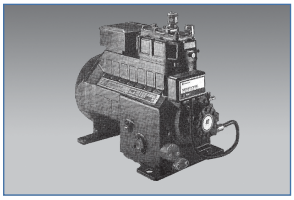
COPELAND™

Part No.	Voltage	RLA (Amps)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6RA4100ATSK	208-230/460/3/60	43.6	28 7/16	20 1/8	18 5/32	450	**11113.00**
6RN22000TSK*	208-230/460/3/60	65.4	29.41	22 5/8	18	456	**12195.00**
6RL1250ATSK	208-230/460/3/60	96.9	29 13/32	20 17/32	26	482	**12164.00**
6RN2300ATSK[1]	208-230/460/3/60	105.0	29 13/32	20 1/8	19 5/32	502	**13811.00**
6RT1300ATSK	208-230/460/3/60	111.0	29 13/32	26 13/32	27.69	525	**14789.00**
6RP2350AFSD[1]	460/3/60	67.5	30 5/32	20 1/2	19 5/32	529	**17250.00**
6RP2350ATSK[1]	208-230/460/3/60	135.0	30 5/32	20 1/2	19 5/32	529	**14583.00**
6RS2400AFSD	460/3/60	64.3	30 5/32	21 5/8	21 5/32	566	**20671.66**
6RS2400AFSU	200/3/60	170.0	30 5/32	21 5/8	21 5/32	566	**20671.66**
6RS2400ATSN	230/460/3/60	142.0	30 5/32	21 5/8	21 5/32	566	**16580.00**

[1]2 Bank unloading. Use existing unloading components.

*Mineral Oil

DISCUS COMPRESSOR



"2D" SERIES

- Smallest discus technology compressor
- 3 to 7 1/2 HP
- Typical dimensions: 23 1/4" L x 15 7/16" W x 18 1/8" H
- Mounting dimensions: 10 1/6" L x 10 1/2" W
- Typical valve selection: 1 3/8" x 7/8"
- Low temperature R22 applications require demand cooling
- Oil charge: MIN = Mineral
  POE = Polyolester

	Application, Capacity															
Model	R404A	BTUH	R507	BTUH	R407A	BTU	R407C	BTU	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
2DF3F16KECFB	L -25	16,300	L -25	16,789	LT -25	12,800	LT -25	11,950	L* -25	13,400	M/H 45	47,700	L -25	17,600	M/H 45	46,400
2DF3F16KETFC	L -40	9,570	L -40	9,857					L* -40	7,170	M/H 20	29,000	L -40	10,400	M/H 20	29,100
2DF3F16KETFD															M/H 0	19,000
2DL3F20KETFC	L -25	19,900	L -25	20,497	LT -25	15,350	LT -25	14,350	L* -25	16,100			L -25	19,600		
2DL3F20KETFD	L -40	11,900	L -40	12,257					L* -40	8,660			L -40	12,100		
2DA3R58KOTFC															M/H 45	58,100
2DA3R58KOTFD															M/H 20	36,700
															M/H 0	24,250
2DB3R61KOTFC															M 20	39,700
2DB3R61KOTFD															M 0	26,000
2DC3R53KETFC	M 20	34,600	M 20	35,638	HT 45	62,400	HT 45	63,200	AC/M 45	62,700			M 20	35,600		
2DC3R53KETFD	M 0	23,400	M 0	24,102	MT 20	33,500	MT 20	32,300	AC/M 20	34,900			M 0	24,000		
2DD3R63KETFC	M 20	41,900	M 20	43,157	HT 45	72,400	HT 45	73,400	AC/M 45	72,800			M 20	41,600		
2DD3R63KETFD	M 0	28,600	M 0	29,458	MT 20	32,800	MT 20	37,900	AC/M 20	41,000			M 0	28,600		
2DA3F23KETFC	L -25	23,100	L -25	23,793	LT -25	17,950	LT -25	16,750	L* -25	18,800	H 45	59,800	L -25	23,000	H	
2DA3F23KETFD	L -40	14,100	L -40	14,523					L* -40	10,170	H 20	36,300	L -40	14,600	H	
2DB3F25KETFC	L -25	24,600	L -25	25,338	LT -25	19,500	LT -25	18,200	L* -25	20,500	H 45	62,800	L -25	24,600	H	
2DB3F25KETFD	L -40	14,700	L -40	15,141					L* -40	11,500	H 20	38,100	L -40	15,800	H	
2DA3R89KETFC	M 20	60,100	M 20	61,903	HT 45	102,500	HT 45	103,500	AC/M 45	103,000			M 20	60,500		
2DA3R89KETFD	M 0	42,500	M 0	43,775	MT 20	5,700	MT 20	54,900	AC/M 20	59,400			M 0	42,600		
2DL3R78KETFC	M 20	51,800	M 20	53,354	HT 45	90700	HT 45	92200	AC/M 45	90,800			M 20	52,500		
2DL3R78KETFD	M 0	35,800	M 0	36,874	MT 20	50900	MT 20	48400	AC/M 20	52,400			M 0	37,000		

"3D" SERIES

- 3 cylinder compressor
- Comparable to 9R models
- Wide range: 5 to 15 Hp
- Typical dimensions: 25 13/16" L x 15 1/6" W x 21" H
- Delta reed valve design
- Mounting dimensions: 11 5/8" L x 11" W
- Oil charge: MIN = Mineral
  POE = Polyol Ester
- Low temperature R22 applications require demand cooling
- Typical valve selection:
  1 3/8" x 7/8" 5 HP
  1 3/8" x 1 1/8" 6, 7 1/2, 9, 10, 12 HP
  1 5/8" x 1 1/8" 15 HP

	Application, Capacity															
Model	R404A	BTUH	R507	BTUH	R407A	BTU	R407C	BTU	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
3DB3F22KOTFC															L -25	17,800
3DB3F22KOTFD															L -40	10,200
3DA3F28KETFC	L -25	27,800			LT -25	22,300	LT -25	20,100	L* -25	23,200	M/H 45	72,000	L -25	27,100	M/H	
3DA3F28KETFD	L -40	17,400	L -25	28,634					L* -40	12,980	M/H 20	45,000	L -40	16,500	M/H	
3DH3F28KETFC			L -40	17,922												
3DH3F28KETFD																
3DA3R10METFC	M 20	71,200			HT 45	122,500	HT 45	118,000	AC/M 45	123,900			M 20	72,900		
3DA3R10METFD	M 0	49,900			MT 20	68,800	MT 20	67,800	AC/M 20	72,800			M 0	50,600		
3DE3R10METFC			M 20	73,336												
3DE3R10METFD			M 0	51,397												
3DEHR10METFC					HT 45	122,500	HT 45	118,000								
3DEHR10METFD					MT 20	68,800	MT 20	67,800								
3DB3F33KETFC	L -25	33,100	L -25	34,093	LT -25	27,900	LT -25	25,200	L* -25	29,000	M/H 45	84,800	L -25	33,300	M/H 45	83,100
3DB3F33KETFD	L -40	20,600	L -40	21,218					L* -40	16,750	M/H 20	51,600	L -40	21,100	M/H 20	52,700

COPELAND™

Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Ship Wgt. (Lbs.)	Price
2DF3F16KECFB	2DF3030ECFB	3	230/1/60	25.8	POE	261	7271.00
2DF3F16KETFC	2DF3030ETFC	3	208-230/3/60	16.8	POE	261	5706.00
2DF3F16KETFD	2DF3030ETFD	3	460/3/60	8.1	POE	261	5706.00
2DL3F20KETFC	2DL3040ETFC	4	208-230/3/60	26.3	POE	261	5726.00
2DL3F20KETFD	2DL3040ETFD	4	460/3/60	10.2	POE	261	5726.00
2DA3R58KOTFC	2DA30500TFC	5	208-230/3/60	22.3	MIN	261	5088.00
2DA3R58KOTFD	2DA30500TFD	5	460/3/60	10.4	MIN	261	7364.00
2DB3R61KOTFC	2DB30500TFC	5	208-230/3/60	19.2	MIN	261	6137.00
2DB3R61KOTFD	2DB30500TFD	5	460/3/60	10.2	MIN	261	7155.24
2DC3R53KETFC	2DC3050ETFC	5	208-230/3/60	22.3	POE	261	5779.00
2DC3R53KETFD	2DC3050ETFD	5	460/3/60	10.4	POE	261	5779.00
2DD3R63KETFC	2DD3050ETFC	5	208-230/3/60	22.3	POE	261	5910.00
2DD3R63KETFD	2DD3050ETFD	5	460/3/60	10.5	POE	261	5910.00
2DA3F23KETFC	2DA3060ETFC	6	208-230/3/60	28.8	POE	261	5980.00
2DA3F23KETFD	2DA3060ETFD	6	460/3/60	10.2	POE	261	5980.00
2DB3F25KETFC	2DB3060ETFC	6	208-230/3/60	28.2	POE	261	6492.00
2DB3F25KETFD	2DB3060ETFD	6	460/3/60	13.3	POE	261	6492.00
2DA3R89KETFC	2DA3075ETFC	7 1/2	208-230/3/60	32.0	POE	281	6701.00
2DA3R89KETFD	2DA3075ETFD	7 1/2	460/3/60	14.1	POE	281	6701.00
2DL3R78KETFC	2DL3075ETFC	7 1/2	208-230/3/60	31.6	POE	281	6548.00
2DL3R78KETFD	2DL3075ETFD	7 1/2	460/3/60	13.8	POE	281	6548.00

[1]Electrical start 216-259 x 330, run 60 x 440, relay 940000164 (64)

- Typical valve selection:
  - 1 3/8" x 7/8" 5 HP
  - 1 3/8" x 1 1/8" 6, 7 1/2, 9, 10, 12 HP
  - 1 5/8" x 1 1/8" 15 HP

COPELAND™

Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Unloading[1]	Ship Wgt. (Lbs.)	Price
3DB3F22KOTFC	3DB3A0500TFC	5	208-230/3/60	18.0	MIN	—	350	7115.50
3DB3F22KOTFD	3DB3A0500TFD	5	460/3/60	10.1	MIN	—	350	7741.94
3DA3F28KETFC	3DA3A060ETFC	6	208-230/3/60	30.3	POE	—	360	6395.00
3DA3F28KETFD	3DA3A060ETFD	6	460/3/60	13.7	POE	—	360	6395.00
3DH3F28KETFC	3DH3A060ETFC	6	208-230/3/60	30.3	POE	Capable	406	12237.38
3DH3F28KETFD	3DH3A060ETFD	6	460/3/60	13.7	POE	Capable	360	12393.96
3DA3R10METFC	3DA3A075ETFC	7 1/2	208-230/3/60	41.0	POE	—	360	6572.00
3DA3R10METFD	3DA3A075ETFD	7 1/2	460/3/60	20.0	POE	—	360	7103.00
3DE3R10METFC	3DE3A075ETFC	7 1/2	208-230/3/60	41.0	POE	Capable	360	8010.00
3DE3R10METFD	3DE3A075ETFD	7 1/2	460/3/60	20.0	POE	Capable	360	8541.00
3DEHR10METFC	3DEHA075ETFC	7 1/2	208-230/3/60	41.0	POE	Capable	360	8010.00
3DEHR10METFD	3DEHA075ETFD	7 1/2	460/3/60	20.0	POE	Capable	360	8541.00
3DB3F33KETFC	3DB3A075ETFC	7 1/2	208-230/3/60	31.5	POE	—	360	6808.00
3DB3F33KETFD	3DB3A075ETFD	7 1/2	460/3/60	16.1	POE	—	360	6808.00

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DISCUS COMPRESSOR

"3D" SERIES (Cont'd)

Application, Capacity

Model	R404A	BTUH	R507	BTUH	R407A	BTU	R407C	BTU	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
3DF3F40KETFC	L -25	40,200			LT -25	33,100	LT -25	29,900	L*-25	34,400	M/H 45	99,400	L -25	39,600	M/H 45	98,200
3DF3F40KETFD	L-40	25,200							L*-40	19,530	M/H 20	60,900	L -40	25,500	M/H 20	62,900
3DGHF40KETFC			L -25	41,406												
3DGHF40KETFD			L -40	25,956												
3DG3F40KETFD																
3DB3R12METFC	M 20	84,800			HT 45	145,000	HT 45	14,000	AC/M 45	145,900			M 20	86,400		
3DB3R12METFD	M 0	60,100	M 20	87,344	MT 20	82,500	MT 20	81,100	AC/M 20	87,200			M 0	60,000		
3DP3R12METFC			M 0	61,903												
3DP3R12METFD																
3DS3F46KETFC	L -25	45700			LT -25	36,300	LT -25	32,600	L* -25	37,500	M/H 45	110,000	L -25	44,100	M/H 45	110,000
3DS3F46KETFD	L -40	28,700	L -25	47,071					L*-40	21,240	M/H 20	67,100	L -40	27,900	M/H 20	70,200
3DRHF46KETFC			L -40	29,561												
3DR3F46KETFD																
3DF3R15METFC	M 20	104,600	M 20	107,738	HT 45	169,500	HT 45	163,000	AC/M 45	158,200			M			
3DF3R15METFD	M 0	74,300	M 0	76,529	MT 20	95,900	MT 20	94,300	AC/M 20	101,000			M			
3DS3R17METFC	M 20	116,000			HT 45	192,000	HT 45	185,000	AC/M/ 45	194,000			M 20	116,000		
3DS3R17METFD	M 0	82,300	M 20	119,480	MT 20	113,000	MT 20	108,000	AC/M 20	116,000			M 0	81,500		
3DT3R17METFC			M 0	84,769					AC/M 0	77,500						
3DT3R17METFD																

"4D" SERIES

- 4 cylinder compressor
- Comparable to 4R models
- Range: 10 to 30 HP
- Delta reed valve design
- Mounting dimensions: 11 5/8" L x 11" W
- Oil charge: MIN = Mineral
  POE = Polyol Ester
- Low temperature R22 applications require demand cooling
- Typical valve selection:

1 5/8" x 1 1/8" 10 HP
1 5/8" x 1 3/8" 15, 20 HP
2 1/8" x 1 3/8" 25, 30 HP

Application, Capacity

Model	R404A	BTUH	R507	BTUH	R407A	BTU	R407C	BTU	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
4DA3R12METSK	L -25	47,200	L –25	48,616	LT -25	38,300	LT -25	34,100	L* –25	39,000			L –25	48,000	H 45	121,000
	L -40	28,200	L –40	29,046					L* –40	19,500			L –40	29,100	M 20	78,800
4DE3R12METSK					LT -25	38,300	LT -25	34,100							L –25	27,300
															L –40	16,000
4DA3F47KETSK					LT -25	38,300	LT -25	34,100	L*						H/L	
4DH3R16METSK											M/H 45	156,000			H 45	151,000
4DK3R16METSK											M/H 20	95,600			H 20	98,000
4DL3F63KETSK	L -25	63,200	L –25	65,096	LT -25	51,300	LT -25	45,700	L* –25	52,300			L –25	62,300		
4DP3F63KETSK	L -40	39,800	L –40	40,994					L* –40	29,100			L –40	41,500		
4DE3R18METSK	M 20	120,000	M 20	123,600	HT 45	214,000	HT 45	200,000	AC/M 45	216,000			M 20	122,000		
	M 0	83,200	M 0	85,696	MT 20	121,500	MT 20	115,000	AC/M 20	123,000			M 0	85,200		
4DJ3R19METSK											M/H 45	186,000			M/H 45	187,000
4DR3R19METSK											M/H 20	114,000			M 20	113,000
															L –25	41,800
															L –40	24,600
4DT3F76KETSK	L -25	59,400	L –25	61,182	LT -25	63,000	LT -25	54,700	L* –25	62,500			L –25	75,900		
4DS3F76KETSK	L -40	36,700	L –40	37,801					L* –40	35,900			L –40	50,800		
4DK3R22METSK	M 20	156,000	M 20	160,680	HT 45	273,000	HT 45	253,000	AC/M 45	273,000			M 20	159,000		
	M 0	109,000	M 0	112,270	MT 20	156,000	MT 20	147,500	AC/M 20	158,000			M 0	109,000		
									AC/M 0	101,700						
4DR3R28METSK	M 20	187,000	M 20	192,610	HT 45	322,000	HT 45	299,000	AC/M 45	317,900			M 20	186,000		
	M 0	131000	M 0	134,930	MT 20	185,500	MT 20	175,000	AC/M 20	187,000			M 0	131,000		

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Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Unloading[1]	Ship Wgt. (Lbs.)	Price
3DF3F40KETFC	3DF3A090ETFC	9	208-230/3/60	39.0	POE	—	360	7957.00
3DF3F40KETFD	3DF3A090ETFD	9	460/3/60	16.9	POE	—	360	7957.00
3DGHF40KETFC	3DGHA090ETFC	9	208-230/3/60	37.0	POE	Capable	360	12380.00
3DGHF40KETFD	3DGHA090ETFD	9	460/3/60	16.7	POE	Capable	360	12672.42
3DG3F40KETFD	3DG3A090ETFD	9	460/3/60	15.6	POE	Capable	360	12672.42
3DB3R12METFC	3DB3A100ETFC	10	208-230/3/60	43.6	POE	—	375	7396.00
3DB3R12METFD	3DB3A100ETFD	10	460/3/60	20.0	POE	—	375	8014.00
3DP3R12METFC	3DP3A100ETFC	10	208-230/3/60	43.6	POE	Capable	360	8668.00
3DP3R12METFD	3DP3A100ETFD	10	460/3/60	20.0	POE	Capable	360	9287.00
3DS3F46KETFC	3DS3A100ETFC	10	208-230/3/60	42.0	POE	—	360	8725.00
3DS3F46KETFD	3DS3A100ETFD	10	460/3/60	18.6	POE	—	360	8725.00
3DRHF46KETFC	3DRHA100ETFC	10	208-230/3/60	41.4	POE	Capable	412	10005.00
3DR3F46KETFD	3DR3A100ETFD	10	460/3/60	18.6	POE	Capable	412	12690.00
3DF3R15METFC	3DF3A120ETFC	12	208-230/3/60	48.2	POE	—	375	8860.00
3DF3R15METFD	3DF3A120ETFD	12	460/3/60	23.6	POE	—	375	8860.00
3DS3R17METFC	3DS3A150ETFC	15	208-230/3/60	59.6	POE	—	375	8941.00
3DS3R17METFD	3DS3A150ETFD	15	460/3/60	29.0	POE	—	375	8941.00
3DT3R17METFC	3DT3A150ETFC	15	208-230/3/60	59.6	POE	Capable	375	10214.00
3DT3R17METFD	3DT3A150ETFD	15	460/3/60	29.0	POE	Capable	375	10214.00

[1]Service replacement compressor. Use existing unloading components

- Rated load amps shown 230 V for dual voltage compressors

Unloading equivalent models:

All indicated models are functionally equivalent except for their unloading capability

Models indicated one bank can replace non unloading models

4DA3R12M[4DA3A100] = 4DN3(1 bank)

4DH3R16M(4DH3A150] = 4DK3(1 bank)

4DL3F63K[4DL3A150] = 4DP3(1 bank)

4DA3R18M[4DA3A200] = 4DE3(1 bank)

4DJ3R19M[4DJ3A200] = 4DR3(1 bank)

4DB3R20M[4DB3A220] = 4DC3(1 bank)

4DT3F76K[4DT3A220] = 4DS3(1 bank)

4DH3R22M[4DH3A250] = 4DK3(1 bank)

4DJ3R28M[4DJ3A300] = 4DR3(1 bank)

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Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Unloading[1]	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4DA3R12METSK	4DA3A100ETSK	10	208-230/460/3/60	42.0	POE	—	25 13/32	20 13/16	18 27/32	420	10297.38
4DE3R12METSK	4DE3A100ETSK	10	208-230/460/3/60	42.0	POE	1 Bank	25 13/32	20 13/16	18 27/32	400	11016.00
4DA3F47KETSK	4DA3A101ETSK	10	208-230/460/3/60	45.6	POE	—	25 13/32	20 13/16	18 27/32	450	10297.38
4DH3R16METSK	4DH3A150ETSK	15	208-230/460/3/60	58.0	POE	—	27 1/32	20 13/16	19	422	11014.70
4DK3R16METSK	4DK3A150ETSK	15	208-230/460/3/60	58.0	POE	1 Bank	27 1/32	20 13/16	19	422	11656.00
4DL3F63KETSK	4DL3A150ETSK	15	208-230/460/3/60	52.6	POE	—	27 1/32	20 13/16	24 1/5	422	12290.82
4DP3F63KETSK	4DP3A150ETSK	15	208-230/460/3/60	52.6	POE	1 Bank	27 1/32	20 13/16	24 1/5	422	12924.00
4DE3R18METSK	4DE3A200ETSK	20	208-230/460/3/60	66.0	POE	1 Bank	25 13/32	20 13/16	19 5/16	425	10157.00
4DJ3R19METSK	4DJ3A200ETSK	20	208-230/460/3/60	66.0	POE	—	25 13/32	20 13/16	19 5/16	425	13673.86
4DR3R19METSK	4DR3A200ETSK	20	208-230/460/3/60	66.0	POE	1 Bank	25 13/32	20 13/16	19 3/16	425	13674.00
4DT3F76KETSK	4DT3A220ETSK	22	208-230/460/3/60	66.0	POE	—	27 5/16	20 1/2	24 1/5	436	14340.74
4DS3F76KETSK	4DS3A220ETSK	22	208-230/460/3/60	66.0	POE	1 Bank	27 5/16	20 1/2	24 1/5	425	15031.00
4DK3R22METSK	4DK3A250ETSK	25	208-230/460/3/60	82.2	POE	1 Bank	26 9/32	20 1/2	20	445	13423.00
4DR3R28METSK	4DR3A300ETSK	30	208-230/460/3/60	94.0	POE	1 Bank	27 1/32	20 1/2	19 3/16	450	14349.00

[1]Service replacement compressor. Use existing unloading components

DIGITAL DISCUS SERVICE COMPRESSOR

It is possible to use a standard Discus service compressor to replace a Digital Discus, BUT should only be done under extreme circumstances
If you elect to do this, you will have 2 options

1 - Re-use the head and valve plate from the failed Digital Discus on the replacement compressor. You will also need a new head gasket and the proper select fit valve plate gasket

2 - You can use an ISD Digital Discus retrofit kit which includes a new head, valve plate and gaskets which you will have to install on the replacement compressor

	Application, Capacity											
Model	**R404A**	**BTUH**	**R507**	**BTUH**	**R22**	**BTUH**	**R134a**	**BTUH**	**R407C**	**BTUH**	**R407A/F**	**BTUH**
3DADF28KETFC	L -25	27800	L -25	28600			H 45	72000	L -25	20100	L -25	22300
3DADF28KETFD	L -25	27800	L -25	28600			H 45	72000	L -25	20100	L -25	22300
3DADR10METFC	M 20	71000	M 20	73500	AC/H 45	123900			M 20	67800	M 20	69800
3DADR10METFD	M 20	71000	M 20	73500	AC/H 45	123900			M 20	67800	M 20	69800
3DBDF33KETFC	L -25	33100	L -25	34000			H 45	85000	L -25	25200	L -25	27900
3DBDF33KETFD	L -25	33100	L -25	34000			H 45	85000	L -25	25200	L -25	27900
3DBDR12METFC	M 20	85000	M 20	87500	AC/H 45	146000			M 20	81100	M 20	83500
3DBDR12METFD	M 20	85000	M 20	87500	AC/H 45	146000			M 20	81100	M 20	83500
3DFDF40KETFC	L -25	40200	L -25	41400			H 45	99500	L -25	29900	L -25	33100
3DFDF40KETFD	L -25	40200	L -25	41400			H 45	99500	L -25	29900	L -25	33100
3DFDR15METFC	M 20	105000	M 20	108000	M 20	101000			M 20	94300	M 20	97000
3DFDR15METFD	M 20	105000	M 20	108000	M 20	101000			M 20	94300	M 20	97000
3DFDS11METFC	M 20	105000	M 20	108000	M 20	101000			M 20	94300	M 20	97000
3DFDS11METFD	M 20	105000	M 20	108000	M 20	101000			M 20	94300	M 20	97000
3DSDF46KETFC	L -25	46000	L -25	47300			H 45	110000	L -25	32600	L -25	36100
3DSDF46KETFD	L -25	46000	L -25	47300			H 45	110000	L -25	32600	L -25	36100
3DSDR17METFC	M 20	116000	M 20	119000	AC/H 45	194000			M 20	108000	M 20	111000
3DSDR17METFD	M 20	116000	M 20	119000	AC/H 45	194000			M20	108000	M 20	111000
3DSDS12METFC	M 20	116000	M 20	119000	M 20	116000			M 20	108000	M 20	111000
3DSDS12METFD	M 20	116000	M 20	119000	M 20	116000			M 20	108000	M 20	111000

DIGITAL DISCUS UPGRADE

DIGITAL DISCUS IS AN ENHANCED METHOD OF CAPACITY CONTROL FOR DISCUS REFRIGERATION COMPRESSORS USING R404A, R407A, R407C OR R22 WITH THE KITS BELOW, YOU CAN UPGRADE A STANDARD DISCUS COMPRESSOR TO DIGITAL

UPGRADING A 3D DISCUS COMPRESSOR WILL ALLOW CAPACITY MODULATION FROM 10% TO 100%
UPGRADING A 4D DISCUS COMPRESSOR WILL ALLOW CAPACITY MODULATION FROM 50% TO 100%
UPGRADING A 6D DISCUS COMPRESSOR WILL ALLOW CAPACITY MODULATION FROM EITHER 33% OR 67% TO 100%

A 6D COMPRESSOR CAN ONLY BE UPGRADED TO DIGITAL IF IT IS AN ISD (Intelligent Store Discus) COMPRESSOR TO UPGRADE A DISCUS COMPRESSOR TO DIGITAL CAPACITY CONTROL,
YOU ONLY NEED TO KNOW TWO THINGS TO SELECT THE PROPER KIT.
1 - IS THE COMPRESSOR THAT IS BEING UPGRADED AN INTELLIGENT STORE DESIGN (ISD) DISCUS ?
2 - WHAT IS THE APPLICATION ? M/T or L/T
COPELAND RECOMMENDS USING THE PROPER SELECT FIT VP GASKET TO ENSURE OPTIMAL PERFOMANCE

STANDARD DISCUS COMPRESSORS (NON - I S D)
Note : Digital Discus Controller IS included in NON -I S D Upgrade Kits

3D

		M/T	L/T
Digital Upgrade Kit		980300000	980300001
Includes: Digital Head, Valve Plate, Gaskets, Digital Compressor Controller, Sensors, 24v Transformer and High Cycle Solenoid Coils (120v 240v) - L/T Kit Includes Tall Fan Bracket			
Select Fit Gasket (Re-Man / 800 B/M)	3DB 3DP 3DJ	920123301	920123301
Select Fit Gasket (Re-Man / 800 B/M)	3DF 3DK 3DG	920123303	920123303
Select Fit Gasket (Re-Man / 800 B/M)	3DA 3DE 3DH	920123305	920123305
Select Fit Gasket (Re-Man / 800 B/M)	3DS 3DT 3DR	920123307	920123307
Select Fit Gasket (OEM / 200 B/M))	3DB 3DP 3DJ	920136700	920136700
Select Fit Gasket (OEM / 200 B/M))	3DF 3DK 3DG	920136701	920136701
Select Fit Gasket (OEM / 200 B/M))	3DA 3DE 3DH	920136702	920136702
Select Fit Gasket (OEM / 200 B/M))	3DS 3DT 3DR	920136703	920136703

4D

		M/T	L/T
Digital Upgrade Kit		980600000	980600001
Includes: Digital Head, Valve Plate, Gaskets, Digital Compressor Controller, Sensors, 24v Transformer and 24v Transformer and High Cycle Solenoid Coils (120v 240v) - L/T Includes Head Stud and Fan Bracket			
Select Fit Gasket (Re-Man / 800 B/M)	4DB 4DC 4DH 4DK 4DL 4DP	020137800	020137800
Select Fit Gasket (Re-Man / 800 B/M)	4DJ 4DR 4DT 4DS	020137802	020137802
Select Fit Gasket (Re-Man / 800 B/M)	4DA 4DE 4DN	020137804	020137804
Select Fit Gasket (OEM / 200 B/M))	4DB 4DC 4DH 4DK 4DL 4DP	020137800	020137800
Select Fit Gasket (OEM / 200 B/M))	4DJ 4DR 4DT 4DS	020137802	020137802
Select Fit Gasket (OEM / 200 B/M))	4DA 4DE 4DN	020137804	020137804

6D Digital only available on ISD

ISD Digital Discus Retrofit Kits - M/T 980300010 L/T 980300011
United will not accept the valve plate or head from the replacemnet compressor for exchange or credit.
Capacities listed are fully loaded. 3D Digital compressors can be unloaded from 100% down to 10% of the capacities listed
Oil Charge: POE

Contact your local branch for more information on 4D and 6D Digital Series

COPELAND™

Part No.	HP	Voltage	RLA (Amps)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
3DADF28KETFC	6	208-230/3/60	30.3	25 13/16	15 1/6	21	350	**8404.00**
3DADF28KETFD	6	460/3/60	13.7	25 13/16	15 1/6	21	350	**8404.00**
3DADR10METFC	7 1/2	208-230/3/60	14.0	25 13/16	15 1/6	21	360	**8581.00**
3DADR10METFD	7 1/2	460/3/60	20.0	25 13/16	15 1/6	21	360	**9113.00**
3DBDF33KETFC	7 1/2	208-230/3/60	31.5	25 13/16	15 1/6	21	360	**8818.00**
3DBDF33KETFD	7 1/2	460/3/60	16.1	25 13/16	15 1/6	21	360	**8818.00**
3DBDR12METFC	10	208-230/3/60	43.6	25 13/16	15 1/6	21	375	**9406.00**
3DBDR12METFD	10	460/3/60	20.0	25 13/16	15 1/6	21	375	**10023.00**
3DFDF40KETFC	9	208-230/3/60	39.0	25 13/16	15 1/6	21	360	**9966.00**
3DFDF40KETFD	9	460/3/60	16.9	25 13/16	15 1/6	21	360	**9966.00**
3DFDR15METFC	12	208-230/3/60	48.2	25 13/16	15 1/6	21	375	**10869.00**
3DFDR15METFD	12	460/3/60	23.6	25 13/16	15 1/6	21	375	**10869.00**
3DFDS11METFC	10	208-230/3/60	38.6	28	15	18	375	**10869.00**
3DFDS11METFD	10	460/3/60	18.6	28	15	21	375	**10869.00**
3DSDF46KETFC	10	208-230/3/60	42.0	25 13/16	15 1/6	21	360	**10735.00**
3DSDF46KETFD	10	460/3/60	18.6	25 13/16	15 1/6	21	360	**10735.00**
3DSDR17METFC	15	208-230/3/60	59.6	25 13/16	15 1/6	21	412	**10951.00**
3DSDR17METFD	15	460/3/60	29.0	25 13/16	15 1/6	21	412	**10951.00**
3DSDS12METFC	10	208-230/3/60	41.9	28	15	18	412	**10951.00**
3DSDS12METFD	10	460/3/60	21.3	28	15	21	412	**10951.00**

INTELLIGENT STORE DESIGN DISCUS (I S D)

Note : Digital Discus Controller NOT included in I S D Upgrade Kits

3D

		M/T	L/T
Digital Upgrade Kit	**Does NOT include Controller**	980300010	980300011
Includes: Digital Head, Valve Plate, Gaskets and High Cycle Solenoid Coil (24v) L/T Kit Includes Tall Fan Bracket			
Select Fit Gasket (Re-Man / 800 B/M)	3DB 3DP 3DJ	920123301	920123301
Select Fit Gasket (Re-Man / 800 B/M)	3DF 3DK 3DG	920123303	920123303
Select Fit Gasket (Re-Man / 800 B/M)	3DA 3DE 3DH	920123305	920123305
Select Fit Gasket (Re-Man / 800 B/M)	3DS 3DT 3DR	920123307	920123307
Select Fit Gasket (OEM / 200 B/M))	3DB 3DP 3DJ	920136700	920136700
Select Fit Gasket (OEM / 200 B/M))	3DF 3DK 3DG	920136701	920136701
Select Fit Gasket (OEM / 200 B/M))	3DA 3DE 3DH	920136702	920136702
Select Fit Gasket (OEM / 200 B/M))	3DS 3DT 3DR	920136703	920136703

4D

		M/T	L/T
Digital Upgrade Kit	**Does NOT include Controller**	980600010	980600011
Includes: Digital Head, Valve Plate, Gaskets and High Cycle Solenoid Coil (24v) AND HEAD STUD L/T Includes Fan Bracket			
Select Fit Gasket (Re-Man / 800 B/M)	4DB 4DC 4DH 4DK 4DL 4DP	020137800	020137800
Select Fit Gasket (Re-Man / 800 B/M)	4DJ 4DR 4DT 4DS	020137802	020137802
Select Fit Gasket (Re-Man / 800 B/M)	4DA 4DE 4DN	020137804	020137804
Select Fit Gasket (OEM / 200 B/M))	4DB 4DC 4DH 4DK 4DL 4DP	020137800	020137800
Select Fit Gasket (OEM / 200 B/M))	4DJ 4DR 4DT 4DS	020137802	020137802
Select Fit Gasket (OEM / 200 B/M))	4DA 4DE 4DN	020137804	020137804

6D

		M/T	L/T
Digital Upgrade Kit	**Does NOT include Controller**	980600010	980600011
Includes: Digital Head, Valve Plate, Gaskets and High Cycle Solenoid Coil (24v) AND HEAD STUD L/T Includes Fan Bracket			
Select Fit Gasket (Re-Man / 800 B/M)	6DB/W/Y 6DH/K/P 6DL/C/D	020137800	020137800
Select Fit Gasket (Re-Man / 800 B/M)	6DJ/R/S 6DT/E/F	020137802	020137802
Select Fit Gasket (Re-Man / 800 B/M)	6DG/M.N	020137806	020137806
Select Fit Gasket (OEM / 200 B/M))	6DB/W/Y 6DH/K/P 6DL/C/D	020137800	020137800
Select Fit Gasket (OEM / 200 B/M))	6DJ/R/S 6DT/E/F	020137802	020137802
Select Fit Gasket (OEM / 200 B/M))	6DG/M.N	020137804	020137804

SERVICE PARTS

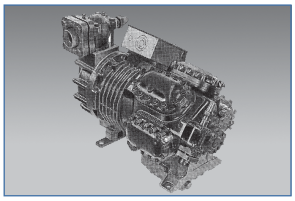
	M/T	L/T
3D Digital Compressor Controller	943008600	943008600
4D/6D Digital Compressor Controller	943008800	943008800
3D Digital Discus Valve Plate Kit	998666130	998666131
4D/6D Digital Discus Valve Plate Kit	998266166	998266165

DISCUS COMPRESSOR

"6D" SERIES

- 6 cylinder compressor
- Comparable to 6R models
- Range: 20 to 40 HP
- Delta reed valve design
- Mounting dimensions: 11 5/8" L x 11" W
- Low temperature R22 applications require demand cooling
- Oil charge: MIN = Mineral
  POE = Polyolester
- Typical valve selection:
  2 1/8" x 1 3/8" 20, 27 HP
  2 1/8" x 1 5/8" 30, 40 HP
- Rated load amps shown 230 V for dual voltage compressors

	Application, Capacity											
Model	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
6DH3R23METSK							M/H 45	234,000			M/H 45	236,000
6DK3R23METSK							M/H 20	143000			M/H 20	153,000
6DP3R23METSK												
6DL3F93KETSK	L -25	93,100	L -25	L*-25	L *-25	78,300			L -25	94,400		
6DC3F93KETSK	L -40	57,200	L -40	58,916	L*-40	43,400			L -40	58,700		
6DD3F93KETSK	L -25	105000	L -25	108150	L*-25	93400			L -25	107000		
6DT3F11METSK	L -40	64900	L -40	66847	L*-40	53900			L -40	67300		
6DE3F11METSK	L -40	64,900	L -40	66,847	L*-40	53,900			L -40	67,300		
6DF3F11METSK												
6DR3R28METSK							M/H 45	280,000				
6DS3R28METSK							M/H 20	171,000				
6DP3R35MOFSD					AC/M 45	387,200			M 20	230,000		
					AC/M 20	230,000			M 0	165,000		
					AC/M 0	156,000						
6DP3R35METSK	M 20	236,000	M 20	243,080					M			
	M 0	166,000	M 0	170,980								
6DS3R40MEFSU					AC/M 45	466,700			M 20	279,000		
					AC/M 20	281,000			M 0	196,000		
					AC/M 0	189,000						
6DS3R40METSN	M 20	278,000	M 20	286,340								
	M 0	198,000	M 0	203,940								



"8D" SERIES

- Large capacity compressor: 50 to 60 HP
- Typical dimensions:
  32 13/16" L x 21 13/32" W x 23" H
- Mounting dimensions: 18" L x 12" W
- All models have 2 bank unloading
- Oil charge: mineral
- Typical valve selection:
  2 5/8" x 1 5/8" 50 HP
  3 1/8" x 1 5/8" 60 HP
- Rated load amps shown 230 V for dual voltage compressors

	Application, Capacity											
Model	R404A	BTUH	R507	BTUH	R22	BTUH	R134a	BTUH	R502	BTUH	R12	BTUH
8DP1R56M0FSD					AC 45	565,700			M 20	333,000		
8DP1R56M0TSK									M 0	237,000		
8DS1R67M0FSD					AC 45	644,200			M 20	376,000		
8DS1R67M0TSK									M 0	270,000		

Unloading equivalent models:
All models on a single line are functionally equivalent except for their unloading capability
Models in the two bank column can replace 1 bank or non unloading models
Models in the one bank column can replace non unloading models OR 2 bank models (requires cylinder head switch)
6DH3R23M[6DH3A200] = 6DK3AR23M(1 bank) = 6DP3R23M(2 bank)
6DL3F93K[6DL3A270] = 6DC3(1 bank) = 6DD3(2 bank)
6DT3F11M[6DT3A300] = 6DE3(1 bank) = 6DF3(2 bank)
6DJ3R28M[6DJ3A300] = 6DR3R28M(1 bank) = 6DS3R28M(2 bank)
6DB3R32M[6DB3A300] = 6DW3(1 bank) = 6DY3(2 bank)
6DH3R35M[6DH3A350] = 6DK3R35M(1 bank) = 6DP3R35M(2 bank)
6DG3R37M[6DG3A350] = 6DM3(1 bank) = 6DN3(2 bank)
6DJ3R40M[6DJ3A400] = 6DR3R40M(1 bank) = 6DS3R40M(2 bank)

COPELAND™

Part No.	Old Number	HP	Voltage	RLA (Amps)	Oil Charge	Unloading[1]	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6DH3R23METSK	**6DH3A200ETSK**	20	208-230/460/3/60	75.0	POE	—	29 7/16	22 7/16	19 5/32	550	**17268.02**
6DK3R23METSK	**6DK3A200ETSK**	20	208-230/460/3/60	75.0	POE	1 Bank	29 7/16	22 7/16	19 5/32	550	**17268.02**
6DP3R23METSK	**6DP3A200ETSK**	20	208-230/460/3/60	75.0	POE	2 Bank	29 7/16	22 7/16	19 5/32	550	**14153.00**
6DL3F93KETSK	**6DL3A270ETSK**	27	208-230/460/3/60	80.8	POE	—	29 7/16	22 7/16	27 3/16	550	**16143.98**
6DC3F93KETSK	**6DC3A270ETSK**	27	208-230/460/3/60	80.8	POE	1 Bank	29 7/16	22 7/16	27 3/16	550	**16776.58**
6DD3F93KETSK	**6DD3A270ETSK**	27	208-230/460/3/60	80.8	POE	2 Bank	29 7/16	22 7/16	27 3/16	550	**17409.00**
6DT3F11METSK	**6DT3A3000TSK**	30	208-230/460/3/60	95.6	POE	—	29 7/16	22 7/16	29 3/16	545	**17307.10**
6DE3F11METSK	**6DE3A300ETSK**	30	208-230/460/3/60	95.6	POE	1 Bank	29 7/16	22 7/16	29 3/16	545	**17939.54**
6DF3F11METSK	**6DF3A300ETSK**	30	208-230/460/3/60	95.6	POE	2 Bank	29 7/16	22 7/16	29 3/16	545	**18572.00**
6DR3R28METSK	**6DR3A300ETSK**	30	208-230/460/3/60	100.0	POE	1 Bank	31 1/16	22 7/16	21 3/32	550	**19572.12**
6DS3R28METSK	**6DS3A300ETSK**	30	208-230/460/3/60	100.0	POE	2 Bank	31 1/16	22 7/16	21 3/32	550	**18910.32**
6DP3R35MEFSD	**6DP3A350EFSD**	35	460/3/60	62.6	POE	2 Bank	30 3/16	22 7/16	22 7/16	560	**16977.00**
6DP3R35METSK	**6DP3A350ETSK**	35	208-230/460/3/60	107.0	POE	2 Bank	30 3/16	22 7/16	22 7/16	520	**16887.00**
6DS3R40MEFSU	**—**	40	200/3/60	150.0	POE	2 Bank	30 3/16	22 7/16	23 1/2	595	**18470.00**
6DS3R40METSN	**6DS3A400ETSN**	40	230/460/3/60	142.0	POE	2 Bank	30 3/16	22 7/16	22 7/16	568	**19237.00**

[1]Service replacement compressor. Use existing unloading components.

COPELAND™

Part No.	Old Number	HP	Voltage	RLA (Amps)	Ship Wgt. (Lbs.)	Price
8DP1R56M0FSD	**8DP15000FSD**	50	460/3/60	91.0	800	**25996.00**
8DP1R56M0TSK	**8DP15000TSK**	50	208-230/460/3/60	180.0	800	**25732.00**
8DS1R67M0FSD	**8DS16000FSD**	60	460/3/60	96.5	800	**32019.00**
8DS1R67M0TSK	**8DS16000TSK**	60	208-230/460/3/60	224.0	800	**31756.00**

HERMETIC RECIPROCATING COMPRESSOR

Notes For Tecumseh Compressors

Starting Torque – 4th character
1, 3, 5, 6, 0, A – Normal: suitable for capillary tube and other self equalizing systems
2, 4, 7, 9 – High torque: for either expansion valve or capillary tube systems

Compressors designed for –
R12, R22: supplied with AB oil
R404A, R134A: supplied with POE oil

RL inidicates rotolock spud

Capacity Key
5th digit = number digits in capacity
6th, 7th digit = significant capacity digits
(i.e., AEA4492AXA = High torque, 9,200 BTU

COMMERCIAL, R12

- For applications +10°F to +40°F SST
- Necessary start components supplied.
- Rotolock (RL) suction spud supplied with valve.
- Quad mounting dimensions: 8.0" x 4.8"
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AKA9434AXA	3550	1/2	115/1/60	7.75	8.8	3/4 RL	1/4 S	41	888.10
AKA9441AXA	4100	1/2	115/1/60	9.2	10 1/2	3/4 RL - 1/2 F	1/4 S	45	919.55

COMMERCIAL, R22

- For applications +10°F to +40°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AKA9428EXA	2800	1/3	115/1/60	7.3	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	907.73
AKA9428EXD	2800	1/3	208-230/1/60	3.9	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	905.63
AKA9428EXD	2800	1/3	208-230/1/60	3.9	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	905.63
AE4430EDS1A	3200	1/5	115/1/60	4.78	6.5 x 4.0	7 2/3	5/16 S	1/4 S	24	535.48
AE4440EDS1A SWT	4000	1/3	115/1/60	5.71	6.5 x 4.0	8 1/4	5/16 S	1/4 S	28	544.46
AKA9442EXA	4200	1/2	115/1/60	8.8	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	907.73
AKA9442EXD	4200	1/2	208-230/1/60	4.0	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	913.18
AKA9455EXD	5500	3/4	208-230/1/60	4.9	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	987.58
AKA9462EXD	6200	1	208-230/1/60	5.3	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	1017.45
AJA9484EXD	8400	1	208-230/1/60	6.9	8.0 x 4.8	12	1/2 S	5/16 S	50	1223.98

COMMERCIAL, R404A R407A R448A R452A R507

- For applications 0 to +45°F SST. Over 30°F may require special motor protector
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +20°F evaporator / 120°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
AE4430ZAA1A SWT	1490	1/5	115/1/60	4.5	6.5 x 4.0	9	5/16 S	1/4 S	26	500.57
AE4440ZAA1A SWT	2200	1/3	115/1/60	6.7	6.5 x 4.0	9	5/16 S	1/4 S	26	509.87
AE4450ZAA1A SWT	2740	1/3	115/1/60	8.15	7.0 x 4.5	8 1/2	3/8 S	1/4 S	32	546.67
AKA9427ZXA	2700	1/3	115/1/60	7.8	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	836.35
AKA9438ZXA	3750	3/4	115/1/60	9.2	plate	10 1/2	3/4 RL - 1/2 F	1/4 S	41	904.80
AKA9438ZXD	3750	3/4	208-230/1/60	4.3	plate	10 1/2	3/4 RL - 1/2 F	1/4 S	41	922.94
AKA9455ZXA	5450	3/4	115/1/60	10.1	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	919.86
AKA9455ZXD	5450	3/4	208-230/1/60	5.7	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	900.33
AKA9462ZXA	6250	3/4+	115/1/60	11.9	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	918.07
AKA9462ZXD	6250	3/4+	208-230/1/60	6.8	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	45	964.75
AWA9512ZXN	11600	1 1/2	208-230/1/60	8.9	7.5 x 7.5	13.14	5/8 S	3/8 S	75	1479.50
AVA9522ZXN	22000	2 3/4	208-230/1/60	17	7.5 x 7.5	14	7/8 S	1/2 S	65	1689.94

HIGH, R12

- For applications +20°F to +45°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +45°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AE3425AAA1A SWT	2600	1/5	115/1/60	4.4	6.5 x 4.0	8 15/32	5/16 S	1/4 S	26	460.99
AE4430AAA1A SWT	3100	1/4	115/1/60	5	6.5 x 4.0	9	5/16 S	1/4 S	26	375.07
AE4430AAA1A VLV	3100	1/4	115/1/60	5	6.5 x 4.0	9	RL- 3/8 F	1/4 S	26	402.60
AE4440AAA1A SWT	4100	1/3	115/1/60	6.8	6.5 x 4.0	9	RL - 3/8 F	1/4 S	26	358.09
AE4440AAA1A VLV	4100	1/3	115/1/60	6.8	6.5 x 4.0	9	RL - 3/8 F	1/4 S	26	382.35
AJA4461AXA	6100	1/2	115/1/60	9.1	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	49	945.92
AJA4461AXD	6100	1/2	208-230/1/60	4.5	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	49	1046.24
AJA4492AXA	9150	3/4	115/1/60	13.7	8.0 x 4.8	11 21/32	1 RL - 5/8 F	5/16 S	50	1047.65
AJA4492AXD	9150	3/4	208-230/1/60	7	8.0 x 4.8	11 21/32	1 RL - 5/8 F	5/16 S	50	1095.20
AJA4512AXD	12300	1	208-230/1/60	7	8.0 x 4.8	11 21/32	1 RL - 5/8 F	5/16 S	50	1289.45
AHA4518AXD	18000	1 1/2	208-230/1/60	10	7.5 x 7.5	14 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1713.80
AHA4518AXF	18000	1 1/2	208-230/3/60	6.2	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1853.26
AHA4518AXG	18000	1 1/2	460/3/60	3.6	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1927.31
AHA4525AXD	25500	2	208-230/1/60	15	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1732.79
AHA4525AXF	25500	2	208-230/3/60	9.2	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1877.72
AHA4525AXG	25500	2	460/3/60	4.5	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	2016.31
AGA4534AXN	33700	3	208-230/1/60	17	7.5 x 7.5	16 1/2	1 1/4 RL - 1 1/8 S	1/2 S	110	2334.61
AGA4534AXT	33700	3	208-230/3/60	10.4	7.5 x 7.5	16 1/2	1 1/4 RL - 1 1/8 S	1/2 S	110	1956.39
AGA4543AXN	43000	4	208-230/1/60	22.5	7.5 x 7.5	16 1/2	1 1/4 RL - 1 1/8 S	1/2 S	110	2448.18
AGA4543AXT	43000	4	208-230/3/60	13.8	7.5 x 7.5	16 1/2	1 1/4 RL - 1 1/8 S	1/2 S	110	2137.26

HIGH R134a R513A

- For applications +20°F to +45°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +45°F evaporator, 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
THA0370YXA	1220	1/6	115/1/60	1.91	6.5 x 4.0	N/A	1/4 S	3/16 S	20	323.29
THA0410YXA	1810	1/5	115/1/60	2.9	6.5 x 4.0	N/A	1/4 S	3/16 S	20	333.92
AE3425YAA1A SWT	2800	1/5	115/1/60	3.65	6.5 x 4.0	8.8	5/16 S	1/4 S	26	434.74
AE3430YAA1A SWT	3400	1/4	115/1/60	4.86	6.5 x 4.0	8.8	5/16 S	1/4 S	28	435.20
AE3440YAA1A SWT	4350	1/3	115/1/60	6.0	6.5 x 4.0	8.8	5/16 S	1/4 S	26	505.11
AE4430YAA1A SWT	3400	1/4	115/1/60	5.3	6.5 x 4.0	8.8	5/16 S	1/4 S	26	428.42
AE4440YAA1A SWT	4350	1/3	115/1/60	5.82	6.5 x 4.0	8.8	5/16 S	1/4 S	26	356.68
AE4440YAA1A VLV	4350	1/3	115/1/60	5.82	6.5 x 4.0	8.8	Valve	1/4 S	26	380.97
AE4440YXN1A SWT	4350	1/3	115/1/60	2.99	6.5 x 4.0	8.8	5/16 S	1/4 S	28	595.42
AE4450YAA1A SWT	5450	1/3	115/1/60	7.75	6.5 x 4.0	9	5/16 S	1/4 S	28	389.60
AE4460YAA3C SWT	5460	1/2	115/1/60	7.33	6.5 x 4.0	8 1/2	5/16S	1/4 S	41	743.85
AE4456YAA1C	5950	1/2	115/1/60	8.53	6.5 x 4.0	8 1/2	5/16 S	1/4 S	38	573.68
AKA4460YXA	6300	1/2	115/1/60	9.5	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	41	976.77
AKA4460YXD	6300	1/2	208-230/1/60	4.8	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	41	1063.21
AKA4476YXA	7680	1/2	115/1/60	11.3	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	41	1051.84
AKA4476YXD	7680	1/2	208-230/1/60	5.7	8.0 x 4.8	10 1/2	3/4 RL - 1/2 F	1/4 S	41	1106.37
AJA4492YXA	9000	3/4	115/1/60	13	8.0 x 4.8	11 21/32	1 RL - 5/8 F	5/16 S	50	1134.24
AJA4492YXD	9000	3/4	208-230/1/60	7.0	8.0 x 4.8	11 21/32	1 RL - 5/8 F	5/16 S	50	1144.94
AJA4512YXD	12100	1	208-230/1/60	7.0	8.0 x 4.8	11 21/32	1 RL - 5/8 F	5/16 S	50	1152.72

TECUMSEH

HERMETIC RECIPROCATING COMPRESSOR

HIGH, R22

- For applications +20°F to +45°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Quad mounting dimensions: 7.5" x 7.5"
- Capacity rated: +45°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AWG4520EXN	20500	1 3/4	208-230/1/60	9.3	14 1/2	1 1/4 RL - 7/8 S	3/8 S	65	1161.49
AWG4524EXN	24200	2	208-230/1/60	11	13 3/8	5/8 S	3/8 S	65	1112.07
AWG4530EXN	30200	2 1/2	208-230/1/60	14.4	13 3/8	5/8 S	3/8 S	65	1256.96
AVA4542EXN	42500	3 1/2	208-230/1/60	19.7	14 1/2	7/8 S	1/2 S	90	1432.79

MEDIUM, R12

- For applications -10°F to +30°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AJA7441AXA	4400	1/2	115/1/60	8.8	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	956.82
AJA7441AXD	4400	1/2	208-230/1/60	5.0	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	1038.90
AJA7465AXA	6650	3/4	115/1/60	11.6	8.0 x 4.8	12	1 RL - 5/8 F	5/16 S	50	1156.15
AJA7465AXAJ9	6650	3/4	115/1/60	11.6	8.0 x 4.8	12	3/8 S	1/4 S	58	1140.69
AJB7465AXD	6650	3/4	208-230/1/60	7.0	8.0 x 4.8	12	1 RL - 5/8 F	5/16 S	54	1110.24
AHA7480AXD	8000	1	208-230/1/60	6.5	7.5 x 7.5	14 1/2	1 1/4 RL - 5/8 S	3/8 S	75	1628.31
AHA7480AXF	8000	1	208-230/3/60	4.2	7.5 x 7.5	15 1/2	1 1/4 RL - 5/8 S	3/8 S	75	1793.75
AHB7511AXD	12000	1 1/2	208-230/1/60	8.6	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1872.33
AHA7511AXF	12000	1 1/2	208-230/3/60	5.7	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1895.19
AHA7514AXD	14000	2	208-230/1/60	10.4	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1826.88
AHA7514AXF	14000	2	208-230/3/60	7.3	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1858.02

MEDIUM, R134a R513A

- For applications -10°F to +30°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Quad mounting dimensions: 8.0" x 4.8"
- Capacity rated: +20°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AZA0370YXA	700	1/12	115/1/60	2.2	—	5/16 S	3/16 S	25	369.20
AZA0395YXA	950	1/8	115/1/60	2.9	—	5/16 S	3/16 S	25	409.82
TPA9421YXA	2075	1/3	115/1/60	7.2	9	3/8 S	1/4 S	26	450.24
AJA7461YXA	6110	3/4	115/1/60	10.1	12	1 RL - 5/8 F	5/16 S	50	1251.79
AJA7461YXD	6110	3/4	208-230/1/60	6.4	12	1 RL - 5/8 F	5/16 S	50	1160.64

MEDIUM, R404A R407A R448A R452A R507

- For applications -10°F to +30°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AWA7490ZXD	9000	1	208-230/1/60	7.4	7.5 x 7.5	14 1/2	1 1/4 RL - 7/8 S	3/8 S	65	1522.44
AJA7494ZXD	9350	1	208-230/1/60	8.9	8.0 x 4.8	12	1 RL - 5/8 F	5/16 S	54	1240.72
AWA7512ZXD	11600	1 1/2	208-230/1/60	9.5	7.5 x 7.5	14 1/2	1 1/4 RL - 7/8 S	3/8 S	65	1581.20
AWA7512ZXT	11500	1 1/2	208-230/3/60	8.0	7.5 x 7.5	14	1 1/4 RL - 7/8 S	3/8 S	65	1669.35
AVA7524ZXN	24000	3	208-230/1/60	16.7	7.5 x 7.5	15	7/8 S	1/2 S	90	1473.18
AVA7524ZXT	24000	3	208-230/3/60	10.9	7.5 x 7.5	15 7/8	7/8 S	1/2 S	90	1591.35
AGA9530ZXT	29500	4	208-230/3/60	16.0	7.5 x 7.5	15 7/8	7/8 S	1/2 S	105	1991.83

LOW, R12

- For applications -30°F to +10°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: -10°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AE2410AAA1A SWT	1050	1/4	115/1/60	4.5	6.5 x 4.0	9	3/8 S	1/4 S	25	629.55
AE2413AAA1B SWT	1300	1/3	115/1/60	N/A	6.5 x 4.0	8.9	5/16 S	1/4 S	24	670.47
AE2413AAA1B VLV	1300	1/3	115/1/60	N/A	6.5 x 4.0	8.9	3/8 FL Valve	1/4 S	24	670.47
AJA2416AXA	1525	1/3	115/1/60	6.8	8.0 x 4.8	11 21/32	3/4 RL - 3/8 F	5/16 S	50	861.39
AJA2425AXA	2200	1/2	115/1/60	7.9	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	1048.26
AJA2425AXD	2200	1/2	208-230/1/60	4.3	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	1038.90
AHA2435AXD	3400	3/4	208-230/1/60	6.4	7.5 x 7.5	14 1/2	1 1/4 RL - 5/8 S	3/8 S	75	1714.02
AHA2445AXD	4400	1	208-230/1/60	8.2	7.5 x 7.5	14 1/2	1 1/4 RL - 5/8 S	3/8 S	75	1770.48
AHA2445AXF	4400	1	208-230/3/60	3.8	7.5 x 7.5	15 1/2	1 1/4 RL - 5/8 S	3/8 S	75	1901.02
AHA2466AXD	6600	1 1/2	208-230/1/60	9.7	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1814.13
AHA2466AXF	6600	1 1/2	208-230/3/60	5.4	7.5 x 7.5	15 1/2	1 1/4 RL - 7/8 S	3/8 S	75	1949.54

LOW, R134a R513A

- For applications -30°F to +10°F SST
- Necessary start components supplied
- Quad mounting dimensions: 6.5" x 4.0"
- Capacity rated: -10°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
THA1358YXA	600	1/5	115/1/60	1.8	N/A	5/16	1/4	25	321.57
TPA1380YXA	870	1/5	115/1/60	1.4	8.27	5/16	1/4	25	384.92
TPA1390YXA	970	1/5	115/1/60	1.6	8.27	5/16	1/4	25	390.69
TPA1410YXA	1100	1/4	115/1/60	1.8	8.27	5/16	1/4	25	385.63
TPA1413YXA	1230	1/3	115/1/60	2.19	N/A	5/16	1/4	30	396.18
AE2410YAA1A SWT	950	1/4	115/1/60	3.11	8.8	5/16 S	1/4 S	25	602.76
AJA2419YXA	1860	1/2	115/1/60	6.8	10.34	3/4 RL	5/16	53	1049.28

LOW, R404A R407A R448A R452A R507

- For applications -30°F to +10°F SST
- Necessary start components supplied
- Rotolock (RL) suction spud supplied with valve
- Capacity rated: -10°F evaporator / 130°F condensing

Tecumseh

Part No.	Capacity BTUH	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
AE2410ZAA1A SWT	1050	1/3	115/1/60	3.6	6.5 x 4.0	8.8	5/16 S	1/4 S	25	541.38
AE2415ZAA1A SWT	1600	1/3	115/1/60	4.45	6.5 x 4.0	8.8	5/16 S	1/4 S	25	571.88
AJA2419ZXA	1865	1/2	115/1/60	6.7	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	1135.68
AE2420ZDS1B	2050	1/2	115/1/60	5.76	6.5 x 4.0	8.8	5/16 S	1/4 S	38	667.35
AJA2425ZXA	2450	1/2	115/1/60	7.9	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	1072.97
AJA2425ZXD	2450	1/2	208-230/1/60	4.4	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	1099.26
AWA2440ZXT	3775	1	208-230/3/60	3.8	7.5 x 7.5	14 1/2	1 1/4 RL - 5/8 S	5/16 S	65	1577.26
AWA2440ZXD	3775	1	208-230/1/60	5.1	7.5 x 7.5	14 1/2	1 1/4 RL - 5/8 S	5/16 S	65	1548.50
AWA2460ZXDROTO	6300	1 1/2	208-230/1/60	8.2	7.5 x 7.5	14 1/2	1 1/4 RL - 7/8 S	3/8 S	64	1578.66
AWA2460ZXDSWT	6300	1 1/2	208-230/1/60	8.2	7.5 x 7.5	13 7/8	5/8 S	3/8 S	64	1503.20
AWA2460ZXTROTO	6000	1 1/2	208-230/3/60	5.6	7.5 x 7.5	14 1/2	1 1/4RL - 7/8 S	3/8 S	64	1839.84
AWA2460ZXTSWT	6000	1 1/2	208-230/3/60	5.6	7.5 x 7.5	13 7/8	5/8 S	3/8 S	64	1744.66
AVA2490ZXN	9500	2 1/4	208-230/1/60	11.4	7.5 x 7.5	14	7/8 S	1/2 S	95	1855.36
AVA2490ZXT	9000	2 1/4	200-230/3/60	7.4	7.5 x 7.5	14	7/8 S	1/2 S	79	1740.19
AVA2512ZXN	12500	3	208-230/1/60	16.9	7.5 x 7.5	14	7/8 S	1/2 S	94	1795.29
AVA2512ZXT	12500	3	200-230/3/60	9.3	7.5 x 7.5	14	7/8 S	1/2 S	84	1779.59
AVA2512ZXG	12500	3	460/3/60	4.6	7.5 x 7.5	14	7/8 S	1/2 S	83	1792.94
AJB2433ZXA	3410	3/4	115/1/60	10.0	8.0 x 4.8	11 7/32	3/8 S	5/16 S	56	1215.34
AJB2433ZXD	3330	3/4	208-230/1/60	4.7	8.0 x 4.8	11 7/32	3/8 S	5/16 S	56	1221.79
AJA2419ZXD	1865	1/2	208-230/1/60	3	8.0 x 4.8	11 21/32	3/4 RL - 1/2 F	5/16 S	50	1171.68
AJB2444ZXD	4440	1	208-230/1/60	6.5	8.0 x 4.8	—	3/8 S	5/16 S	56	1352.44
AWA2450ZXD	4600	1 1/4	208-230/1/60	5.9	7.5 x 7.5	13 1/8	1 1/4 RL - 7/8 S	3/8 S	75	1877.60

HERMETIC RECIPROCATING COMPRESSOR

AG Series

AG, AW, AV SERIES, R407C R22

- Designed for R407C/R22, air conditioning applications
- Models supplied with crankcase heater
- Sweat connection
- Charged with polyolester oil
- Capacity rated: 45°F evaporator; 130°F condensing
- Run capacitor required but not provided

Tecumseh

Part No.	Capacity 45°F/130°F Cond R22 (BTUH)	R407C (BTUH)	HP	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connection (In.) Suction	Discharge	Ship Wgt. (Lbs.)	Price
AWG5520WXG	20000	15800	1 1/2	460/3/60	2.9	7.5 x 7.5	13	N/A	3/8	70	**1215.45**
AVA5538WXT	37700	31400	3	208-230/3/60	10.8	7.5 x 7.5	14 5/16	7/8	1/2	79	**1131.79**
AVA5538WXG	37500	31500	3	460/3/60	5.3	7.5 x 7.5	14 5/16	7/8	1/2	82	**1069.95**
AVA5542WXT	41300	33500	3 1/2	208-230/3/60	12	7.5 x 7.5	14 5/16	7/8	1/2	74	**1249.50**
AVA5542WXG	41300	33500	3 1/2	460/3/60	5.96	7.5 x 7.5	14 5/16	7/8	1/2	82	**1181.23**
AGA5553WXN	53100	40900	4	208-230/1/60	26.2	7.5 x 7.5	15 3/4	7/8	1/2	103	**1724.74**
AGA5553WXT	53100	40900	4	208-230/3/60	15.5	7.5 x 7.5	15 3/4	7/8	1/2	103	**1776.32**
AGA5561WXN	60000	47100	5	208-230/1/60	30.5	7.5 x 7.5	16 1/4	7/8	1/2	107	**1640.08**
AGA5561WXT	60000	47100	5	208-230/3/60	18	7.5 x 7.5	16 1/4	7/8	1/2	107	**1701.25**
AGA5568WXN	66800	54400	6	208-230/1/60	34.5	7.5 x 7.5	16 15/16	7/8	1/2	112	**1821.35**
AGA5568WXT	66800	54400	6	208-230/3/60	20	7.5 x 7.5	16 15/16	7/8	1/2	112	**2170.36**

AE, AJ, AK SERIES, R22

- Designed for R22, air conditioning applications
- Sweat connection
- Charged with alkybenzene oil
- K6981(quad), K6982 thru K6986 (tri) plates available for mounting AE, AK models, sold separately
- Capacity rated: 45°F evaporator; 130°F condensing
- **Run capacitor** required but not provided

Starting Torque - 4th digit

1, 3, 5, 6, 0, A - Normal: suitable for capillary tube and other self equalizing systems

2, 4, 7, 9 - High torque: for either expansion valve or capillary tube systems

Capacity Key

5th digit = number digits in capacity

6th, 7th digit = significant capacity digits

(i.e., AEA4492AXA = High torque, 9,200 BTU)

Tecumseh

Part No.	Capacity (BTUH)	HP	Load Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Connections (In.) Suction	Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
AE4456EDS1B	5,800	1/2	115/1/60	7.56	**15 x 370**	None*	3/8	1/4	N/A	25	**600.27**
AKA5470EXA	7,000	3/4	115/1/60	7.1	**15 x 370**	None*	3/8	1/4	11	36	**724.44**
AKA5483EXA	8,300	3/4	115/1/60	9.0	**15 x 370**	None*	3/8	5/16	11	36	**740.23**
AKA5483EXD	8,300	3/4	208-230/1/60	4.4	**15 x 370**	None*	3/8	1/4	11	36	**737.53**
AKA5510EXA	10,000	1	115/1/60	10.5	**25 x 370**	None*	3/8	1/4	11	39	**668.53**
AKA5510EXD	10,000	1	208-230/1/60	5.7	**15 x 370**	None*	3/8	1/4	11	39	**673.67**
AKA5510EXV	10,000	1	265/1/60	5.0	**15 x 370**	None*	3/8	1/4	11	39	**678.33**
AKA5511EXA	11,000	1	115/1/60	11.0	**25 x 370**	None*	3/8	1/4	11	39	**675.23**
AKA5512EXA	12,000	1	115/1/60	12.5	**25 x 370**	None*	1/2	5/16	11	39	**678.91**
AKA5512EXD	12,000	1	208-230/1/60	6.8	**15 x 370**	None*	1/2	5/16	11	39	**675.79**
AKA5512EXV	12,000	1	265/1/60	5.5	**15 x 440**	None*	1/2	5/16	11	39	**672.88**
AJB5515EXD	15,000	1	208-230/1/60	8.5	**20 x 370**	8.0 x 4.8	1/2	5/16	11	50	**879.69**
AJB5515EXV	15,000	1	265/1/60	7.4	**20 x 440**	8.0 x 4.8	1/2	5/16	11	50	**875.68**
AJA5517EXD	17,200	1 1/2	208-230/1/60	10.2	**20 x 370**	8.0 x 4.8	1/2	5/16	12 7/16	50	**867.36**
AJA5518EXV	18,000	1 3/4	265/1/60	8.8	**30 x 440**	8.0 x 4.8	1/2	5/16	12 7/16	50	**1012.27**
AJA5519EXD	19,300	1 3/4	208-230/1/60	11.6	**25 x 370**	8.0 x 4.8	1/2	5/16	10.8	50	**937.85**

*accepts various removable plates: K6981= 8.0" x 4.8"

AW, AV SERIES, R22

- Designed for R22, air conditioning applications
- AW, AV, AG models supplied with crankcase heater
- Sweat connection
- Charged with alkybenzene oil
- Capacity rated: 45°F evaporator; 130°F condensing
- **Run capacitor** required but not provided

Tecumseh

Part No.	Capacity (BTUH)	HP	Load Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
AWF5516EXN	16,300	1 1/2	208-230/1/60	6.6	**20 x 370**	7.5 x 7.5	3/4	3/8	13 1/8	64	**1068.29**
AWG5515EXN	15,200	1 1/2	208-230/1/60	6.9	**20 x 370**	7.5 x 7.5	1 1/4 RL - 5/8	3/8	12.75	63	**996.76**
AWG5515EXT	15,200	1 1/2	208-230/3/60	4.7	—	7.5 x 7.5	1 1/4 RL - 5/8	3/8	12.75	61	**1286.94**
AWG5519EXN	19,000	1 3/4	208-230/1/60	8.6	**25 x 370**	7.5 x 7.5	5/8	3/8	14	65	**813.74**
AWG5520EXT	20,000	1 3/4	208-230/3/60	5.8	—	7.5 x 7.5	5/8	3/8	14	65	**1223.25**
AWG5524EXN	24,000	2	208-230/1/60	11.0	**35 x 370**	7.5 x 7.5	5/8	3/8	14	65	**852.43**
AWG5524EXT	24,000	2	208-230/3/60	6.7	—	7.5 x 7.5	5/8	3/8	14	65	**1178.53**
AWF5524EXT	24,400	2	208-230/3/60	6.5	—	7.5 x 7.5	3/4	3/8	12.75	61	**1287.98**
AWF5524EXG	24,000	2	460/3/60	3.3	—	7.5 x 7.5	3/4	3/8	13 3/4	65	**1280.16**
AWG5528EXN	28,000	2 1/4	208-230/1/60	13.0	**35 x 370**	7.5 x 7.5	5/8	3/8	14	65	**885.52**
AWG5530EXN	28,900	2 1/2	208-230/1/60	14.4	**45 x 370**	7.5 x 7.5	5/8	3/8	14	65	**930.92**
AWG5530EXT	28,900	2 1/2	208-230/3/60	8.4	—	7.5 x 7.5	5/8	3/8	14	65	**1330.35**
AWF5530EXT	29,700	3	208-230/3/60	8.2	—	7.5 x 7.5	3/4	3/8	12.75	61	**1321.72**
AWF5530EXG	28,900	2 1/2	460/3/60	4.1	—	7.5 x 7.5	3/4	3/8	13 3/4	65	**1313.71**
AWG5532EXN	31,500	3	208-230/1/60	15.1	**45 x 370**	7.5 x 7.5	3/4	3/8	12.75	63	**1048.51**
AWF5532EXT	31,600	3	208-230/3/60	8.6	—	7.5 x 7.5	3/4	3/8	12.75	64	**1365.60**
AVA5532EXN	32,000	2 1/2	208-230/1/60	14.5	**35 x 370**	7.5 x 7.5	7/8	1/2	15	81	**966.43**
AVA5535EXN	35,200	2 3/4	208-230/1/60	15.8	**40 x 370**	7.5 x 7.5	7/8	1/2	15	88	**975.79**
AVA5535EXT	35,200	2 3/4	208-230/3/60	9.7	—	7.5 x 7.5	7/8	1/2	15	88	**1110.41**
AVA5538EXG	38,400	3	460/3/60	5.3	—	7.5 x 7.5	7/8	1/2	15	88	**1131.79**
AVA5538EXN	38,400	3	208-230/1/60	17.2	**35 x 440**	7.5 x 7.5	7/8	1/2	15 11/16	88	**987.63**
AVA5538EXT	38,400	3	208-230/3/60	10.8	—	7.5 x 7.5	7/8	1/2	15	88	**1131.79**
AVA5542EXN	42,500	3 1/4	208-230/1/60	19.7	**40 x 440**	7.5 x 7.5	7/8	1/2	15 11/16	88	**1027.21**
AVA5542EXT	42,500	3	208-230/3/60	12.0	—	7.5 x 7.5	7/8	1/2	15	88	**1252.76**
AVA5542EXG	42,500	3 1/4	460/3/60	5.96	—	7.5 x 7.5	7/8	1/2	15	88	**1181.23**
AVA5546EXN	46,500	3 1/2	208-230/1/60	21.5	**40 x 440**	7.5 x 7.5	7/8	1/2	15	88	**1078.33**
AVA5546EXT	46,500	3 1/2	208-230/3/60	13.28	—	7.5 x 7.5	7/8	1/2	15 1/2	88	**1237.66**
AVA5546EXG	46,500	3 1/2	460/3/60	6.6	—	7.5 x 7.5	7/8	1/2	15	88	**1238.08**

AG, AV SERIES, R22

- Designed for R22, air conditioning applications
- Supplied with crankcase heater
- Sweat connection
- Charged with alkybenzene oil
- Capacity rated: 45°F evaporator; 130°F condensing
- **Run capacitor** required but not provided (single phase models)

Tecumseh

Part No.	Capacity (BTUH)	HP	Load Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Quad Mount (In.)	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
AVB5549EXN	49,000	4	208-230/1/60	20.5	**45 x 440**	7.5 x 7.5	7/8	1/2	14	92	**1300.06**
AVB5549EXT	48,000	4	208-230/3/60	—	—	7.5 x 7.5	7/8	1/2	14	81	**1362.52**
AGA5553EXN	54,000	4	208-230/1/60	26.2	**45 x 440**	7.5 x 7.5	7/8	1/2	17	110	**1595.17**
AGA5553EXT	54,000	4	208-230/3/60	15.5	—	7.5 x 7.5	7/8	1/2	17	110	**1676.17**
AGC5553EXG	54,000	4	460/3/60	7.8	—	7.5 x 7.5	7/8	1/2	17	110	**1693.27**
AVB5558EXN	57,600	4 1/2	208-230/1/60	24.0	**45 x 440**	7.5 x 7.5	7/8	1/2	14 1/2	85	**1487.91**
AVB5558EXT	57,600	4 1/2	208-230/3/60	15.9	—	7.5 x 7.5	7/8	1/2	15	85	**1560.04**
AVB5558EXG	57,600	4 1/2	460/3/60	8.0	—	7.5 x 7.5	7/8	1/2	15	85	**1218.13**
AGA5561EXN	61,000	5	208-230/1/60	30.5	**55 x 440**	7.5 x 7.5	7/8	1/2	17 1/2	110	**1623.84**
AGA5561EXT	61,000	5	208-230/3/60	18.0	—	7.5 x 7.5	7/8	1/2	17	110	**1686.90**
AGC5561EXG	61,000	5	460/3/60	9.5	—	7.5 x 7.5	7/8	1/2	17	110	**1695.14**
AGA5568EXN	68,000	5 1/2	208-230/1/60	34.5	**55 x 440**	7.5 x 7.5	7/8	1/2	18	110	**1821.35**
AGA5568EXT	68,000	5 1/2	208-230/3/60	20.0	—	7.5 x 7.5	7/8	1/2	17 1/2	110	**1859.67**
AGC5568EXG	68,000	5 1/2	460/3/60	10.6	—	7.5 x 7.5	7/8	1/2	17 1/2	110	**1859.67**

SCROLL COMPRESSOR

EXTENDED MEDIUM, R404A R407A R448A R452A R507

- For applications -10°F to +40°F SST
- Rotolock (RL) suction spud supplied with valve

Tecumseh

Part No.	HP	Voltage	RLA	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
VSA9490ZNA	1	208-230/1/60	7.17	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	74	1615.54
VSA9490ZXT	1	200-230/3/60	5.2	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	72	1631.86
VSA9490ZXG	1	460/3/60	2.5	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	70	1654.91
VSA9510ZNA	1	208-230/1/60	7.98	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	74	1647.21
VSA9510ZXT	1	200-230/3/60	5.6	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	72	1662.59
VSA9510ZXG	1	460/3/60	2.79	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	70	1684.65
VSA9512ZNA	1 1/2	208-230/1/60	8.78	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	75	1662.59
VSA9512ZXT	1 1/2	200-230/3/60	6.5	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	72	1677.94
VSA9512ZXG	1 1/2	460/3/60	3.3	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	69	1701.94
VSA9514ZNA	1 3/4	208-230/1/60	10.3	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	78	1678.89
VSA9514ZXT	1 3/4	200-230/3/60	7.1	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	72	1695.22
VSA9514ZXG	1 3/4	460/3/60	3.69	7.5 x 7.5	14.4	1 1/4RL - 7/8	3/4RL - 1/2	70	1717.29
VSA9517ZNA	2	208-230/1/60	12.0	7.5 x 7.5	15.6	1 1/4RL - 7/8	3/4RL - 1/2	87	1719.22
VSA9517ZXT	2	200-230/3/60	8.2	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	75	1734.57
VSA9517ZXG	2	460/3/60	7.0	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	77	1758.58
VSA9521ZNA	3	208-230/1/60	14.6	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	78	1747.05
VSA9521ZXT	3	200-230/3/60	9.75	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	75	1785.45
VSA9521ZXG	2 1/2	460/3/60	5.4	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	75	1808.50
VSA9524ZXT	3	200-230/3/60	10.2	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	80	1822.89
VSA9524ZTB	3	200-230/3/60	12.6	7.5 x 7.5	15.7	1 1/4RL - 7/8	3/4RL - 1/2	80	1859.37
VSA9524ZXG	3	460/3/60	5.2	7.5 x 7.5	15.7	1 1/4RL - 7/8	3/4RL - 1/2	80	1845.92
VSA9528ZXT	3 1/2	200-230/3/60	12.2	7.5 x 7.5	18.5	1 1/4RL - 7/8	3/4RL - 1/2	120	1986.07
VSA9528ZXG	3 1/2	460/3/60	8.0	7.5 x 7.5	18.5	1 1/4RL - 7/8	3/4RL - 1/2	114	2008.16
VSA9536ZXT	4 1/2	200-230/3/60	15.9	7.5 x 7.5	20	1 1/4RL - 7/8	3/4RL - 1/2	125	2054.23
VSA9536ZXG	4 1/2	460/3/60	9.0	7.5 x 7.5	19.5	1 1/4RL - 7/8	3/4RL - 1/2	123	2076.30
VSA9544ZXT	5 1/2	200-230/3/60	—	7.5 x 7.5	20	1 1/4RL - 7/8	3/4RL - 1/2	130	2186.70
VSA9544ZXG	5 1/2	460/3/60	9.7	7.5 x 7.5	19.5	1 1/4RL - 7/8	3/4RL - 1/2	128	☎

LOW, R404A R407A R448A R452A R507

Tecumseh

Part No.	HP	Voltage	RLA	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
VSAG475ZXT	2	200-230/3/60	6.95	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	80	2004.31
VSAG494ZXT	2	200-230/3/60	8.34	7.5 x 7.5	15.4	1 1/4RL - 7/8	3/4RL - 1/2	80	☎
VSAG511ZXT	3	200-230/3/60	8.55	7.5 x 7.5	15.7	1 1/4RL - 7/8	3/4RL - 1/2	80	2136.78
VSAG513ZXT	3	200-230/3/60	9.33	7.5 x 7.5	15.7	1 1/4RL - 7/8	3/4RL - 1/2	80	2202.05
VSAG514ZNA	4	208-230/1/60	—	7.5 x 7.5	18.5	1 1/4RL - 7/8	3/4RL - 1/2	120	☎
VSAG514ZXT	4	200-230/3/60	11.38	7.5 x 7.5	18.5	1 1/4RL - 7/8	3/4RL - 1/2	120	2247.17
VSAG514ZXG	4	460/3/60	5.67	7.5 x 7.5	18.5	1 1/4RL - 7/8	3/4RL - 1/2	120	2247.17
VSAG518ZXT	5	200-230/3/60	14.73	7.5 x 7.5	19.5	1 1/4RL - 7/8	3/4RL - 1/2	125	2379.64
VSAG518ZXG	5	460/3/60	7.39	7.5 x 7.5	19.5	1 1/4RL - 7/8	3/4RL - 1/2	125	2379.64
VSAG523ZXT	6	200-230/3/60	16.84	7.5 x 7.5	19.5	1 1/4RL - 7/8	3/4RL - 1/2	130	2730.98
VSAG523ZXG	6	460/3/60	8.38	7.5 x 7.5	19.5	1 1/4RL - 7/8	3/4RL - 1/2	130	2730.98

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

ROTARY COMPRESSOR

RK SERIES, R22

- Designed for R22, air conditioning applications
- Replaces rotary compressors commonly found in window air conditioners
- Mount is triangular on listed centers
- Run capacitor required but not provided
- Capacity rated: 45°F evaporator; 130°F condensing
- Sweat connection

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
RGA5480EXA	8,100	3/4	115/1/60	7.00	**35 x 240**	—	3/8	5/16	—	30	**506.46**
RKA5490EXA	9,200	3/4	115/1/60	7.4	**25 x 370**	6	1/2	5/16	12 1/2	30	**654.37**
RKA5490EXD	9,200	3/4	208-230/1/60	3.8	**25 x 370**	6	1/2	5/16	12 1/2	30	**670.55**
RKA5490EXV	9,200	3/4	265/1/60	3.3	**25 x 370**	6	1/2	5/16	12 1/2	30	**683.90**
RGA5510EXA	10,300	1	115/1/60	9.6	**35 x 370**	6	1/2	5/16	—	30	**533.73**
RKA5512EXA	11,700	1	115/1/60	12.5	**25 x 370**	6	1/2	5/16	13	30	**678.60**
RKA5512EXD	11,700	1	208-230/1/60	6.8	**25 x 370**	6	1/2	5/16	13	30	**686.59**
RKA5512EXV	11,700	1	265/1/60	5.5	**25 x 440**	6	1/2	5/16	13	30	**677.25**
RKB5513EXA	13,000	1	115/1/60	11.0	**30 x 370**	6	5/8	5/16	13	39	**666.56**
RKA5513EXD	13,200	1	208-230/1/60	5.4	**25 x 370**	6	1/2	5/16	13	39	**686.59**
RKC5515EXA	15,500	1	115/1/60	13	**40 x 370**	6	1/2	5/16	15	36	**880.03**
RKA5515EXD	15,500	1	208-230/1/60	6.4	**25 x 370**	6	5/8	5/16	15	36	**815.40**
RKA5515EXV	15,500	1	265/1/60	5.4	**25 x 440**	6	5/8	5/16	15	36	**836.74**
RKA5518EXD	17,700	1 1/2	208-230/1/60	7.6	**25 x 370**	6	5/8	5/16	14	40	**883.75**

RK,RG SERIES, R407C

Tecumseh

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Mount (In.)	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
RGA5480CXA	7600	3/4	115/60/1	7	**35 x 240**	5 1/8	3/8	5/16	12 1/2	30	☎
RKA5490CXA	8720	3/4	115/60/1	7.5	**25 x 370**	6	1/2	5/16	12 1/2	30	☎
RKA5490CXD	8720	3/4	208-230/60/1	3.7	**25 x 370**	6	1/2	5/16	12 1/2	30	☎
RKA5510CXA	10020	3/4	115/60/1	8.6	**25 x 370**	6	1/2	5/16	12 1/2	30	☎
RKA5512CXD	11080	1	208-230/60/1	4.5	**25 x 370**	6	1/2	5/16	13	30	☎
RKA5413CXA	12500	1	115/60/1	11	**25 x 370**	6	5/8	5/16	13	39	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

HERMETIC RECIPROCATING COMPRESSOR

EXTENDED MEDIUM, R404A

The MPZ is the most advanced line of refrigeration compressors we have ever developed. Drawing on our vast experience at the forefront of compressor technology, the MPZ range has been designed to deliver an unmatched energy efficiency ratio, combined with space saving design, enhanced functionalities, low noise and extreme reliability.

The five models in the MPZ range cover cooling needs at evaporating temperatures from -30°C to +10°C and have each been tested thousands of hours under the toughest conditions. No matter which MPZ you choose, you will experience one of Danfoss' main values at its very best: quality you can trust.

- Vertical connections and optimised shape enable easy integration.
- Efficient sound dampening with gas pulsation muffler and low emission shell design.
- Low energy consumption leads high COP of 2.1 at EN 12900 MBP.

Part No.	Capacity (BTUH) 20/120	Capacity (BTUH) -10/120	HP	Voltage	RLA (Amps)	Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
MPZ038A1LB2A	12562	4766	3	208-230/1/60	8.7	7.5 x 7.5	14	3/4	1/2	56	☎
MPZ038A3LB2A	12156	4698	3	208-230/3/60	6.29	7.5 x 7.5	13.7	3/4	1/2	56	☎
MPZ038A4LB2A	12156	4698	3	460/3/60	2.9	7.5 x 7.5	13.7	3/4	1/2	56	☎
MPZ048A1LB2A	16306	6749	4	208-230/1/60	11.77	7.5 x 7.5	14	3/4	1/2	56	☎
MPZ048A3LB2A	15898	6717	4	208-230/3/60	7.68	7.5 x 7.5	13.7	3/4	1/2	56	☎
MPZ048A4LB2A	15898	6717	4	460/3/60	3.71	7.5 x 7.5	13.7	3/4	1/2	56	☎
MPZ054A1LB2A	18166	7723	4.5	208-230/1/60	12.9	7.5 x 7.5	14	3/4	1/2	56	☎
MPZ054A3LB2A	18075	7298	4.5	208-230/3/60	8.79	7.5 x 7.5	13.7	3/4	1/2	56	☎
MPZ054A4LB2A	18075	7298	4.5	460/3/60	4.17	7.5 x 7.5	13.7	3/4	1/2	56	☎
MPZ061A1LB2A	21004	8748	5	208-230/1/60	16.1	7.5 x 7.5	14	3/4	1/2	57	☎
MPZ061A3LB2A	20500	8939	5	208-230/3/60	10.7	7.5 x 7.5	13.7	3/4	1/2	57	☎
MPZ061A4LB2A	20213	8569	5	460/3/60	5.08	7.5 x 7.5	13.7	3/4	1/2	57	☎
MPZ068A1LB2A	23481	9897	5.5	208-230/1/60	18.05	7.5 x 7.5	14	3/4	1/2	57	☎
MPZ068A3LB2A	22974	10090	5.5	208-230/3/60	12.31	7.5 x 7.5	13.7	3/4	1/2	57	☎
MPZ068A4LB2A	22974	10090	5.5	460/3/60	5.67	7.5 x 7.5	13.7	3/4	1/2	57	☎

SCROLL COMPRESSOR

MEDIUM TEMPERATURE, R404A, R22, R134a, R407A

- The combination of an energy efficient motor and a scroll wrap optimized for refrigeration applications, delivers the highest efficiency in fixed speed, normal operation. The Danfoss patented "adaptive" axial compliance design plus an extended application envelope to allow operating at low condensing temperature insures reduced operating costs in colder ambient conditions. Energy cost savings range from 5-15% versus semi-hermetic piston and up to 8% versus other scroll designs.
- Reliability is built into to this compressor family, from the self-aligning, compliant scroll design to the carbon bearings, to the reduced complexity manufacturing process (30% fewer parts). In addition, the patented HOOP overload protection design insures excellent motor protection while eliminating nuisance trips.
- The MLZ Scroll compressor is quiet by design: The basic scroll's smooth continuous compression, the elimination of the suction and discharge valves, and the unique disc check valve design insures quiet, vibration free operation.
- Capacity rated R404A, 20°F evaporator, 120°F condensing

Part No.	Capacity (BTUH)	HP	Oil	Voltage	Quad Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
MLZ015T1LP9	14500	2	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ015T2LP9	14500	2	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ015T4LP9	14500	2	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ019T1LP9	18400	2 1/2	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ019T2LP9	18400	2 1/2	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ019T4LP9	18400	2 1/2	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ021T1LP9	19700	3	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ021T2LP9	19700	3	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ021T4LP9	19700	3	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ026T1LP9	24400	3 1/2	POE	208-230/1/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ026T2LP9	24400	3 1/2	POE	208-230/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

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MEDIUM TEMPERATURE, R404A, R22, R134a, R407A (Cont'd.)

Part No.	Capacity (BTUH)	HP	Oil	Voltage	Quad Mount (In.)	Height (In.)	Connection (In.) Suction	Connection (In.) Discharge	Ship Wgt. (Lbs.)	Price
MLZ026T4LP9	24400	3 1/2	POE	460/3/60	7.5 x 7.5	16.26	3/4	1/2	67	☎
MLZ030T1LP9	28700	4	POE	208-230/1/60	7.5 x 7.5	17.91	7/8	1/2	82	☎
MLZ030T2LP9	28700	4	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	82	☎
MLZ030T4LP9	28700	4	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	82	☎
MLZ038T1LP9	34500	5	POE	208-230/1/60	7.5 x 7.5	17.91	7/8	1/2	82	☎
MLZ038T2LP9	34500	5	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	82	☎
MLZ038T4LP9	34500	5	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	82	☎
MLZ045T2LP9	41800	6	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	87	☎
MLZ045T4LP9	41800	6	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	87	☎
MLZ048T2LP9	45700	7	POE	208-230/3/60	7.5 x 7.5	17.91	7/8	1/2	87	☎
MLZ048T4LP9	45700	7	POE	460/3/60	7.5 x 7.5	17.91	7/8	1/2	87	☎
MLZ058T2LP9	52600	7 1/2	POE	208-230/3/60	7.5 x 7.5	21.1	1 1/8	7/8	97	☎
MLZ058T4LP9	52600	7 1/2	POE	460/3/60	7.5 x 7.5	21.1	1 1/8	7/8	97	☎
MLZ066T2LP9	62000	9	POE	208-230/3/60	7.5 x 7.5	21.46	1 1/8	7/8	100	☎
MLZ066T4LP9	62000	9	POE	460/3/60	7.5 x 7.5	21.46	1 1/8	7/8	100	☎
MLZ076T2LP9	70000	10	POE	208-230/3/60	7.5 x 7.5	21.46	1 1/8	7/8	100	☎
MLZ076T4LP9	70000	10	POE	460/3/60	7.5 x 7.5	21.46	1 1/8	7/8	100	☎

RESIDENTIAL/LIGHT COMMERCIAL

Performer® scroll compressors are specially designed for commercial A/C applications. There is no contact between the scroll flanks in a Performer scroll compressor. The ultra-precise scroll profiles with controlled orbit, roll and slide on an oil film without friction or wear. Floating tip seals ensure axial sealing with low friction losses. With these techniques, the Performer scroll compressor combines high energy efficiency with low sound and vibration characteristics. The 100% suction gas cooled and shielded motor, built-in motor protection, large oil reserve and large internal free volume ensure high reliability and long lifetime.

- Optimized discharge assembly for low noise and higher efficiency.
- Precision balanced moving parts to reduce vibration.
- Shielded motor, 100% suction gas cooled.
- Carefully designed channel with low resistance to suction gas.
- Compact footprint and light weight.
- Ultra precise scroll profile. No contact between scroll flanks but sealing with oil film.
- Floating tip seals for perfect axialsealing, reducing friction losses.
- Large oil sump and large internal free volume.

HRM SERIES R22

- Rotolock connections require valve or adapter

Part No.	Capacity (BTUH)	Voltage	RLA (Amps)	Quad Mount (In.)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
HRM032U1LP6	32312	208-230/1/60	16.7	7.5 x 7.5	15.53	3/4	1/2	63	**1013.88**
HRM032U2LP6	31824	208-230/3/60	11.2	7.5 x 7.5	15.53	3/4	1/2	63	☎
HRM032U4LP6	31824	460/3/60	6.1	7.5 x 7.5	15.53	3/4	1/2	63	**1074.70**
HRM034U1LP6	33500	208-230/1/60	16.7	7.5 x 7.5	15.53	3/4	1/2	63	**1026.10**
HRM034U2LP6	33537	208-230/3/60	11.2	7.5 x 7.5	15.53	3/4	1/2	63	☎
HRM034U4LP6	33537	460/3/60	6.1	7.5 x 7.5	15.53	3/4	1/2	63	☎
HRM038U1LP6	38000	208-230/1/60	19.5	7.5 x 7.5	15.53	3/4	1/2	63	**1040.94**
HRM038U2LP6	38000	208-230/3/60	12.2	7.5 x 7.5	15.53	3/4	1/2	63	**1103.40**
HRM038U4LP6	38012	460/3/60	6.4	7.5 x 7.5	15.53	3/4	1/2	63	☎
HRM040U1LP6	40000	208-230/1/60	21.0	7.5 x 7.5	15.53	3/4	1/2	63	**1075.98**
HRM040U2LP6	40007	208-230/3/60	12.8	7.5 x 7.5	15.53	3/4	1/2	72	**1140.52**
HRM040U4LP6	40007	460/3/60	6.4	7.5 x 7.5	15.53	3/4	1/2	63	☎
HRM042U1LP6	42000	208-230/1/60	17.3	7.5 x 7.5	15.53	3/4	1/2	72	**1112.56**
HRM042U4LP6	42034	460/3/60	7.1	7.5 x 7.5	15.53	3/4	1/2	72	☎
HRM045U4LP6	45000	460/3/60	7.7	7.5 x 7.5	17.28	3/4	1/2	69	**1234.24**
HRM047U1LP6	47500	208-230/1/60	24.4	7.5 x 7.5	16.53	7/8	1/2	72	**1164.36**
HRM047U4LP6	47500	460/3/60	7.7	7.5 x 7.5	16.53	7/8	1/2	72	**1234.24**
HRM054U4LP6	53700	460/3/60	8.4	7.5 x 7.5	17.16	7/8	1/2	83	**1408.68**
HRM058U1LP6	57800	208-230/1/60	28.8	7.5 x 7.5	17.16	7/8	1/2	87	**1385.64**
HRM060U1LP6	59700	208-230/1/60	28.8	7.5 x 7.5	17.16	7/8	1/2	87	**1399.66**

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

SCROLL COMPRESSOR

SZ SERIES, R407C

	Capacity		RLA		Mount	Connections (In.)		Ship Wgt.	
	(BTUH)	HP	(Amps)	Voltage	(In.)	Suction	Discharge	(Lbs.)	Price
SZ084-3VI	76900	7	25.0	208-230/3/60	8.66 x 8.66	1 1/8	3/4	148	☎
SZ084-4VI	76900	7	12.1	460/3/60	8.66 x 8.66	1 1/8	3/4	148	☎
SZ090-3VI	83300	7 1/2	25.0	208-230/3/60	8.66 x 8.66	1 1/8	3/4	152	☎
SZ090-4VI	83300	7 1/2	13.2	460/3/60	8.66 x 8.66	1 1/8	3/4	152	☎
SZ100-3VI	90500	8	27.1	208-230/3/60	8.66 x 8.66	1 1/8	3/4	152	☎
SZ100-4VI	90500	8	13.6	460/3/60	8.66 x 8.66	1 1/8	3/4	152	☎
SZ110-3VI	102800	9	32.1	208-230/3/60	8.66 x 8.66	1 3/8	7/8	197	☎
SZ110-4VI	102800	9	15.7	460/3/60	8.66 x 8.66	1 3/8	7/8	197	☎
SZ115-3QAI	112000	9 1/2	—	208-230/3/60	8.50 x 12.00	1 3/8	7/8	197	☎
SZ115-4QAI	112000	9 1/2	—	460/3/60	8.50 x 12.00	1 3/8	7/8	197	☎
SZ120-3VI	118900	10	35.7	208-230/3/60	8.66 x 8.66	1 3/8	7/8	197	☎
SZ120-4VI	118900	10	20.7	460/3/60	8.66 x 8.66	1 3/8	7/8	197	☎
SZ125-3QAI	119200	10	—	208-230/3/60	8.50 x 12.00	1 3/8	7/8	197	☎
SZ125-4QAI	119200	10	—	460/3/60	8.50 x 12.00	1 3/8	7/8	197	☎
SZ160-3CBI	155400	13	—	208-230/3/60	8.50 x 12.00	1 5/8	1 1/8	211	☎
SZ160-4CBI	155400	13	—	460/3/60	8.50 x 12.00	1 5/8	1 1/8	211	☎
SZ161-3VI	156900	13	45.7	208-230/3/60	8.66 x 8.66	1 5/8	1 1/8	211	☎
SZ161-4VI	156900	13	22.9	460/3/60	8.66 x 8.66	1 5/8	1 1/8	211	☎
SZ175-3QAI	166200	14	—	208-230/3/60	8.50 x 12.00	1 5/8	1 1/8	248	☎
SZ175-4QAI	166200	14	—	460/3/60	8.50 x 12.00	1 5/8	1 1/8	248	☎
SZ185-3QAI	176800	15	—	208-230/3/60	8.50 x 12.00	1 5/8	1 1/8	248	☎
SZ185-4QAI	176800	15	—	460/3/60	8.50 x 12.00	1 5/8	1 1/8	248	☎
SZ240-3VI	242800	20	77.9	208-230/3/60	11.75 x 11.75	1 5/8	1 1/8	344	☎
SZ240-4VI	242800	20	35.7	460/3/60	11.75 x 11.75	1 5/8	1 1/8	344	☎
SZ300-3VI	300000	25	92.9	208-230/3/60	11.75 x 11.75	1 5/8	1 1/8	355	☎
SZ300-4VI	300000	25	49.3	460/3/60	11.75 x 11.75	1 5/8	1 1/8	355	☎
SZ380-3VI	368500	30	—	208-230/3/60	11.75 x 11.75	2 1/8	1 3/8	362	☎
SZ380-4VI	368500	30	—	460/3/60	11.75 x 11.75	2 1/8	1 3/8	362	☎

H** SERIES, R410A

	Capacity			RLA	Height	Connections (In.)		Ship Wgt.	
Part No.	(BTUH)	HP	Voltage	(Amps)	(In.)	Suction	Discharge	(Lbs.)	Price
HRH031T1LP6	31000	2 1/2	208-230/1/60	17.0	16.3	3/4	1/2	68	☎
HRH031T2LP6	31000	2 1/2	208-230/3/60	12.8	16.3	3/4	1/2	68	☎
HRH032T1LP6	31998	2 1/2	208-230/1/60	16.0	16.3	3/4	1/2	68	☎
HRH032T2LP6	31998	2 1/2	208-230/3/60	12.8	16.3	3/4	1/2	68	☎
HRH036T1LP6	35407	3	208-230/1/60	21.5	16.3	3/4	1/2	68	☎
HRH036T2LP6	35407	3	208-230/3/60	14.1	16.3	3/4	1/2	68	☎
HRH038T1LP6	37940	3	208-230/1/60	21.0	16.3	3/4	1/2	71	☎
HRH038T2LP6	37940	3	208-230/3/60	14.7	16.3	3/4	1/2	71	☎
HRH040T1LP6	41539	3 1/4	208-230/1/60	21.0	17.3	7/8	1/2	71	☎
HRH040T2LP6	41539	3 1/4	208-230/3/60	16.0	17.3	7/8	1/2	71	☎
HRH041T1LP6	41310	3 1/4	208-230/1/60	22.4	17.9	7/8	1/2	82	☎
HRH041T2LP6	41310	3 1/4	208-230/3/60	16.0	17.9	7/8	1/2	82	☎
HRH044T1LP6	44408	3 3/4	208-230/1/60	24.3	17.9	7/8	1/2	82	☎
HRH044T2LP6	44408	3 3/4	208-230/3/60	16.7	17.9	7/8	1/2	82	☎
HRH049T1LP6	49023	4	208-230/1/60	25.0	17.9	7/8	1/2	82	☎
HRH049T2LP6	49023	4	208-230/3/60	16.7	17.9	7/8	1/2	82	☎
HRH051T1LP6	51835	4	208-230/1/60	26.3	17.9	7/8	1/2	82	☎
HRH051T2LP6	51835	4	208-230/3/60	17.6	17.9	7/8	1/2	82	☎
HRH054T1LP6	54528	4 1/2	208-230/1/60	29.0	17.9	7/8	1/2	82	☎
HRH054T2LP6	54528	4 1/2	208-230/3/60	17.3	17.9	7/8	1/2	82	☎

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H** SERIES, R410A (Cont'd.)

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
HRH056T1LP6	56924	4 3/4	208-230/1/60	30.1	17.9	7/8	1/2	82	☎
HRH056T2LP6	56924	4 3/4	208-230/3/60	17.3	17.9	7/8	1/2	82	☎
HLH068T2LC6	67435	6	208-230/3/60	23.0	17.9	7/8	1/2	82	☎
HLH068T4LC6	67435	6	460/3/60	12.2	17.9	7/8	1/2	82	☎
HLJ072T2LC6	72532	6 1/2	208-230/3/60	22.4	17.9	7/8	1/2	82	☎
HLJ072T4LC6	72532	6 1/2	460/3/60	12.2	17.9	7/8	1/2	82	☎
HLJ083T2LC6	83127	7	208-230/3/60	26.0	17.9	7/8	1/2	82	☎
HLJ083T4LC6	83127	7	460/3/60	13.0	17.9	7/8	1/2	82	☎

H* SERIES, R407C R22

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Height (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
HRP034T1LP6	34000	2 1/2	208-230/1/60	16.7	16.3	3/4	1/2	65	☎
HRP034T4LP6	34000	2 1/2	460/3/60	—	16.3	3/4	1/2	65	☎
HRP038T1LP6	35500	3	208-230/1/60	—	16.3	3/4	1/2	68	☎
HRP038T2LP6	35500	3	208-230/3/60	12.2	16.3	3/4	1/2	68	☎
HRP038T4LP6	35500	3	460/3/60	7.0	16.3	3/4	1/2	68	☎
HRP040T1LP6	36500	3 1/4	208-230/1/60	—	16.3	3/4	1/2	68	☎
HRP040T2LP6	36500	3 1/4	208-230/3/60	12.8	16.3	3/4	1/2	68	☎
HRP040T4LP6	36500	3 1/4	208-230/3/60	7.4	16.3	3/4	1/2	68	☎
HRP042T1LP6	38500	3 1/2	208-230/1/60	—	16.3	3/4	1/2	68	☎
HRP042T2LP6	38500	3 1/2	208-230/3/60	14.1	16.3	3/4	1/2	68	☎
HRP042T4LP6	38500	3 1/2	460/3/60	—	16.3	3/4	1/2	68	☎
HRP045T1LP6	43500	3 3/4	208-230/1/60	—	17.3	7/8	1/2	68	☎
HRP045T2LP6	43500	3 3/4	208-230/3/60	16	17.3	7/8	1/2	68	☎
HRP045T4LP6	43500	3 3/4	460/3/60	7.7	17.3	7/8	1/2	68	☎
HRP047T1LP6	45100	4	208-230/1/60	—	17.3	7/8	1/2	68	☎
HRP047T2LP6	45100	4	208-230/3/60	16	17.3	7/8	1/2	68	☎
HRP047T4LP6	45100	4	460/3/60	—	17.3	7/8	1/2	68	☎
HRP048T1LP6	44800	4	208-230/1/60	—	17.9	7/8	1/2	82	☎
HRP048T2LP6	44800	4	208-230/3/60	—	17.9	7/8	1/2	82	☎
HRP048T4LP6	44800	4	460/3/60	7.7	17.9	7/8	1/2	82	☎
HRP051T1LP6	49000	4 1/4	208-230/1/60	25.6	17.9	7/8	1/2	82	☎
HRP051T2LP6	49000	4 1/4	208-230/3/60	16.7	17.9	7/8	1/2	82	☎
HRP051T4LP6	49000	4 1/4	460/3/60	8.3	17.9	7/8	1/2	82	☎
HRP054T1LP6	50900	4 1/2	208-230/1/60	—	17.9	7/8	1/2	82	☎
HRP054T2LP6	50900	4 1/2	208-230/3/60	—	17.9	7/8	1/2	82	☎
HRP054T4LP6	50900	4 1/2	460/3/60	8.0	17.9	7/8	1/2	82	☎
HRP058T1LP6	54500	4 3/4	208-230/1/60	—	17.9	7/8	1/2	82	☎
HRP058T2LP6	54500	4 3/4	208-230/3/60	—	17.9	7/8	1/2	82	☎
HRP060T1LP6	56100	5	208-230/1/60	—	17.9	7/8	1/2	82	☎
HRP060T2LP6	56100	5	208-230/3/60	16.7	17.9	7/8	1/2	82	☎
HRP060T4LP6	56100	5	460/3/60	9.6	17.9	7/8	1/2	82	☎
HLP068T2LC6	63500	5 1/2	208-230/3/60	—	17.9	7/8	1/2	82	☎
HLP068T4LC6	63500	5 1/2	460/3/60	—	17.9	7/8	1/2	82	☎
HLP072T2LC6	68100	6	208-230/3/60	—	17.9	7/8	1/2	82	☎
HLP072T4LC6	68100	6	460/3/60	9.6	17.9	7/8	1/2	82	☎
HLP075T2LC6	73000	6 1/2	208-230/3/60	—	17.9	7/8	1/2	82	☎
HLP075T4LC6	73000	6 1/2	460/3/60	10.3	17.9	7/8	1/2	82	☎
HLP081T2LC6	75300	7	208-230/3/60	21.1	17.9	7/8	3/4	82	☎
HLP081T4LC6	75300	7	460/3/60	11	17.9	7/8	3/4	82	☎
HCP094T2LC6	87500	7 1/2	208-230/3/60	25.6	21.1	1 1/8	7/8	97	☎
HCP094T4LC6	87500	7 1/2	460/3/60	13.5	21.1	1 1/8	7/8	97	☎
HCP109T2LC6	101500	9	208-230/3/60	—	21.5	1 1/8	7/8	100	☎
HCP109T4LC6	101500	9	460/3/60	16	21.5	1 1/8	7/8	100	☎
HCP120T2LC6	110800	10	208-230/3/60	35.3	21.5	1 1/8	7/8	100	☎
HCP120T4LC6	110800	10	460/3/60	19.2	21.5	1 1/8	7/8	100	☎

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MULTI APPLICATION HERMETIC COMPRESSOR

MEDIUM TEMPERATURE

Replaces many Trane, American Standard OEM compressors. Designed with large internal open area to reduce liquid hammering. Entirely suction cooled, no external cooling required. Built for long lasting, transient tolerant performance. Tripod mount on 1 and 2 cylinder models (up to MTZ80). 9.7" square mount 4 cylinder MTZ100 and larger. Rotolock connections; sweat spuds provided. Charged with POE oil.

		Capacity (ARI Standard) ±5%									
Part No.	HP	R404A	BTUH	R507	BTUH	R407C	BTUH	R134a	BTUH	R502	BTUH
MTZ18JA1	1 1/2	AC 45	15,509	AC 45	15,509	AC 45	17,230	AC 40	9,628		
MTZ18JA3		HT 20	8982	HT 25	8,982	HT 25	10,966	HT 20	5,664	HT 20	7,818
MTZ18JA4		MT 0	5,165	MT 0	5,165					MT 0	4,355
		LT -20	1,625	LT -20	1,625					LT -20	2,200
MTZ22JC1	2	AC 45	20,935	AC 45	20,935	AC 45	21,430	AC 40	12,896		
MTZ22JC3		HT 25	12,835	HT 25	12,835	HT 25	14,106	HT 20	7,760	HT 20	11,475
MTZ22JC4		MT 0	7,390	MT 0	7,390					MT 0	6,730
		LT -20	3,925	LT -20	3,925					LT -20	2,800
MTZ28JE1	2 1/2	AC 45	20,431	AC 45	20,431	AC 45	28,062	AC 40	16,086		
MTZ28JE3		HT 25	14,248	HT 25	14,248	HT 25	18,450	HT 20	9,577	HT 20	17,373
MTZ28JE4		MT 0	9,510	MT 0	9,510			MT 0	4,001	MT 0	11,450
		LT -20	5,800	LT -20	5,800					LT -20	5,400
MTZ32JG1	2 3/4	AC 45	31,535	AC 45	31,535	AC 45	30,714	AC 40	18,028		
MTZ32JG3		HT 25	19,130	HT 25	19,130	HT 25	20,488	HT 20	10,734	HT 20	18,668
MTZ32JG4		MT 0	10,510	MT 0	10,510			MT 0	4,484	MT 0	12,185
		LT -20	6,690	LT -20	6,690					LT -20	6,600
MTZ36JG1	3	AC 45	35,695	AC 45	35,695	AC 45	34,105	AC 40	20,238		
MTZ36JG3		HT 25	21,910	HT 25	21,910	HT 25	22,446	HT 20	12,048	HT 20	22,253
MTZ36JG4		MT 0	12,230	MT 0	12,230			MT 0	5,033	MT 0	14,960
		LT -20	7,510	LT -20	7,510					LT -20	7,900
MTZ40JH1	3 1/2	AC 45	39,535	AC 45	39,535	AC 45	40,025	AC 40	22,722		
MTZ40JH3		HT 25	24,480	HT 25	24,480	HT 25	26,162	HT 20	13,527	HT 20	24,605
MTZ40JH4		MT 0	13,580	MT 0	13,580			MT 0	5,651	MT 0	15,935
		LT -20	8,875	LT -20	8,875					LT -20	8,700
MTZ44HJ1	4	AC 45	40,950	AC 45	40,950	AC 45	45,200	AC 40	25,508		
MTZ44HJ3		HT 25	27,040	HT 25	27,040	HT 25	28,389	HT 20	15,186	HT 20	27,295
MTZ44HJ4		MT 0	14,320	MT 0	14,320	EMT -10	12,590	MT 0	6,344	MT 0	17,305
		LT -20	8,190	LT -20	8,190					LT -20	8,800
MTZ50HK1	4 1/2	AC 45	52,425	AC 45	52,425	AC 45	50,500	AC 40	28,662		
MTZ50HK3		HT 25	31,605	HT 25	31,605	HT 25	31,201	HT 20	17,064	HT 20	29,353
MTZ50HK4		MT 0	17,280	MT 0	17,280	EMT -10	14,235	MT 0	7,128	MT 0	18,565
		LT -20	12,115	LT -20	12,115					LT -20	10,800
MTZ56HL4	5	AC 45	57,745	AC 45	57,745	AC 45	56,425	AC 40	32,172		
		HT 25	35,555	HT 25	35,555	HT 25	36,410	HT 20	19,153	HT 20	33,145
		MT 0	19,610	MT 0	19,610	EMT -10	15,311	MT 0	8,001	MT 0	20,885
		LT -20	13,480	LT -20	13,480					LT -20	11,700
MTZ64HM1	5 1/2	AC 45	64,840	AC 45	64,840	AC 45	64,825	AC 40	36,050		
MTZ64HM3		HT 25	40,355	HT 25	40,355	HT 25	41,048	HT 20	21,462	HT 20	37,408
MTZ64HM4		MT 0	22,770	MT 0	22,770	EMT -10	17,345	MT 0	8,966	MT 0	22,545
		LT -20	15,190	LT -20	15,190					LT -20	14,100
MTZ72HN3	6	AC 45	72,260	AC 45	72,260	AC 45	70,150	AC 40	40,476		
MTZ72HN4		HT 25	45,270	HT 25	45,270	HT 25	45,427	HT 20	24,097	HT 20	41,993
		MT 0	26,020	MT 0	26,020	EMT -10	19,246	MT 0	10,066	MT 0	26,860
		LT -20	17,065	LT -20	17,065					LT -20	15,700
MTZ80HP3	7	AC 45	80,465	AC 45	80,465	AC 45	80,050	AC 40	45,445		
MTZ80HP4		HT 25	51,070	HT 25	51,070	HT 25	51,805	HT 20	27,055	HT 20	46,950
		MT 0	29,910	MT 0	29,910	EMT -10	21,962	MT 0	11,302	MT 0	29,570
		LT -20	19,110	LT -20	19,110					LT -20	18,200

- **Run capacitor** required for single phase models, not provided.
- For R22 applications
  at 100°F condensing: -10°F to +50°F
  at 140°F condensing +20°F to +50°F
- For R404A applications
  at 100°F condensing -20°F to +50°F
  at 140°F condensing -10°F to +50°F

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Part No.	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connection (In.) Suction	Connection (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
MTZ18JA1	1 1/2	208-230/1/60	7.64	**25 x 440**	1RL - 1/2	1RL - 3/8	12.6	49	**1358.42**
MTZ18JA3	1 1/2	208-230/3/60	6.10	—	1RL - 1/2	1RL - 3/8	12.6	50	**1494.26**
MTZ18JA4	1 1/2	460/3/60	2.81	—	1RL - 1/2	1RL - 3/8	12.6	50	**1494.26**
MTZ22JC1	2	208-230/1/60	10.27	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	13.5	49	**1506.82**
MTZ22JC3	2	208-230/3/60	7.38	—	1RL - 1/2	1RL - 3/8	13.5	50	**1657.48**
MTZ22JC4	2	460/3/60	3.44	—	1RL - 1/2	1RL - 3/8	13.5	50	**1657.48**
MTZ28JE1	2 1/2	208-230/1/60	12.67	**50 x 440**	1 1/4RL - 5/8	1RL - 1/2	13.5	53	**1582.16**
MTZ28JE3	2 1/2	208-230/3/60	9.38	—	1RL - 1/2	1RL - 3/8	13.5	55	**1740.38**
MTZ28JE4	2 1/2	460/3/60	4.41	—	1RL - 1/2	1RL - 3/8	13.5	55	**1740.38**
MTZ32JG1	2 3/4	208-230/1/60	14.26	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	12.6	56	**1645.44**
MTZ32JG3	2 3/4	208-230/3/60	10.13	—	1 1/4RL - 5/8	1RL - 1/2	12.6	56	**1810.00**
MTZ32JG4	2 3/4	460/3/60	4.81	—	1 1/4RL - 5/8	1RL - 1/2	12.6	56	**1810.00**
MTZ36JG1	3	208-230/1/60	17.76	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	12.6	57	**1670.82**
MTZ36JG3	3	208-230/3/60	11.92	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1837.92**
MTZ36JG4	3	460/3/60	5.79	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1837.92**
MTZ40JH1	3 1/2	208-230/1/60	21.95	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	12.6	59	**1779.72**
MTZ40JH3	3 1/2	208-230/3/60	15.32	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1957.72**
MTZ40JH4	3 1/2	460/3/60	6.69	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1957.72**
MTZ44HJ1	4	208-230/1/60	19.04	**45 x 440**	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	83	**1850.92**
MTZ44HJ3	4	208-230/3/60	15.79	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2036.00**
MTZ44HJ4	4	460/3/60	6.84	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2036.00**
MTZ50HK1	4 1/2	208-230/1/60	TBD	**45 x 440**	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**1943.48**
MTZ50HK3	4 1/2	208-230/3/60	17.08	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2137.80**
MTZ50HK4	4 1/2	460/3/60	7.34	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2137.80**
MTZ56HL4	5	460/3/60	8.41	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2266.10**
MTZ64HM1	5 1/2	208-230/1/60	30.84	**55 x 440**	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	88	**2286.68**
MTZ64HM3	5 1/2	208-230/3/60	21.39	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2515.36**
MTZ64HM4	5 1/2	460/3/60	9.48	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2515.36**
MTZ72HN3	6	208-230/3/60	25.31	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2641.12**
MTZ72HN4	6	460/3/60	10.79	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2641.12**
MTZ80HP3	7	208-230/3/60	27.63	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	15.9	90	**2905.24**
MTZ80HP4	7	460/3/60	12.36	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	15.9	90	**2905.24**

Continued on next page

MULTI APPLICATION HERMETIC COMPRESSOR

MEDIUM TEMPERATURE (Cont'd.)

		Capacity (ARI Standard) ± 5%									
Part No.	HP	R404A	BTUH	R507	BTUH	R407C	BTUH	R134a	BTUH	R502	BTUH
MTZ100HS3	9	AC 45	96,165	AC 45	96,165	AC 45	95,850	AC 40	57,319		
MTZ100HS4		HT 25	58,195	HT 25	58,195	HT 25	60,478	HT 20	34,124	HT 20	57,088
		MT 0	31,440	MT 0	31,440	EMT -10	27,061	MT 0	14,255	MT 0	34,850
		LT -20	26,960	LT -20	26,960					LT -20	20,200
MTZ125HU3	10 1/2	AC 45	121,555	AC 45	121,555	AC 45	124,650	AC 40	72,105		
MTZ125HU4		HT 25	75,250	HT 25	75,250	HT 25	80,573	HT 20	42,927	HT 20	70,945
		MT 0	40,530	MT 0	40,530	EMT -10	36,795	MT 0	17,933	MT 0	46,095
		LT -20	33,790	LT -20	33,790					LT -20	30,100
MTZ144HV3	12	AC 45	139,065	AC 45	139,065	AC 45	139,920	AC 40	80,952		
MTZ144HV4		HT 25	86,440	HT 25	86,440	HT 25	90,990	HT 20	48,193	HT 20	77,913
		MT 0	49,970	MT 0	49,970	EMT -10	42,263	MT 0	20,133	MT 0	50,735
		LT -20	38,055	LT -20	38,055					LT -20	34,700
MTZ160HW3	13 1/2	AC 45	153,145	AC 45	153,145	AC 45	156,800	AC 40	90,884		
MTZ160HW4		HT 25	96,640	HT 25	96,640	HT 25	101,160	HT 20	54,106	HT 20	91,113
		MT 0	56,690	MT 0	56,690	EMT -10	47,119	MT 0	22,603	MT 0	59,370
		LT -20	42,660	LT -20	42,660					LT -20	38,200

HERMETIC RECIPROCATING COMPRESSOR

LOW, POE OIL, R404A

Approved for R404A/R507. Rotolock connections; sweat spuds provided.

- **Run capacitor** required, not provided.

Application range for R404A applications
at 100°F condensing -5°F to -45°F
at 140°F condensing -5°F to -30°F

- Capacity rated R404A, -20°F SST, 120°F condensing

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		Capacity		RLA	Run Capacitor	Connections (In.)		Height	Ship Wgt.	
Part No.	HP	(BTUH)	Voltage	(Amps)	(µf x Voltage)	Suction	Discharge	(In.)	(Lbs.)	Price
NTZ048A1LR1A	2	4156	208-230/1/60	6.95	**25 x 440**	1 1/4 RL - 5/8	1RL - 1/2	13.12	46	**1238.36**
NTZ048A3LR1A	2	4101	200-230/3/60	4.57	—	1 1/4 RL - 5/8	1RL - 1/2	13.12	46	**1362.18**
NTZ048A4LR1A	2	4101	460/3/60	2.29	—	1 1/4 RL - 5/8	1RL - 1/2	13.12	46	**1362.18**
NTZ068A1LR1A	2 1/2	6039	208-230/1/60	9.16	**50 x 440**	1 1/4 RL - 5/8	1RL - 1/2	13.12	51	**1280.94**
NTZ068A3LR1A	2 1/2	6993	200-230/3/60	7.35	—	1 1/4 RL - 5/8	1RL - 1/2	13.12	51	**1409.06**
NTZ068A4LR1A	2 1/2	6993	460/3/60	3.88	—	1 1/4 RL - 5/8	1RL - 1/2	13.12	51	**1409.06**
NTZ108A1LR1A	4	10121	208-230/1/60	16.7	**45 x 440**	1 3/4 RL - 7/8	1 1/4RL - 3/4	16.27	77	**1674.36**
NTZ108A3LR1A	4	9875	200-230/3/60	9.57	—	1 3/4 RL - 7/8	1 1/4RL - 3/4	16.27	77	**1841.82**
NTZ108A4LR1A	4	9875	460/3/60	5.18	—	1 3/4 RL - 7/8	1 1/4RL - 3/4	16.27	77	☎
NTZ136A1LR1A	4 1/2	12930	208-230/1/60	21.38	**45 x 440**	1 3/4 RL - 1 1/8	1 1/4RL - 3/4	16.27	77	**2009.24**
NTZ136A3LR1A	4 1/2	12930	200-230/3/60	13.05	—	1 3/4 RL - 1 1/8	1 1/4RL - 3/4	16.27	77	**2210.18**
NTZ136A4LR1A	4 1/2	12930	460/3/60	6.62	—	1 3/4 RL - 1 1/8	1 1/4RL - 3/4	16.27	77	**2210.18**
NTZ215A3LR1A	7 1/2	19388	200-230/3/60	19.67	—	1 3/4 RL - 1 1/8	1 1/4RL - 3/4	20.4	137	**3736.76**
NTZ215A4LR1A	7 1/2	19388	460/3/60	8.97	—	1 3/4 RL - 1 1/8	1 1/4RL - 3/4	20.4	137	☎
NTZ271A3LR1A	9	27602	200-230/3/60	24.01	—	1 3/4 RL - 1 1/8	1 1/4RL - 3/4	20.4	141	**4178.22**
NTZ271A4LR1A	9	27602	460/3/60	11.59	—	1 3/4 RL - 1 1/8	1 1/4RL - 3/4	20.4	141	**4178.22**

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Part No.	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connection (In.) Suction	Connection (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
MTZ100HS3	9	208-230/3/60	27.79	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	145	**3922.06**
MTZ100HS4	9	460/3/60	14.24	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	145	**3922.06**
MTZ125HU3	10 1/2	208-230/3/60	38.54	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	150	**4314.26**
MTZ125HU4	10 1/2	460/3/60	18.06	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	150	**4314.26**
MTZ144HV3	12	208-230/3/60	41.90	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	152	**4745.68**
MTZ144HV4	12	460/3/60	19.81	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	152	**4745.68**
MTZ160HW3	13 1/2	208-230/3/60	48.17	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	165	**5220.24**
MTZ160HW4	13 1/2	460/3/60	22.49	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	165	**5220.24**

MTZ SERIES

Replaces many Trane, American Standard OEM compressors. Designed with large internal open area to reduce liquid hammering. Entirely suction cooled, no external cooling required. Built for long lasting, transient tolerant performance. Tripod mount on 1 and 2 cylinder models (up to MTZ80). 9.7" square mount 4 cylinder MTZ100 and larger. Rotolock connections; sweat spuds provided. Charged with POE oil. Must order MTZ models for use with HFC refrigerants.

- **Run capacitor** required for single phase models, not provided.

- For R22 applications
at 100°F condensing -10°F to +50°F
at 140°F condensing +20°F to +50°F
- For R404A applications
at 100°F condensing -20°F to +50°F
at 140°F condensing -10°F to +50°F
- For R407C applications
at 100°F condensing +10°F to +50°F
at 140°F condensing +25°F to +50°F

Listed capacity: R407C at +45°F to +130°F condensing

Maneurop Inc.

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connection (In.) Suction	Connection (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
MTZ18JA1	17230	1 1/2	208-230/1/60	7.64	**25 x 440**	1RL - 1/2	1RL - 3/8	12.6	49	**1358.42**
MTZ18JA3	17230	1 1/2	208-230/3/60	6.10	—	1RL - 1/2	1RL - 3/8	12.6	50	**1494.26**
MTZ18JA4	17230	1 1/2	460/3/60	2.81	—	1RL - 1/2	1RL - 3/8	12.6	50	**1494.26**
MTZ22JC1	21430	2	208-230/1/60	10.27	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	13.5	49	**1506.82**
MTZ22JC3	21430	2	208-230/3/60	7.38	—	1RL - 1/2	1RL - 3/8	13.5	50	**1657.48**
MTZ22JC4	21430	2	460/3/60	3.44	—	1RL - 1/2	1RL - 3/8	13.5	50	**1657.48**
MTZ28JE1	28062	2 1/2	208-230/1/60	12.67	**50 x 440**	1 1/4RL - 5/8	1RL - 1/2	13.5	53	**1582.16**
MTZ28JE3	28062	2 1/2	208-230/3/60	9.38	—	1RL - 1/2	1RL - 3/8	13.5	55	**1740.38**
MTZ28JE4	28062	2 1/2	460/3/60	4.41	—	1RL - 1/2	1RL - 3/8	13.5	55	**1740.38**
MTZ32JG1	30714	2 3/4	208-230/1/60	14.26	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	12.6	56	**1645.44**
MTZ32JG3	30714	2 3/4	208-230/3/60	10.13	—	1 1/4RL - 5/8	1RL - 1/2	12.6	56	**1810.00**
MTZ32JG4	30714	2 3/4	460/3/60	4.81	—	1 1/4RL - 5/8	1RL - 1/2	12.6	56	**1810.00**
MTZ36JG1	34105	3	208-230/1/60	17.76	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	12.6	57	**1670.82**
MTZ36JG3	34105	3	208-230/3/60	11.92	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1837.92**
MTZ36JG4	34105	3	460/3/60	5.79	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1837.92**
MTZ40JH1	40025	3 1/2	208-230/1/60	21.95	**45 x 440**	1 1/4RL - 5/8	1RL - 1/2	12.6	59	**1779.72**
MTZ40JH3	40025	3 1/2	208-230/3/60	15.32	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1957.72**
MTZ40JH4	40025	3 1/2	460/3/60	6.69	—	1 1/4RL - 5/8	1RL - 1/2	12.6	60	**1957.72**
MTZ44HJ1	43013	4	208-230/1/60	19.04	**45 x 440**	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	83	**1850.92**
MTZ44HJ3	43013	4	208-230/3/60	15.79	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2036.00**
MTZ44HJ4	43013	4	460/3/60	6.84	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2036.00**

Continued on next page

HERMETIC RECIPROCATING COMPRESSOR

MTZ SERIES (Cont'd.)

Maneurop Inc.

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connection (In.) Suction	Connection (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
MTZ50HK1	48152	4 1/2	208-230/1/60	—	**45 x 440**	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**1943.48**
MTZ50HK3	48152	4 1/2	208-230/3/60	17.08	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2137.80**
MTZ50HK4	48152	4 1/2	460/3/60	7.34	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	85	**2137.80**
MTZ56HL4	54346	5	460/3/60	8.41	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2266.10**
MTZ64HM1	60422	5 1/2	208-230/1/60	30.84	**55 x 440**	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	88	**2286.68**
MTZ64HM3	60422	5 1/2	208-230/3/60	21.39	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2515.36**
MTZ64HM4	60422	5 1/2	460/3/60	9.48	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2515.36**
MTZ72HN3	67915	6	208-230/3/60	25.31	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2641.12**
MTZ72HN4	67915	6	460/3/60	10.79	—	1 3/4RL - 7/8	1 1/4RL - 3/4	15.9	90	**2641.12**
MTZ80HP3	76894	7	208-230/3/60	27.63	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	15.9	90	**2905.24**
MTZ80HP4	76894	7	460/3/60	12.36	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	15.9	90	**2905.24**
MTZ100HS3	96382	9	208-230/3/60	27.79	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	145	**3922.06**
MTZ100HS4	96382	9	460/3/60	14.24	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	145	**3922.06**
MTZ125HU3	121627	10 1/2	208-230/3/60	38.54	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	150	**4314.26**
MTZ125HU4	121627	10 1/2	460/3/60	18.06	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	150	**4314.26**
MTZ144HV3	139644	12	208-230/3/60	41.90	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	152	**4745.68**
MTZ144HV4	139644	12	460/3/60	19.81	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	152	**4745.68**
MTZ160HW3	154420	13 1/2	208-230/3/60	48.17	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	165	**5220.24**
MTZ160HW4	154420	13 1/2	460/3/60	22.49	—	1 3/4RL - 1 1/8	1 1/4RL - 3/4	19.7	165	**5220.24**

M63 SERIES, MEDIUM TEMP, R404A

- Capacity: R404A, +20°F evaporator, 120°F condensing, 95°F ambient, 120°F liquid, 40°F return gas

BRISTOL COMPRESSORS

Part No.	Capacity +20°F (BTUH)	Voltage	Mount (In.)	HP	Connections (In.) Suction	Connections (In.) Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
M63B872BBCB	6,600	208-230/1/60	4.8 x 8.0	3/4	5/8	3/8	13.0	63.8	**874.68**
M63B982BBCB	7,800	208-230/1/60	4.8 x 8.0	1	5/8	3/8	13.0	63.8	**886.96**
M63B123BBCB	10,300	208-230/1/60	4.8 x 8.0	1.3	5/8	3/8	15.0	66.0	**907.84**
M63B123DBLB	10,300	208-230/3/60	4.8 x 8.0	1.3	5/8	3/8	15.0	59.5	**1184.46**
M63B153BBCB	12,500	208-230/1/60	4.8 x 8.0	1.6	5/8	3/8	15.0	65.5	**943.54**
M63B153DBLB	12,300	208-230/3/60	4.8 x 8.0	1.6	5/8	3/8	15.0	63.8	**1222.86**
M63B153DBVB	12,300	460/3/60	4.8 x 8.0	1.6	5/8	3/8	15.0	63.8	**1233.82**
M63B203BBCB	16,100	208-230/1/60	4.8 x 8.0	2 1/4	5/8	3/8	15	64.5	**960.58**
M63B203DBDB	15,800	208-230/3/60	4.8 x 8.0	2 1/4	5/8	3/8	15	66.5	**1233.22**
M63A243BBCA	20,600	208-230/1/60	7.5 x 7.5	2.6	3/4	1/2	15	85.0	**1441.36**
M63A243DBLA	20,500	208-230/3/60	7.5 x 7.5	2.6	3/4	1/2	15	78.5	**1474.80**
M63A243DBVA	20,500	460/3/60	7.5 x 7.5	2.6	3/4	1/2	15	78.5	**1474.80**
M63A273BBCA	22,300	208-230/1/60	7.5 x 7.5	3	3/4	1/2	17	85.0	**1457.26**
M63A273DBDA	22,400	208-230/3/60	7.5 x 7.5	3	3/4	1/2	17	84.0	**1557.14**
M63A323BBCA	25,500	208-230/1/60	7.5 x 7.5	3 1/2	3/4	1/2	17	92.0	**1457.50**
M63A323DBLA	25,700	208-230/3/60	7.5 x 7.5	3 1/2	3/4	1/2	17	84.0	**1554.74**
M63A323DBVA	25,700	460/3/60	7.5 x 7.5	3 1/2	3/4	1/2	17	84.0	**1554.74**

L63 SERIES, LOW TEMP, R404A

• Capacity: R404A, -10°F evaporator, 120°F condensing, 95°F ambient, 120°F liquid, 40°F return gas

BRISTOL COMPRESSORS

Part No.	Capacity -10°F (BTUH)	HP	Voltage	Mount (In.)	Dimensions (In.) L	W	H	Connections (In.) Suction	Discharge	Ship Wgt. (Lbs.)	Price
L63B562DBLB	3,400	1	208-230/3/60	4.8 x 8.0	13	12.5	13	5/8	3/8	64.5	1214.12
L63B562DBVB	3,400	1	460/3/60	4.8 x 8.0	13	12.5	13	5/8	3/8	58.5	1214.12
L63B652BBCB	4,600	1 1/2	208-230/1/60	4.8 x 8.0	13	12.5	15	5/8	3/8	64.5	1013.78
L63B652DBLB	4,400	1 1/2	208-230/3/60	4.8 x 8.0	13	12.5	15	5/8	3/8	64.5	1183.26
L63B652DBVB	4,400	1 1/2	460/3/60	4.8 x 8.0	13	12.5	15	5/8	3/8	59.5	1183.26
L63B752BBCB	5,400	2	208-230/1/60	4.8 x 8.0	13	12.5	15	5/8	3/8	64.5	1014.20
L63B752DBLB	5,500	2	208-230/3/60	4.8 x 8.0	13	12.5	15	5/8	3/8	59.5	1165.28
L63B752DBVB	5,500	2	460/3/60	4.8 x 8.0	13	12.5	15	5/8	3/8	59.5	1165.28
L63A113BBCA	7,700	3	208-230/1/60	7.5 x 7.5	13	12.5	17	3/4	1/2	75.5	1169.84
L63A113DBLA	7,700	3	200-230/3/60	7.5 x 7.5	13	12.5	17	3/4	1/2	75.5	1204.56
L63A113DBEA	7,700	3	460/3/60	7.5 x 7.5	13	12.5	17	3/4	1/2	74.5	1314.30
L63A183BBCA	13,300	4	208-230/1/60	7.5 x 7.5	13	12.5	17	3/4	1/2	77.5	1215.28
L63A183DBDA	13,200	4	208-230/3/60	7.5 x 7.5	13	12.5	17	3/4	1/2	77.5	1340.40
L63A183DBEA	13,200	4	460/3/60	7.5 x 7.5	13	12.5	17	3/4	1/2	77.5	1340.40

H7 SERIES, SINGLE SPEED R407C

These high capacity compressors serve as replacement in large R22/R407C air conditioning condensing and package units. Model H7BG does not require protection modules.

- Order modules for H7NG units separately.
- Rotolock connections
- Capacity rated: 45°F evaporator; 130°F condensing
- **RL** connection requires valves or adapters, not provided

BRISTOL COMPRESSORS

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Connections (In.) Suction	Discharge	Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
H7BG094DBDE	80000	7 1/2	208-230/3/60	24	1 3/4 RL	1 1/4 RL	9.5 x 9.5	17.59	138	☎
H7BG094DBEE	80000	7 1/2	460/3/60	12.3	1 3/4 RL	1 1/4 RL	9.5 x 9.5	17.59	138	☎
H7BG104DBDE	91900	9	208-230/3/60	29.3	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	153	☎
H7BG104DBEE	93500	9	460/3/60	14.6	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	153	☎
H7BG124DBDE	107500	10	208-230/3/60	36.0	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	155	☎
H7BG124DBEE	107500	10	460/3/60	17.0	1 3/4 RL	1 1/4 RL	9.5 x 9.5	18.34	146	☎
H7NG184DPDF	165700	15	208-230/3/60	51.8	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	253	☎
H7NG184DPEF	165700	15	460/3/60	25.9	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	253	☎
H7NG204FRDF	188000	17	208-230/3/60	60	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	260	☎
H7NG204DREF	190300	17	460/3/60	30.0	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	260	☎
H7NG244FRDF	223200	20	208-230/3/60	73.1	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	269	☎
H7NG244DREF	223200	20	460/3/60	36.6	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	269	☎
H7NG294FPDF	254400	24	208-230/3/60	87.7	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	280	☎
H7NG294DPEF	254400	24	460/3/60	43.9	1 3/4 RL	1 1/4 RL	10.5 x 10.5	21.75	280	☎

At United Refrigeration, our people make the difference. Ongoing training combined with years of experience is what makes our people the best in the business!

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

RECIPROCATING COMPRESSOR

H22A

H22 SERIES, R407C R22

These hermetic air conditioning, R22 compressors are standard in many OEM condensing and package units. They replace compressors of other manufacturers with similar performance characteristics.

- **Run capacitor** required, not provided

BRISTOL COMPRESSORS

Part No.	Capacity (BTUH)	HP	Refrig.	Oil	Voltage	RLA (Amps)	Run Capacitor (µf x Voltage)	Connections (In.) Suction	Connections (In.) Discharge	Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
H22J133ABCAP	13300	1	R22, R407C	POE	208-230/1/60	6.0	**30 x 370**	3/4	1/2	7.5 x 7.5	13.25	63	**782.00**
H22J153ABCAP	15500	1 1/4	R22, R407C	POE	208-230/1/60	6.7	**30 x 370**	3/4	1/2	7.5 x 7.5	13.25	63	**654.94**
H2EB18SABCA	17600	1 1/4	R22	MIN	208-230/1/60	10.2	**25 x 370**	5/8	3/8	7.5 x 7.5	12.5	53.3	**625.66**
H2EB18SABCB	17600	1 1/4	R22	MIN	208-230/1/60	10.2	**25 x 370**	5/8	3/8	4.8 x 8.0	13.5	53.5	**625.66**
H22J183ABCAP	18300	1 1/2	R22, R407C	POE	208-230/1/60	7.4	**30 x 370**	3/4	1/2	7.5 x 7.5	13.25	63	**661.92**
H2EB223ABCA	22000	2	R22	MIN	208-230/1/60	12.1	**25 x 370**	5/8	3/8	7.5 x 7.5	13.5	56.6	**638.00**
H22J223ABCAP	22600	2	R22, R407C	POE	208-230/1/60	9.6	**30 x 370**	3/4	1/2	7.5 x 7.5	13.25	64.5	**698.58**
H2EB24SABCA	23600	2	R22	MIN	208-230/1/60	13	**30 x 370**	3/4	1/2	7.5 x 7.5	13.1	57	**658.14**
H2EB24SABCB	23600	2	R22	MIN	208-230/1/60	13	**30 x 370**	5/8	3/8	4.8 x 8.0	13.1	57	**658.14**
H22J253ABCAP	24200	2	R22, R407C	POE	208-230/1/60	9.6	**35 x 370**	3/4	1/2	7.5 x 7.5	13.75	67	**708.76**
H22J293DBVAP	27800	2 1/4	R22, R407C	POE	380-460/3/60	4.1	—	3/4	1/2	7.5 x 7.5	13.75	67.5	**1100.80**
H22J293DBLAP	28000	2 1/4	R22, R407C	POE	200-230/3/60	7.8	—	3/4	1/2	7.5 x 7.5	13.75	67.5	**975.92**
H2EB283ABCB	28059	2 1/4	R22	MIN	208-230/1/60	13.9	**45 x 370**	5/8	3/8	4.8 x 8.0	13.5	63	**850.60**
H2EB28SABCA	28300	2 1/4	R22	MIN	208-230/1/60	14.9	**45 x 370**	5/8	3/8	7.5 x 7.5	12.7	59	**670.16**
H22J293ABCAP	28800	2 1/4	R22, R407C	POE	208-230/1/60	11.8	**35 x 370**	3/4	1/2	7.5 x 7.5	13.75	67	**695.50**
H2EB32SABCA	31500	2 1/2	R22	MIN	208-230/1/60	15.7	45 x 440	3/4	1/2	7.5 x 7.5	14.5	84	**775.78**
H22J333DBVAP	31600	2 1/2	R22, R407C	POE	380-460/3/60	4.5	—	3/4	1/2	7.5 x 7.5	14.25	71	**1063.26**
H22J333ABCAP	31900	2 1/2	R22, R407C	POE	208-230/1/60	13.0	**40 x 370**	3/4	1/2	7.5 x 7.5	14.25	70	**789.86**
H22J333DBLAP	32400	2 1/2	R22, R407C	POE	200-230/3/60	9.0	—	3/4	1/2	7.5 x 7.5	14.25	71	**987.30**
H22J363DBVAP	34400	3	R22, R407C	POE	380-460/3/60	9.6	—	3/4	1/2	7.5 x 7.5	14.2	75	**1047.54**
H22J363DBLAP	35000	3	R22, R407C	POE	208-230/3/60	9.6	—	3/4	1/2	7.5 x 7.5	14.2	71	**995.74**
H22J363ABCAP	35700	3	R22, R407C	POE	208-230/1/60	14.4	**45 x 370**	3/4	1/2	7.5 x 7.5	14.25	70	**823.94**
H22J383DBLAP	37500	3 1/4	R22, R407C	POE	208-230/3/60	10.2	—	3/4	1/2	7.5 x 7.5	15.5	80	**997.62**
H22J383DBVAP	37,500	3 1/4	R22, R407C	POE	380-460/3/60	5	—	3/4	1/2	7.5 x 7.5	15.5	84	**1056.30**
H22J383ABCAP	37800	3 1/4	R22, R407C	POE	208-230/1/60	14.9	**45 x 370**	3/4	1/2	7.5 x 7.5	15.5	84	**838.60**
H22J413DBEAP	40400	3 1/2	R22, R407C	POE	460/3/60	5.4	—	3/4	1/2	7.5 x 7.5	15.5	80	**1059.56**
H22J413DBLAP	40500	3 1/2	R22, R407C	POE	208-230/3/60	11	—	3/4	1/2	7.5 x 7.5	15.5	80	**988.56**
H22J413ABCAP	40900	3 1/2	R22, R407C	POE	208-230/1/60	17.1	**50 x 370**	3/4	1/2	7.5 x 7.5	15.5	84	**850.96**
H22J443DBDAP	44100	4	R22, R407C	POE	208-230/3/60	11.7	—	3/4	1/2	7.5 x 7.5	15.5	80	**1091.26**
H22J443DBEAP	44100	4	R22, R407C	POE	460/3/60	5.8	—	3/4	1/2	7.5 x 7.5	15.5	80	**1076.76**
H22J443ABCAP	44300	4	R22, R407C	POE	208-230/1/60	17.8	**65 x 370**	3/4	1/2	7.5 x 7.5	15.5	84	**900.54**
H22A503ABCAP	49000	4	R22, R407C	POE	208-230/1/60	22.3	**40 x 440**	7/8	1/2	7.5 x 7.5	16.1	92	**1047.04**
H22A543ABCAP	53400	4 1/2	R22, R407C	POE	208-230/1/60	24.4	**45 x 440**	7/8	1/2	7.5 x 7.5	16.1	92	**1073.96**
H22A543DBLAP	53400	4 1/2	R22, R407C	POE	208-230/3/60	14.5	—	7/8	1/2	7.5 x 7.5	16.1	84	**1180.02**
H22A543DBEAP	53400	4 1/2	R22, R407C	POE	460/3/60	7.5	—	7/8	1/2	7.5 x 7.5	16.1	84	**1307.00**
H22A563DBLAP	55600	5	R22, R407C	POE	208-230/3/60	15.3	—	7/8	1/2	7.5 x 7.5	16.2	87.5	**1226.96**
H22A583ABCAP	57100	5	R22, R407C	POE	208-230/1/60	26.6	**55 x 440**	7/8	1/2	7.5 x 7.5	16.1	97.5	**1111.92**
H22A583DBEAP	58400	5	R22, R407C	POE	460/3/60	7.9	—	7/8	1/2	7.5 x 7.5	16.2	87.5	**1232.92**
H22A623DBLAP	60800	5	R22, R407C	POE	200-230/3/60	17	—	7/8	1/2	7.5 x 7.5	16.1	88	**1237.84**
H22A623ABCAP	60800	5	R22, R407C	POE	208-230/1/60	28.2	**55 x 440**	7/8	1/2	7.5 x 7.5	16.1	98	**1180.86**
H22A623DBEAP	60800	5	R22, R407C	POE	460/3/60	8.5	—	7/8	1/2	7.5 x 7.5	16.1	88	**1277.38**

*65 x 370 capacitor is not normally available; 70 x 370 is within acceptable limits

H92G SERIES, SINGLE SPEED, R407C R22

- POE oil
- Capacity rated: 45°F evaporator; 130°F condensing
- **RL** connection requires valves or adapters, not provided

BRISTOL COMPRESSORS

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Connections (In.) Suction	Connections (In.) Discharge	Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
H92G094DBDE-R	83,900	7 1/2	208-230/3/60	24.0	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	17.906	150.00	**4106.16**
H92G094DBEE-R	83,900	7 1/2	460/3/60	12.3	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	17.906	150.00	**4614.56**
H92G104DBDE-R	98,000	9	208-230/3/60	29.3	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	18.656	150.00	**4721.72**
H92G104DBEE-R	112,800	9	460/3/60	14.6	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	18.656	150.00	**4716.68**
H92G124DBDE-R	119,400	10	208-230/3/60	36.0	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	18.656	150.00	**5209.70**
H92G144DBDE-R	135,000	12	208-230/3/60	43.1	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	20.896	252.00	**6038.80**
H92G144DBEE-R	135,000	12	460/3/60	20.1	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	20.896	252.00	**6087.28**
H92G184DPDF-R	173,800	15	208-230/3/60	51.8	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	259.00	**9037.38**
H92G184DPEF-R	173,800	15	460/3/60	25.9	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	259.00	**9036.98**
H92G184DPEF-S	173,800	15	460/3/60	25.9	1 1/8	1 1/8	10.5 x 10.5	22.406	259.00	**8985.74**
H92G204FRDF-R	199,600	17	208-230/3/60	60.0	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	259.00	**8960.28**
H92G204DREF-R	199,600	17	460/3/60	30.0	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	272.00	**8890.08**
H92G244FRDF-R	234,200	20	208-230/3/60	73.1	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	272.00	**9152.48**
H92G244DREF-R	234,200	20	460/3/60	36.6	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	272.00	**9181.74**
H92G244DREF-S	234,200	20	460/3/60	36.6	1 1/8	1 1/8	10.5 x 10.5	22.406	272.00	**9135.70**
H92G294FPDF-R	266,800	25	208-230/3/60	87.7	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	292.00	**9513.34**
H92G294DPEF-R	266,800	25	460/3/60	43.9	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	292.00	**9516.52**

H92G SERIES, DUAL SPEED, R407C R22

BRISTOL COMPRESSORS

Part No.	Capacity (BTUH)	HP	Voltage	RLA (Amps)	Connections (In.) Suction	Connections (In.) Discharge	Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
H92G094GPDE-R	87,700	7 1/2	208-230/3/60	25.3	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	17.406	150.00	**5855.88**
H92G094GPEE-R	96,400	7 1/2	460/3/60	12.7	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	17.406	150.00	**5855.88**
H92G124GPDE-R	119,400	10	208-230/3/60	36.2	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	18.156	150.00	**7089.40**
H92G124GPEE-R	119,400	10	460/3/60	18.1	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	18.156	252.00	**7089.40**
H92G184GPDF-R	182,300	15	208-230/3/60	51.3	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	259.00	**9605.32**
H92G184GPEF-R	182,300	15	460/3/60	25.6	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	259.00	**9605.30**
H92G204GPEF-R	212,400	17	460/3/60	—	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	272.00	**8238.64**
H92G244GPDF-R	253,300	20	208-230/3/60	73.1	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	272.00	**10417.30**
H92G244GPEF-R	253,300	20	460/3/60	36.6	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	272.00	**10417.30**

To view the most current

BRISTOL COMPRESSORS

information

please check www.uri.com

RECIPROCATING COMPRESSOR

H22G DUAL SPEED, R22

- Basic H22G shell with 50% unloading capacity
- Rated load amps shown for high speed only
- Rotolock connections
- Order protection modules for H22G series separately
- Capacity rated: 45°F evaporator; 130°F condensing
- **RL** connection requires valves or adapters, not provided

BRISTOL COMPRESSORS

Part No.	Capacity Hi/Lo (BTUH)	HP	Voltage	RLA (Amps)	Connection Suction	Connection Discharge	Quad Mount (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
H22G104GPDE-R	101,800/45,700	9	208-230/3/60	30.0	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	18.156	166	☎
H22G104GPEE-R	101,800/45,700	9	460/3/60	15.0	**1 3/4 RL**	**1 1/4 RL**	9.5 x 9.5	18.156	166	☎
H22G204GPDF-R	212,400/97,200	17	208-230/3/60	60.0	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	259	☎
H22G204GPEF-R	212,400/97,200	17	460/3/60	24.0	**1 3/4 RL**	**1 1/4 RL**	10.5 x 10.5	22.406	259	☎

H2N PROTECTION MODULE

- Provides overheat protection to motor circuits
- Integral restart time delay
- Protection modules required for H2NG, H22G compressors
- All H2NG and H7NG compressors will be converted to Kriwan motor protection sensors

BRISTOL COMPRESSORS

Part No.	Control Voltage (Vac)	Use With	Price
241774	115/230	094-124	**416.32**
241772	24	094-124	**548.80**
241771	115/230	144-294, H22G094-294	**506.60**

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

EM SERIES

Embraco mini compact compressor. Popular with OEMs for its low sound and vibration levels and high efficiency.

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Part No.	Capacity (BTUH) -10°F	+20°F	+45°F	Refrig.	HP	Voltage	Mount (In.)	Connections (In.) Suction	Discharge	Height (In.)	Ship Wgt. (Lbs.)	Price
EMIS30HHR1	340	742	1480	R134a	1/10	115/1/60	6.5 x 4.0	1/4	5/16	8	18.5	**243.56**
EM45HHR1	420	972	1775	R134a	1/8	115/1/60	6.5 x 4.0	1/4	3/16	8	18.5	**249.10**
EMIS70HHR1	700	1601	2870	R134a	1/5	115/1/60	6.5 x 4.0	1/4	1/4	8	20.0	**305.32**
EMI55HER1	510	—	—	R134a	1/6	115/1/60	6.5 x 4.0	1/4	3/16	8	19.0	**265.32**
EMI60HER1	570	—	—	R134a	1/6	115/1/60	6.5 x 4.0	1/4	1/4	8	19.0	**272.96**
EMI45ER1	485	—	—	R12	1/8	115/1/60	6.5 x 4.0	1/4	3/16	8	19.0	**244.40**
EMI55ER1	570	—	—	R12	1/6	115/1/60	6.5 x 4.0	1/4	3/16	8	19.0	**252.12**

FFI12HBX1

FF SERIES

embraco

	Capacity (BTUH) -10°F	+20°F	+45°F	HP	Refrig.	Voltage	Connections (In.) Suction	Discharge	Ship Wgt. (Lbs.)	Price
FF7.5HBK1	630	1620	2760	1/7	R134a	115/1/60	1/4 S	1/4 S	23.9	**311.50**
FF8.5HBK1	740	1745	3135	1/5	R134a	115/1/60	1/4 S	1/4 S	23.9	**316.24**
FF8.5BK1	850	1760	3080	1/5+	R12	115/1/60	1/4 S	1/4 S	23	**283.70**
FFC60BK1	756	1490	2791	1/5+	R12	115/1/60	5/16 S	1/4 S	26	**283.20**
FF10BK1	915	1895	3240	1/4+	R12	115/1/60	5/16 S	1/4 S	26.0	**287.68**
FF10BKW1	915	1900	3240	1/4	R12	115/1/60	1/4 S	1/4 S	23.9	**287.68**
FF10BX1	915	1900	3240	1/4	R12	115/1/60	1/4 S	1/4 S	23.9	**304.84**
FF10HBK1	840	2000	3530	1/4	R134a	115/1/60	1/4 S	1/4 S	24.1	**322.82**
FF10HBX1	840	—	3650	1/4	R134a	115/1/60	1/4 S	1/4 S	24.4	**332.50**
FF10HBX1-BULK	840	—	3650	1/4	R134a	115/1/60	1/4 S	1/4 S	32	**226.28**
FF11.5BK1	1130	1890	4000	1/4	R12	115/1/60	1/4 S	1/4 S	25.4	**299.82**
FFI10HBX1	1065	N/A	N/A	1/3	R134a	115/1/60	5/16 S	1/4 S	25.5	**349.36**
FFI10HBX1-BULK	1065	N/A	N/A	1/3	R134a	115/1/60	5/16 S	1/4 S	24	**226.28**
FFI12BX	1350	2140	4840	1/3	R12	115/1/60	1/4 S	1/4 S	26.8	**331.02**
FFI12BX1	1350	2140	4840	1/3	R12	115/1/60	1/4 S	1/4 S	28	**331.02**
FFI12HBX1	1350	2140	4840	1/3	R12	115/1/60	1/4 S	1/4 S	25	**370.64**
FFI12HBX1-BULK	1350	2140	4840	1/3	R12	115/1/60	1/4 S	1/4 S	27	**227.20**
FFU130HAX[1]	1250	2692	—	1/3+	R134a	115/1/60	5/16 S	1/4 S	26.8	**457.10**

[1]High Efficiency

More than 50,000 items in stock
and available for immediate shipment

HERMETIC RECIPROCATING COMPRESSOR

NEK6187Z1

NEK SERIES

Replacements for Trenton fractional condensing units and other compressors with similar operating properties

embraco

Part No.	HP	Capacity (BTUH) +45°F	Voltage	Refrigerant	Quad Mount (In.)	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
High Temp									
NEK6132Z1	1/6	1762	115/1/60	R134a	6.5 x 4.0	5/16 S	1/4 S	24.0	**386.28**
NEK6144Z1	1/6+	2183	115/1/60	R134a	6.5 x 4.0	5/16 S	1/4 S	24.5	**406.00**
NEK6170Z1	1/4+	3324	115/1/60	R134a	6.4 x 4.0	5/16 S	1/4 S	22.9	**421.96**
NEK6187Z1	1/3+	3830	115/1/60	R134a	6.4 x 4.0	5/16 S	1/4 S	24.2	**431.66**
NEK6181GK1	1/3	4255	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	22.9	**445.94**
NEK6181GK2	1/3+	4255	208-230/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	25.0	**412.50**
NEK6210GK1	1/2	5501	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	24.3	**459.88**
NEK6210GK2	1/2	5355	208-230/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	27.5	**427.68**
NEK6210Z1	1/3+	4529	115/1/60	R134a	6.5 x 4.0	5/16 S	1/4 S	24.3	**455.90**
NEK6213GK1	1/2+	7054	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	25.6	**480.96**
NEK6213GK2	1/2+	6660	208-230/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	28.5	**446.64**
NEK6214Z2	3/4	5960	208-230/1/60	R134a	6.5 x 4.0	5/16 S	1/4 S	27.5	**514.04**
Low Temp		**-10°F**							
NEK2121GK1	1/3	1212	115/1/60	R404A	6.5 x 4.0	3/8 S	1/4 S	22.9	**445.50**
NEK2125GK1	1/3+	1458	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	25.0	**454.12**
NEK2140Z1	1/2	1706	115/1/60	R134a	6.5 x 4.0	5/16 S	1/4 S	26.5	**462.58**
NEK2134GK1	1/2	1948	115/1/60	R404A	6.4 x 4.0	5/16 S	1/4 S	24.2	**490.86**
NEK2134GK2	1/2	1948	208-230/1/60	R404A	6.4 x 4.0	5/16 S	1/4 S	27.5	**480.36**
NEK2150GK1	1/2+	2362	115/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	25.6	**511.32**
NEK2150GK2	1/2+	2493	208-230/1/60	R404A	6.5 x 4.0	5/16 S	1/4 S	27.5	**481.54**

NJ SERIES

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Part No.	Capacity (BTUH) -10°F	+10°F	+20°F	+45°F	HP	Refrig.	Voltage	Connections (In.) Suction	Connections (In.) Discharge	Ship Wgt. (Lbs.)	Price
High Temp											
NJ6220Z1	—	—	5343	10170	1	R134a	115/1/60	3/8 S	1/4 S	46.5	**906.52**
NJ6220Z2	—	—	5343	10170	1	R134a	208-230/1/60	3/8 S	1/4 S	46.5	**874.36**
NJ9226GK2	—	—	7300 ARI	—	1+	R404A	208-230/1/60	3/8 S	5/16 S	50.0	**874.36**
NJ9232E2	—	—	7943	13984	1 1/4	R22	208-230/1/60	1/2 S	5/16 S	51.0	**771.50**
Low Temp											
NJ2192GK1	4491	6890	—	—	1 1/2	R404A	115/1/60	1/2 S	1/4 S	53.3	**988.06**
NJ2192GJ2	4775	—	—	—	1 1/4	R404A	208-230/1/60	1/2 S	5/16 S	50.0	**974.22**
NJ2212GK1	5897	9074	—	—	3/4	R404A	115/1/60	1/2 S	1/4 S	53.3	**1001.60**
NJ2212GJ2	5897	9074	—	—	1	R410A	208-230/1/60	1/2 S	1/4 S	53.3	**987.72**
A/C											
NJ7225F2	—	—	—	11520	1	R22	208-230/1/60	3/8 S	1/4 S	44.5	**717.34**
NJ7231F2	—	—	—	14394	1 1/4	R22	208-230/1/60	3/8 S	5/16 S	47.0	**785.04**
NJ7238E2	—	—	—	17676	1 1/2	R22	208-230/1/60	1/2 S	5/16 S	51.0	**798.58**
NJ7240F2	—	—	—	19366	1 1/2	R22	208-230/1/60	1/2 S	5/16 S	50.5	**809.38**

NT SERIES

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Part No.	Capacity (BTUH) -10°F	+20°F	+45°F	HP	Refrig.	Voltage	Connections (In.) Suction	Discharge	Ship Wgt. (Lbs.)	Price
High Temp										
NT6215Z1	—	3673	6626	1/2+	R134a	115/1/60	3/8	1/4	39.5	**623.08**
NT6215Z2	—	3673	6626	1/2+	R134a	208-230/1/60	3/8	1/4	39.5	**605.36**
NT6217Z1	—	3900	7630	3/4	R134a	115/1/60	3/8	1/4	32.1	**687.58**
NT6217Z2	—	3900	7630	3/4	R134a	208-230/1/60	3/8	1/4	32.1	**655.10**
NT6217GKV1	—	4369	7380	3/4	R404A	115/1/60	3/8	1/4	39.5	**733.70**
NT6217GKV2	—	4369	7380	3/4	R404A	208-230/1/60	3/8	1/4	39.5	**640.08**
NT6220GKV1	—	4993	8464	3/4	R404A	115/1/60	3/8	1/4	40.0	**746.00**
NT6220GKV2	—	4993	8464	3/4	R404A	208-230/1/60	3/8	1/4	40.0	**666.16**
NT6220Z1	—	5000	8414	1	R134a	115/1/60	3/8	1/4	40.0	**746.86**
NT6220Z2	—	5000	8414	1	R134a	208-230/1/60	3/8	1/4	40.0	**679.70**
NT6222GKV1	—	6230	10376	1	R404A	115/1/60	3/8	1/4	40.0	**781.62**
NT6222GKV2	—	6230	10376	1	R404A	208-230/1/60	3/8	1/4	40.0	**752.28**
NT6224GKV1	—	6066	12326	1	R404A	115/1/60	3/8	1/4	40.0	**871.66**
NT6224GKV2	—	6066	12326	1	R404A	208-230/1/60	3/8	1/4	40.0	**766.62**
NT6226GKV1	—	8048	13258	1 +	R404A	115/1/60	3/8	1/4	40.5	**887.90**
NT6226GKV2	—	8048	13258	1 +	R404A	208-230/1/60	3/8	1/4	40.5	**800.40**
Low Temp										
NT2134Z1	1595	—	—	1/2	R134a	115/1/60	3/8	1/4	26.5	**454.98**
NT2168GK1	2700	—	—	3/4	R404A	115/1/60	3/8	1/4	39.9	**754.96**
NT2168GK2	2700	—	—	3/4	R404A	208-230/1/60	3/8	1/4	39.9	**726.30**
NT2180GKV2	3822	—	—	1	R404A	208-230/1/60	3/8	1/4	40.5	**738.22**
NT2180GK1	3870	—	—	1	R134a	115/1/60	3/8	1/4	40.0	**778.28**
NT2180GK2	3870	—	—	1	R134a	208-230/1/60	3/8	1/4	42.0	**738.22**
NT2192GKV1	4200	—	—	1 1/4	R404A	115/1/60	3/8	1/4	40.5	**824.98**
NT2192GKV2	4200	—	—	1 1/4	R404A	208-230/1/60	3/8	1/4	40.5	**783.02**
NT2212GKV1	5700	—	—	1/3	R134a	115/1/60	3/8	1/4	52.0	**890.06**
NT2212GKV2	5700	—	—	1/2	R134a	208-230/1/60	3/8	1/4	52.0	**865.12**
High Efficiency										
NTU6232GKV2	—	7127 ARI	—	1+	R404A	208-230/1/60	1/2	3/8	42.0	**836.40**
NTU6238GKV1	—	9379 ARI	—	1 1/2	R404A	115/1/60	1/2	3/8	42.5	**889.66**
NTU6238GKV2	—	9379 ARI	—	1 1/2	R404A	208-230/1/60	1/2	3/8	42.5	**827.32**
NTU6240GKV2	—	9759 ARI	—	1 1/2	R404A	208-230/1/60	1/2	3/8	42.5	**918.70**

Over 70 years of experience
specializing in refrigeration and HVAC products

SEMI-HERMETIC COMPRESSOR

NOMENCLATURE

6B4060PH-2NU-Y2

- Motor Voltage
- **Motor Type**
  - H = High Temp
  - L = Low Temp
- **Oil Management**
  - P = Oil Pump
  - S = Centrifugal Disk
- **Displacement (CFH@60Hz)**
- **Design**
  - B= Traditional
  - C = Octagon Series
- **Number of Cylinders**
- **Oil Charge and Cylinder Head Designations**
  - **BLANK** = No Oil, No Unloader Heads
  - **-D1** = No Oil (Dry), 1 Unloader Head
  - **-D2** = No Oil(Dry), 2 Unloader Heads
  - **-A** = B5.2 Alkylbenzene Oil, No Unloader Heads
  - **-A1** = B5.2 Alkylbenzene Oil, 1 Unloader Head
  - **-A2** = B5.2 Alkylbenzene Oil, 2 Unloader Heads
  - **-Y** = BSE32 Polyolester Oil, No Unloader Heads
  - **-Y1**= BSE32 Polyolester Oil, 1 Unloader Head
  - **-Y2** = BSE32 Polyolester Oil, 2 Unloader Heads

***Please Note: N.B suffix is not displayed on the data tab**

BITZER SEMI-HERMETIC COMPRESSOR

C1 to C8 Series

- One compressor version for R134a, R404A, R507A, R407C, R22 refrigerants (with oil change
- Wide application range
- High cooling capacity and minimal energy requirements through efficient valves, minimal dead space, efficient large volume motor
- Quiet, minimal vibration through optimised mass balance, integrated pulsation mufflers (C2 to B6 series)
- Solid valve plate design
- Thermal motor monitoring PTC sensors

C1 to C4 Octagons

- PTFE coated bearings
- Extremely low height
- Shut off valves within compressor contour (C1 to C3)
- Easy switching from suction gas cooling to air cooling at the same connection (C1 to C3)

2 CYLINDER, HIGH TEMP, LESS OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
2C0173SH-2EU	2KES052DU0D	1/2	208-230/1/60	—	Dry	35	14	8	10	95	2731.00
2C0173SH-2DU	2KES052DU0D	1/2	208-230/3/60	5.5	Dry	35	14	8	10	95	2731.00
2C0173SH-4SU	2KES054SU0D	1/2	460/3/60	2.8	Dry	35	14	8	10	95	2731.00
2C0222SH-2EU	—	3/4	208-230/1/60	—	Dry	35	14	8	10	103	☎
2C0222SH-2DU	2JES072DU0D	3/4	208-230/3/60	7.1	Dry	35	14	8	10	103	2800.00
2C0222SH-4SU	2JES074SU0D	3/4	460/3/60	3.6	Dry	35	14	8	10	103	2800.00
2C0278SH-2EU	—	2	208-230/1/60	—	Dry	35	15	8	10	120	☎
2C0278SH-2DU	2HES22DU0D	2	208-230/3/60	8.7	Dry	35	15	8	10	120	2977.00
2C0278SH-4SU	2HES24SU0D	2	460/3/60	4.4	Dry	35	15	8	10	120	2977.00
2C0323SH-2EU	—	2	208-230/1/60	—	Dry	35	15	8	10	120	☎
2C0323SH-2DU	2GES22DU0D	2	208-230/3/60	9.5	Dry	35	15	8	10	120	3049.00
2C0323SH-4SU	2GES24SU0D	2	460/3/60	4.8	Dry	35	15	8	10	120	3049.00
2C0407SH-2DU	2FES32DU0D	3	208-230/3/60	11.8	Dry	35	14	12	14	104	3721.00
2C0407SH-4SU	2FES34SU0D	3	460/3/60	5.9	Dry	35	14	12	14	104	3721.00

Continued on next page

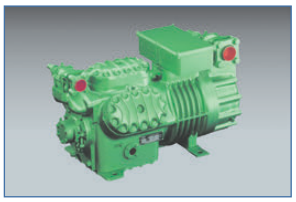
2 CYLINDER, HIGH TEMP, LESS OIL (Cont'd.)

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
2C0484SH-2EU	—	3	208-230/1/60	—	Dry	53	16	12	15	155	☎
2C0484SH-2DU	2EES32DU0D	3	208-230/3/60	14.1	Dry	53	16	12	15	155	4885.00
2C0484SH-4SU	2EES34SU0D	3	460/3/60	7.0	Dry	53	16	12	15	155	4885.00
2C0572SH-2EU	—	3	208-230/1/60	—	Dry	53	16	12	15	155	☎
2C0572SH-2DU	2DES32DU0D	3	208-230/3/60	15.8	Dry	53	16	12	15	155	4907.00
2C0572SH-4SU	2DES34SU0D	3	460/3/60	7.9	Dry	53	16	12	15	155	4907.00
2C0692SH-2DU	2CES42DU0D	4	208-230/3/60	19.0	Dry	53	16	16	15	167	5102.00
2C0692SH-4SU	2CES44SU0D	4	460/3/60	9.5	Dry	53	16	16	15	167	5102.00

4 CYLINDER, HIGH TEMP, LESS OIL

- D1 models include 1 bank unloading

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4C0770SH-2DU	4FES52DU0D	5	208-230/3/60	21.8	Dry	70	18	16	16	190	5882.00
4C0770SH-4SU	4FES54SU0D	5	460/3/60	10.9	Dry	70	18	16	16	190	5882.00
4C0969SH-2DU	4EES62DU0D	6	208-230/3/60	26.7	Dry	70	18	16	16	190	6258.00
4C0969SH-4SU	4EES64SU0D	6	460/3/60	13.4	Dry	70	18	16	16	190	6258.00
4C1145SH-2DU	4DES72DU0D	7	208-230/3/60	31.9	Dry	70	20	16	16	205	7233.00
4C1145SH-4SU	4DES74SU0D	7	460/3/60	15.9	Dry	70	20	16	16	205	7233.00
4C1385SH-2DU	4CES92DU0D	9	208-230/3/60	40.0	Dry	70	20	16	18	200	7660.00
4C1385SH-4SU	4CES94SU0D	9	460/3/60	20.0	Dry	70	20	16	18	200	7660.00
4C1480PH-2NU	4VE102NU0D	10	230-460/3/60	37.2/18.6	Dry	92	28	24	24	315	7989.00
4C1761PH-2NU	4TE122NU1D	12	230-460/3/60	45.8/22.9	Dry	92	28	24	24	326	8155.00
4C2067PH-2NU-D1	4PE152NU1D	15	230-460/3/60	53.4/26.7	Dry	92	28	24	24	345	8794.00
4C2397PH-2NU-D1	4NE202NU1D	20	230-460/3/60	63.6/31.8	Dry	92	28	24	24	337	10785.00
4B2707PH-2NU	4JE222NU1D	22	230-460/3/60	69.8/34.9	Dry	141	28	24	24	419	12039.00
4B2707PH-2NU-D1	4HE252NU1D	22	230-460/3/60	69.8/34.9	Dry	141	28	24	24	419	13361.00
4B3139PH-2NU-D1	4GE302NU1D	25	230-460/3/60	80.8/40.4	Dry	141	28	24	24	448	14427.00
4B3604PH-2NU-D1	4JE222NU0D	30	230-460/3/60	98.4/49.2	Dry	158	28	24	24	454	11956.00



6, 8 CYLINDER, HIGH TEMP, LESS OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6B4060PH-2NU-D2	—	33	230-460/3/60	105.0/52.6	Dry	167	32	26	26	509	☎
6B4709PH-2NU-D2	—	35	230-460/3/60	123.0/61.6	Dry	167	32	26	26	518	☎
6B5406PH-2NU-D2	6GE402NU2D	40	230-460/3/60	150.0/75.1	Dry	167	32	26	26	525	18159.00
6B5406PH-4PU-D2	—	40	460/3/60	75.1	Dry	167	32	26	26	525	☎
6B6462PH-2NU-D2	—	50	230-460/3/60	182.0/91.0	Dry	167	32	26	26	550	☎
8C7863PH-2PU-D2	—	60	208-230/3/60	226.0	Dry	176	36	28	28	772	☎
8C7863PH-4PU-D2	—	60	460/3/60	113.0	Dry	176	36	28	28	772	☎
8C9400PH-2PU-D2	—	70	208-230/3/60	278.0	Dry	176	36	28	28	876	☎
8C9400PH-4PU-D2	—	70	460/3/60	139.0	Dry	176	36	28	28	876	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

SEMI-HERMETIC COMPRESSOR

2 CYLINDER, LOW TEMP, LESS OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
2C0278SL-2EU	—	1	208-230/1/60	—	Dry	35	15	8	10	120	☎
2C0278SL-2DU	2HES12DU0D	1	208-230/3/60	6.8	Dry	35	15	8	10	120	2894.00
2C0278SL-4SU	2HES14SU0D	1	460/3/60	3.4	Dry	35	15	8	10	120	2894.00
2C0407SL-2EU	—	2	208-230/1/60	—	Dry	35	14	12	14	115	☎
2C0407SL-2DU	2FES22DU0D	2	208-230/3/60	9.6	Dry	35	14	12	14	115	3667.00
2C0407SL-4SU	2FES24SU0D	2	460/3/60	4.8	Dry	35	14	12	14	115	3667.00
2C0484SL-2DU	2EES22DU0D	2	208-230/3/60	11.4	Dry	53	16	12	15	115	4513.00
2C0484SL-4SU	2EES24SU0D	2	460/3/60	5.7	Dry	53	16	12	15	115	4513.00
2C0572SL-2DU	2DES22DU0D	2	208-230/3/60	13.4	Dry	53	16	12	15	160	4701.00
2C0572SL-4SU	2DES24SU0D	2	460/3/60	6.7	Dry	53	16	12	15	160	4701.00
2C0692SL-2EU	—	3	208-230/1/60	—	Dry	53	16	16	15	170	☎
2C0692SL-2DU	2CES32DU0D	3	208-230/3/60	16.1	Dry	53	16	16	15	170	4885.00
2C0692SL-4SU	2CES34SU0D	3	460/3/60	8.8	Dry	53	16	16	15	170	4885.00

4 CYLINDER, LOW TEMP, LESS OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4C0770SL-2DU	4FES32DU0D	3	208-230/3/60	17.9	Dry	70	18	16	16	181	5311.00
4C0770SL-4SU	4FES34SU0D	3	460/3/60	9.0	Dry	70	18	16	16	181	5311.00
4C0969SL-2DU	4EES42DU0D	4	208-230/3/60	20.7	Dry	70	18	16	16	185	5449.00
4C0969SL-4SU	4EES44SU0D	4	460/3/60	10.3	Dry	70	18	16	16	185	5449.00
4C1145SL-2DU	4DES52DU0D	5	208-230/3/60	25.4	Dry	70	20	16	16	205	6872.00
4C1145SL-4SU	4DES54SU0D	5	460/3/60	12.7	Dry	70	20	16	16	205	6872.00
4C1385SL-2DU	4CES62DU0D	6	208-230/3/60	32.1	Dry	70	20	16	18	215	7566.00
4C1385SL-4SU	4CES64SU0D	6	460/3/60	16.0	Dry	70	20	16	18	215	7566.00
4C1480PL-2NU	—	6	230-460/3/60	27.0/13.5	Dry	92	28	24	24	315	☎
4C1761PL-2NU	4TE92NU0D	8	230-460/3/60	33.1/16.6	Dry	92	28	24	24	326	7848.00
4C2067PL-2NU	4PE122NU0D	10	230-460/3/60	39.6/19.8	Dry	92	28	24	24	345	8577.00
4C2397PL-2NU	4NE142NU0D	12	230-460/3/60	47.0/23.5	Dry	92	28	24	24	337	10138.00
4B2707PL-2NU	4JE152NU1D	13	230-460/3/60	53.0/26.5	Dry	141	28	24	24	460	☎
4B3139PL-2NU	4HE182NU0D	15	230-460/3/60	60.2/30.1	Dry	141	28	24	24	420	11609.00
4B3604PL-2NU	4GE232NU0D	20	230-460/3/60	71.2/35.6	Dry	158	28	24	24	435	13047.00

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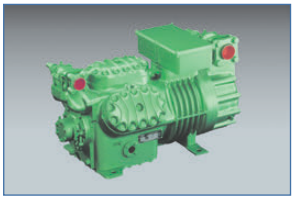

6 CYLINDER, LOW TEMP, LESS OIL

- D2 suffix models have 2 bank unloading

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6B4060PL-2NU	6JE252NU0D	22	230-460/3/60	80.0/40.0	Dry	167	32	26	26	470	14008.00
6B4709PL-2NU	6HE282NU0D	25	230-460/3/60	92.0/46.0	Dry	167	32	26	26	550	15117.00
6B5406PL-2NU	6GE342NU0D	30	230-460/3/60	106.0/53.1	Dry	167	32	26	26	535	16902.00
6B5406PL-2NU-D2	6GE342NU2D	30	230-460/3/60	106.0/53.1	Dry	167	32	26	26	535	17068.00
6B6462PL-2NU	6FE442NU0D	40	230-460/3/60	129.0/64.6	Dry	167	32	26	26	527	20743.00
6B6462PL-2NU-D2	6FE442NU2D	40	230-460/3/60	129.0/64.6	Dry	167	32	26	26	527	20909.00

2 CYLINDER, HIGH TEMP, AB OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
2C0173SH-2DU-A	—	1/2	208-230/3/60	5.5	AB	35	14	8	10	95	☎
2C0173SH-4SU-A	—	1/2	460/3/60	2.8	AB	35	14	8	10	95	☎
2C0222SH-2DU-A	—	3/4	208-230/3/60	7.1	AB	35	14	8	10	103	☎
2C0222SH-4SU-A	—	3/4	460/3/60	3.6	AB	35	14	8	10	103	☎
2C0278SH-2DU-A	2HES22DU0A	2	208-230/3/60	8.7	AB	35	15	8	10	120	3039.00
2C0278SH-4SU-A	—	2	460/3/60	4.4	AB	35	15	8	10	120	☎
2C0323SH-2DU-A	2GES22DU0A	2	208-230/3/60	9.5	AB	35	15	8	10	120	3122.00
2C0323SH-4SU-A	—	2	460/3/60	4.8	AB	35	15	8	10	120	☎
2C0407SH-2DU-A	2FES32DU0A	3	208-230/3/60	11.8	AB	35	14	12	14	104	3790.00
2C0407SH-4SU-A	—	3	460/3/60	5.9	AB	35	14	12	14	104	☎
2C0484SH-2DU-A	2EES32DU0A	3	208-230/3/60	14.1	AB	53	16	12	15	155	4957.00
2C0484SH-4SU-A	—	3	460/3/60	7.0	AB	53	16	12	15	155	☎
2C0572SH-2DU-A	2DES32DU0A	3	208-230/3/60	15.8	AB	53	16	12	15	155	4979.00
2C0572SH-4SU-A	2DES34SU0A	3	460/3/60	7.9	AB	53	16	12	15	155	4979.00
2C0692SH-2DU-A	2CES42DU0A	4	208-230/3/60	19.0	AB	53	16	16	15	167	5174.00
2C0692SH-4SU-A	—	4	460/3/60	9.5	AB	53	16	16	15	167	☎

4 CYLINDER, HIGH TEMP, AB OIL

- A1 models include 1 bank unloading

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4C0770SH-2DU-A	4FES52DU0A	5	208-230/3/60	21.8	AB	70	18	16	16	190	5976.00
4C0770SH-4SU-A	—	5	460/3/60	10.9	AB	70	18	16	16	190	☎
4C0969SH-2DU-A	—	6	208-230/3/60	26.7	AB	70	18	16	16	190	☎
4C0969SH-4SU-A	—	6	460/3/60	13.4	AB	70	18	16	16	190	☎
4C1145SH-2DU-A	4DES72DU0A	7	208-230/3/60	31.9	AB	70	20	16	16	205	7327.00
4C1145SH-4SU-A	—	7	460/3/60	15.9	AB	70	20	16	16	205	☎
4C1385SH-2DU-A	—	9	208-230/3/60	40.0	AB	70	20	16	18	200	☎
4C1385SH-4SU-A	4CES94SU0A	9	460/3/60	20.0	AB	70	20	16	18	200	7754.00
4C1480PH-2NU-A	—	10	230-460/3/60	37.2/18.6	AB	92	28	24	24	315	☎

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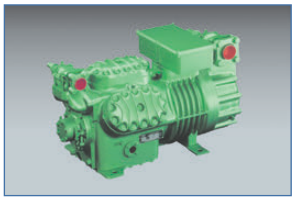
SEMI-HERMETIC COMPRESSOR

4 CYLINDER, HIGH TEMP, AB OIL (Cont'd.)

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4C1761PH-2NU-A	—	12	230-460/3/60	45.8/22.9	AB	92	28	24	24	326	☎
4C2067PH-2NU-A1	4PE152NU1A	15	230-460/3/60	53.4/26.7	AB	92	28	24	24	345	8881.00
4C2397PH-2NU-A	—	20	230-460/3/60	63.6/31.8	AB	92	28	24	24	337	10875.00
4C2397PH-2NU-A1	4NE202NU1A	20	230-460/3/60	63.6/31.8	AB	92	28	24	24	337	10875.00
4B2707PH-2NU-A1	4JE222NU1A	22	230-460/3/60	69.8/34.9	AB	141	28	24	24	419	12176.00
4B3139PH-2NU-A1	4HE252NU1A	25	230-460/3/60	80.8/40.4	AB	141	28	24	24	448	13502.00
4B3604PH-2NU-A1	4GE302NU1A	30	230-460/3/60	98.4/49.2	AB	158	28	24	24	454	14564.00



6,8 CYLINDER, HIGH TEMP, AB OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6B4060PH-2NU-A2	6JE332NU2A	33	230-460/3/60	105.0/52.6	AB	167	32	26	26	509	14882.00
6B4709PH-2NU-A2	—	35	230-460/3/60	123.0/61.6	AB	167	32	26	26	518	☎
6B5406PH-2NU-A2	6GE402NU2A	40	230-460/3/60	150.0/75.1	AB	167	32	26	26	525	18322.00
6B6462PH-2NU-A2	6FE502NU2A	50	230-460/3/60	182.0/91.0	AB	167	32	26	26	550	22719.00
8C7863PH-2PU-A2	—	60	208-230/3/60	226.0	AB	176	36	28	28	772	☎
8C7863PH-4PU-A2	—	60	460/3/60	113.0	AB	176	36	28	28	772	☎
8C9400PH-2PU-A2	—	70	208-230/3/60	278.0	AB	176	36	28	28	876	☎
8C9400PH-4PU-A2	—	70	460/3/60	139.0	AB	176	36	28	28	876	☎

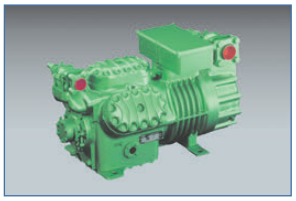
2 CYLINDER, LOW TEMP, POE OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
2C0173SH-2DU-Y	2KES052DU0Y	1/2	208-230/3/60	5.5	POE	35	14	8	10	95	2843.00
2C0173SH-4SU-Y	—	1/2	460/3/60	2.8	POE	35	14	8	10	95	☎
2C0222SH-2DU-Y	2JES072DU0Y	3/4	208-230/3/60	7.1	POE	35	15	8	10	103	2941.00
2C0222SH-4SU-Y	—	3/4	460/3/60	3.6	POE	35	15	8	10	103	☎
2C0278SL-2EU-Y	—	1	208-230/1/60	—	POE	35	15	8	10	120	☎
2C0278SL-2DU-Y	2HES12DU0Y	1	208-230/3/60	6.8	POE	35	15	8	10	120	3071.00
2C0278SL-4SU-Y	—	1	460/3/60	3.4	POE	35	15	8	10	120	☎
2C0407SL-2EU-Y	—	2	208-230/1/60	—	POE	35	14	12	14	115	☎
2C0407SL-2DU-Y	2FES22DU0Y	2	208-230/3/60	9.6	POE	35	14	12	14	115	3783.00
2C0407SL-4SU-Y	2FES24SU0Y	2	460/3/60	4.8	POE	35	14	12	14	115	3783.00
2C0484SL-2DU-Y	2EES22DU0Y	2	208-230/3/60	11.4	POE	53	16	12	15	115	4625.00
2C0484SL-4SU-Y	2EES24SU0Y	2	460/3/60	5.7	POE	53	16	12	15	115	4625.00
2C0572SL-2DU-Y	2DES22DU0Y	2	208-230/3/60	13.4	POE	53	16	12	15	160	4816.00
2C0572SL-4SU-Y	2DES24SU0Y	2	460/3/60	6.7	POE	53	16	12	15	160	4816.00
2C0692SL-2EU-Y	—	3	208-230/1/60	—	POE	53	16	16	15	170	☎
2C0692SL-2DU-Y	2CES32DU0Y	3	208-230/3/60	16.1	POE	53	16	16	15	170	4997.00
2C0692SL-4SU-Y	2CES34SU0Y	3	460/3/60	8.8	POE	53	16	16	15	170	4997.00

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

4 CYLINDER, LOW TEMP, POE OIL

Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
4C0770SL-2DU-Y	4FES32DU0Y	3	208-230/3/60	17.9	POE	70	18	16	16	181	5510.00
4C0770SL-4SU-Y	4FES34SU0Y	3	460/3/60	9.0	POE	70	18	16	16	181	5510.00
4C0969SL-2DU-Y	4EES42DU0Y	4	208-230/3/60	20.7	POE	70	18	16	16	185	5640.00
4C0969SL-4SU-Y	4EES44SU0Y	4	460/3/60	10.3	POE	70	18	16	16	185	5640.00
4C1145SL-2DU-Y	4DES52DU0Y	5	208-230/3/60	25.4	POE	70	20	16	16	205	7071.00
4C1145SL-4SU-Y	4DES54SU0Y	5	460/3/60	12.7	POE	70	20	16	16	205	7071.00
4C1385SL-2DU-Y	4CES62DU0Y	6	208-230/3/60	32.1	POE	70	20	16	18	215	7761.00
4C1385SL-4SU-Y	4CES64SU0Y	6	460/3/60	16.0	POE	70	20	16	18	215	7761.00
4C1480PL-2NU-Y	—	6	230-460/3/60	27.0/13.5	POE	92	28	24	24	315	☎
4C1761PL-2NU-Y	4TE92NU0Y	8	230-460/3/60	33.1/16.6	POE	92	28	24	24	326	8046.00
4C2067PL-2NU-Y	4PE122NU0Y	10	230-460/3/60	39.6/19.8	POE	92	28	24	24	345	8776.00
4C2397PL-2NU-Y	4NE142NU0Y	12	230-460/3/60	47.0/23.5	POE	92	28	24	24	337	10333.00
4B2707PL-2NU-Y	4JE152NU0Y	13	230-460/3/60	53.0/26.5	POE	141	28	24	24	460	11732.00
4B3139PL-2NU-Y	4HE182NU0Y	15	230-460/3/60	60.2/30.1	POE	141	28	24	24	420	11938.00
4B3604PL-2NU-Y	4GE232NU0Y	20	230-460/3/60	71.2/35.6	POE	158	28	24	24	435	13376.00



6 CYLINDER, LOW TEMP, POE OIL

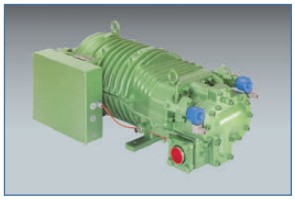
Part No.	Alternate No.	HP	Voltage	RLA (Amps)	Oil Type	Oil Charge (Oz.)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
6B4060PL-2NU-Y	6JE252NU0Y	22	230-460/3/60	80.0/40.0	POE	167	32	26	26	470	14337.00
6B4709PL-2NU-Y	6HE282NU0Y	25	230-460/3/60	92.0/46.0	POE	167	32	26	26	550	15442.00
6B5406PL-2NU-Y	6GE342NU0Y	30	230-460/3/60	106.0/53.1	POE	167	32	26	26	535	17227.00
6B6462PL-2NU-Y	6FE442NU0Y	40	230-460/3/60	129.0/64.6	POE	167	32	26	26	527	21075.00

888-578-9100

Call our customer service center today and get the answers to all your HVAC/R related questions/needs:

- *Provides technical assistance*
- *Helps you select the right product for your specific application*
- *Provides quotes and product availability*
- *Handles order requests*
- *Helps you locate the branch nearest you*

SCREW COMPRESSOR



Semi-hermetic screw compressors:

- Range 20 to 90 HP
- Suitable for low and medium temperature applications
- Oil separator required; not provided
- Low noise and vibration
- Rated for use with R-22, R-404A, (R-134a for medium temperature applications only)
- Rated load amps shown 230V for dual voltage compressors
- Includes suction service valve, capacity control

MEDIUM TEMPERATURE

	Application, Capacity					
Part No.	R404A	BTUH	R22	BTUH	R134a	BTUH
HSK5343-30-2NU	M 20	164000	M 20	179000	M/H 45	182000
	M 0	122000	M 0	122000	M/H 20	113000
HSK5353-35-2NU	M 20	205000	M 20	224000	M/H 45	227000
	M 0	153000	M 0	152000	M/H 20	142000
HSK5363-40-2NU	M 20	241000	M 20	264000	M/H 45	268000
	M 0	180000	M 0	179000	M/H 20	167000
HSK6453-50-2PU	M 20	295000	M 20	326000	M/H 45	319000
HSK6453-50-4PU	M 0	220000	M 0	223000	M/H 20	198000
HSK6463-60-2PU	M 20	348000	M 20	384000	M/H 45	376000
HSK6463-60-4PU	M 0	260000	M 0	263000	M/H 20	233000
HSK7453-70-2PU	M 20	405000	M 20	437000	M/H 45	441000
HSK7453-70-4PU	M 0	303000	M 0	295000	M/H 20	272000
HSK7463-80-2PU	M 20	464000	M 20	500000	M/H 45	505000
HSK7463-80-4PU	M 0	347000	M 0	337000	M/H 20	312000
HSK7473-90-2PU	M 20	527000	M 20	569000	M/H 45	575000
HSK7473-90-4PU	M 0	394000	M 0	384000	M/H 20	354000

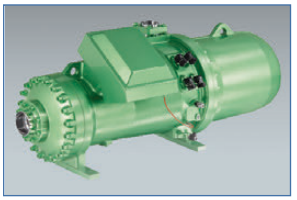
LOW TEMPERATURE

	Application, Capacity					
Part No.	R404A	BTUH	R22	BTUH	R134a	BTUH
HSN5343-20-2NU	L -25	65900	L -25	72600		
	L -40	41500	L -40	45400		
HSN5353-25-2NU	L -25	82400	L -25	90800		
	L -40	52000	L -40	56800		
HSN5363-30-2NU	L -25	100000	L -25	107000		
	L -40	64600	L -40	67100		
HSN6453-40-2PU	L -25	120000	L -25	128000		
HSN6453-40-4PU	L -40	75700	L -40	81400		
HSN6463-50-2PU	L -25	145000	L -25	151000		
HSN6463-50-4PU	L -40	94000	L -40	95900		
HSN7453-60-2PU	L -25	164000	L -25	175000		
HSN7463-70-2PU	L -25	194000	L -25	201000		
HSN7463-70-4PU	L -40	126000	L -40	128000		
HSN7473-75-2PU	L -25	221000	L -25	229000		
HSN7473-75-4PU	L -40	143000	L -40	145000		

Part No.	Copeland No.	HP	Voltage	RLA (Amps)	Displacement (CFH)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
HSK5343-30-2NU	SHM23000TWK	30	208-230/460/3/60	92	3567	29.8	17.05	16.93	375	**18022.00**
HSK5353-35-2NU	SHM23500TWK	35	208-230/460/3/60	121	4273	29.8	17.23	16.93	385	**18022.00**
HSK5363-40-2NU	SHM24000TWK	40	208-230/460/3/60	130	5015	29.8	17.23	16.93	400	**19206.00**
HSK6453-50-2PU	SHM15000FWC	50	208-230/3/60	165	5933	35.98	20	17.13	524	**37106.00**
HSK6453-50-4PU	SHM15000FWD	50	460/3/60	79	5933	35.98	20	17.13	524	**37106.00**
HSK6463-60-2PU	SHM16000FWC	60	208-230/3/60	205	6992	35.98	20	17.13	541	**40043.00**
HSK6463-60-4PU	SHM16000FWD	60	460/3/60	98	6992	35.98	20	17.13	541	**40043.00**
HSK7453-70-2PU	SHM17000FWC	70	208-230/3/60	251	8193	40.2	20.59	16.62	671	**42920.00**
HSK7453-70-4PU	SHM17000FWD	70	460/3/60	120	8193	40.2	20.59	16.62	671	**42920.00**
HSK7463-80-2PU	SHM18000FWC	80	208-230/3/60	263	9394	40.2	20.59	16.62	691	**45585.00**
HSK7463-80-4PU	SHM18000FWD	80	460/3/60	126	9394	40.2	20.59	16.62	691	**45585.00**
HSK7473-90-2PU	SHM19000FWC	90	208-230/3/60	305	10665	43.03	20.59	16.62	739	**46324.00**
HSK7473-90-4PU	SHM19000FWD	90	460/3/60	146	10665	43.03	20.59	16.62	739	**46324.00**

Part No.	Copeland No.	HP	Voltage	RLA (Amps)	Displacement (CFH)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
HSN5343-20-2NU	SHL22000TWK	20	208-230/460/3/60	81	3567	29.8	17.05	16.93	366	**17476.00**
HSN5353-25-2NU	SHL22500TWK	25	208-230/460/3/60	85	4273	29.8	17.23	16.93	374	**17476.00**
HSN5363-30-2NU	SHL23000TWK	30	208-230/460/3/60	104	5015	29.8	17.23	16.93	392	**18634.00**
HSN6453-40-2PU	SHL14000FWC	40	208-230/3/60	136	5933	35.98	20	17.13	515	**36006.00**
HSN6453-40-4PU	SHL14000FWD	40	460/3/60	65	5933	35.98	20	17.13	515	**36006.00**
HSN6463-50-2PU	SHL15000FWC	50	208-230/3/60	165	6992	35.98	20	17.13	524	**38934.00**
HSN6463-50-4PU	SHL15000FWD	50	460/3/60	79	6992	35.98	20	17.13	524	**38634.00**
HSN7453-60-2PU	SHL16000FWC	60	208-230/3/60	186	8193	40.2	20.59	16.62	653	**40715.00**
HSN7463-70-2PU	SHL17000FWC	70	208-230/3/60	215	9394	40.2	20.59	16.62	682	**42920.00**
HSN7463-70-4PU	SHL17000FWD	70	460/3/60	103	9394	40.2	20.59	16.62	682	**42920.00**
HSN7473-75-2PU	SHL17500FWC	75	208-230/3/60	249	10665	41.06	20.59	16.62	717	**43656.00**
HSN7473-75-4PU	SHL17500FWD	75	460/3/60	119	10665	41.06	20.59	16.62	717	**43656.14**

SCREW COMPRESSOR



COMPACT SCREW COMPRESSOR

- Range 35 to 300 HP
- Suitable for high and medium temperature applications
- Air conditioning and chiller applications
- Semi-hermetic design with integral oil separator
- Low Noise and Vibration
- Includes suction and discharge service valves, capacity control, integrated oil separator, and crankcase heater.
- Models 160 HP and larger are not available 230 volts
- Capacity rated +45°F SST

R22

Part No.	Copeland No.	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Unloading	Displacement (CFH)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
CSH6553-50-4PU	SCH25000FWD	50	502,000	460/3/60	72	30-100%	5830	43-9/16	22-1/8	21-13/16	716	**28680.00**
CSH6563-60-4PU	SCH26000FWD	60	639,000	460/3/60	102	25-100%	7244	43-9/16	22-1/8	21-13/16	716	**30626.00**
CSH7553-70-4PU	SCH27000FWD	70	724,000	460/3/60	120	35-100%	8410	52-15/16	22-1/4	23-9/16	1076	**34147.00**
CSH7563-80-2PU	SCH28000FWC	80	853,000	208-230/3/60	263	30-100%	9682	52-15/16	22-1/4	23-9/16	1085	**35901.00**
CSH7563-80-4PU	SCH28000FWD	80	853,000	460/3/60	126	30-100%	9682	52-15/16	22-1/4	23-9/16	1085	**35901.00**
CSH7573-90-2PU	SCH29000FWC	90	992,000	208-230/3/60	305	25-100%	10989	52-15/16	22-1/4	23-9/16	1103	**40765.00**
CSH7573-90-4PU	SCH29000FWD	90	992,000	460/3/60	146	25-100%	10989	52-15/16	22-1/4	23-9/16	1103	**40765.00**
CSH8553-110-2PU	SCH211H0FWC	110	1,200,000	208-230/3/60	355	35-100%	13428	60-5/8	27-3/4	28-9/16	1753	**58416.00**
CSH8553-110-4PU	SCH211H0FWD	110	1,200,000	460/3/60	178	35-100%	13428	60-5/8	27-3/4	28-9/16	1753	**58416.00**
CSH8563-125-2PU	SCH212H0FWC	125	1,388,000	208-230/3/60	396	30-100%	15300	60-5/8	27-3/4	28-9/16	1766	**61296.00**
CSH8563-125-4PU	SCH212H0FWD	125	1,388,000	460/3/60	198	30-100%	15300	60-5/8	27-3/4	28-9/16	1766	**61296.00**
CSH8573-140-2PU	SCH214H0FWC	140	1,624,000	208-230/3/60	449	25-100%	17491	60-5/8	27-3/4	28-9/16	1788	**66194.00**
CSH8573-140-4PU	SCH214H0FWD	140	1,624,000	460/3/60	224	25-100%	17491	60-5/8	27-3/4	28-9/16	1788	**66194.00**
CSH9553-180-4DU	SCH218H0EWD	180	2,057,000	460/3/60	330	25-100%	22802	77	27-11/16	34-1/8	2734	**112109.00**
CSH9563-210-4DU	SCH221H0EWD	210	2,408,000	460/3/60	370	25-100%	26212	77	27-11/16	34-1/8	2778	**121759.00**
CSH9573-240-4DU	SCH224H0EWD	240	2,805,000	460/3/60	420	25-100%	29835	77	27-11/16	34-1/8	2800	**131079.00**
CSH9583-280-4DU	SCH228H0EWD	280	3,153,000	460/3/60	450	25-100%	34310	77	27-11/16	34-1/8	3043	☎
CSH9593-300-4DU	SCH230H0EWD	300	3,573,000	460/3/60	450	25-100%	38786	77	27-11/16	34-1/8	3087	☎

R407C

Part No.	Copeland No.	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Unloading	Displacement (CFH)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
CSH6553-50Y-2PU	SCH2500EFWC	50	480,000	208-230/3/60	145	30-100%	5830	43-9/16	22-1/8	21-13/16	716	**29263.00**
CSH6553-50Y-4PU	SCH2500EFWD	50	480,000	460/3/60	72	30-100%	5830	43-9/16	22-1/8	21-13/16	716	☎
CSH6563-60Y-2PU	SCH2600EFWC	60	600,000	208-230/3/60	205	25-100%	7244	43-9/16	22-1/8	21-13/16	716	☎
CSH6563-60Y-4PU	SCH2600EFWD	60	600,000	460/3/60	102	25-100%	7244	43-9/16	22-1/8	21-13/16	716	**31206.00**
CSH7553-70Y-2PU	SCH2700EFWC	70	717,000	208-230/3/60	251	35-100%	8410	52-15/16	22-1/4	23-9/16	1076	**34883.00**
CSH7553-70Y-4PU	SCH2700EFWD	70	717,000	460/3/60	120	35-100%	8410	52-15/16	22-1/4	23-9/16	1076	**34883.00**
CSH7563-80Y-2PU	SCH2800EFWC	80	814,000	208-230/3/60	263	30-100%	9682	52-15/16	22-1/4	23-9/16	1085	**36637.00**
CSH7563-80Y-4PU	SCH2800EFWD	80	814,000	460/3/60	126	30-100%	9682	52-15/16	22-1/4	23-9/16	1085	**36637.00**
CSH7573-90Y-2PU	SCH2900EFWC	90	933,000	208-230/3/60	305	25-100%	10989	52-15/16	22-1/4	23-9/16	1103	**41497.00**
CSH7573-90Y-4PU	SCH2900EFWD	90	933,000	460/3/60	146	25-100%	10989	52-15/16	22-1/4	23-9/16	1103	**41497.00**
CSH8553-110Y-2PU	SCH211HEFWC	110	1,179,000	208-230/3/60	355	35-100%	13428	60-5/8	27-3/4	28-9/16	1753	☎
CSH8553-110Y-4PU	SCH211HEFWD	110	1,179,000	460/3/60	178	35-100%	13428	60-5/8	27-3/4	28-9/16	1753	☎
CSH8563-125Y-2PU	SCH212HEFWC	125	1,327,000	208-230/3/60	396	30-100%	15300	60-5/8	27-3/4	28-9/16	1766	☎
CSH8563-125Y-4PU	SCH212HEFWD	125	1,327,000	460/3/60	198	30-100%	15300	60-5/8	27-3/4	28-9/16	1766	☎
CSH8573-140Y-2PU	SCH214HEFWC	140	1,527,000	208-230/3/60	449	25-100%	17491	60-5/8	27-3/4	28-9/16	1788	☎
CSH8573-140Y-4PU	SCH214HEFWD	140	1,527,000	460/3/60	224	25-100%	17491	60-5/8	27-3/4	28-9/16	1788	☎
CSH9553-180Y-4DU	SCH218HEEWD	180	2,026,000	460/3/60	330	25-100%	22802	77	27-11/16	34-1/8	2734	**112109.00**
CSH9563-210Y-4DU	SCH221HEEWD	210	2,299,000	460/3/60	370	25-100%	26212	77	27-11/16	34-1/8	2778	**121756.00**
CSH9573-240Y-4DU	SCH224HEEWD	240	2,637,000	460/3/60	420	25-100%	29835	77	27-11/16	34-1/8	2800	☎
CSH9583-280Y-4DU	SCH228HEEWD	280	3,019,000	460/3/60	450	25-100%	34310	77	27-11/16	34-1/8	3043	☎
CSH9593-300Y-4DU	SCH230HEEWD	300	3,437,000	460/3/60	450	25-100%	38786	77	27-11/16	34-1/8	3087	☎

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

R134a

Part No.	Copeland No.	HP	Capacity (BTUH)	Voltage	RLA (Amps)	Unloading	Displacement (CFH)	Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
CSH6553-35Y-2PU	SCA2350EFWC	35	345,000	208-230/3/60	—	30-100%	5830	43-9/16	22-1/8	21-13/16	671	**28461.00**
CSH6553-35Y-4PU	SCA2350EFWD	35	345,000	460/3/60	56.1	30-100%	5830	43-9/16	22-1/8	21-13/16	671	**28461.00**
CSH6563-40Y-2PU	SCA2400EFWC	40	429,000	208-230/3/60	—	30-100%	7244	43-9/16	22-1/8	21-13/16	716	☎
CSH6563-40Y-4PU	SCA2400EFWD	40	429,000	460/3/60	75	25-100%	7244	43-9/16	22-1/8	21-13/16	716	**30120.00**
CSH7553-50Y-2PU	SCA2500EFWC	50	490,000	208-230/3/60	206	35-100%	8410	52-15/16	22-1/4	23-9/16	1043	**33051.00**
CSH7553-50Y-4PU	SCA2500EFWD	50	490,000	460/3/60	103	35-100%	8410	52-15/16	22-1/4	23-9/16	1043	**33051.00**
CSH7563-60Y-2PU	SCA2600EFWC	60	590,000	208-230/3/60	224	30-100%	9682	52-15/16	22-1/4	23-9/16	1061	☎
CSH7563-60Y-4PU	SCA2600EFWD	60	590,000	460/3/60	112	30-100%	9682	52-15/16	22-1/4	23-9/16	1061	☎
CSH7573-70Y-2PU	SCA2700EFWC	70	664,000	208-230/3/60	240	25-100%	10989	52-15/16	22-1/4	23-9/16	1076	☎
CSH7573-70Y-4PU	SCA2700EFWD	70	664,000	460/3/60	120	25-100%	10989	52-15/16	22-1/4	23-9/16	1076	**39109.00**
CSH8553-80Y-2PU	SCA2800EFWC	80	842,000	208-230/3/60	274	35-100%	13428	60-5/8	27-3/4	28-9/16	1737	☎
CSH8553-80Y-4PU	SCA2800EFWD	80	842,000	460/3/60	137	35-100%	13428	60-5/8	27-3/4	28-9/16	1737	**57427.00**
CSH8563-90Y-2PU	SCA2900EFWC	90	951,000	208-230/3/60	289	30-100%	15300	60-5/8	27-3/4	28-9/16	1753	☎
CSH8563-90Y-4PU	SCA2900EFWD	90	951,000	460/3/60	145	30-100%	15300	60-5/8	27-3/4	28-9/16	1753	**60564.00**
CSH8573-110Y-2PU	SCA211HEFWC	110	1,119,000	208-230/3/60	331	25-100%	17491	60-5/8	27-3/4	28-9/16	1773	☎
CSH8573-110Y-4PU	SCA211HEFWD	110	1,119,000	460/3/60	166	25-100%	17491	60-5/8	27-3/4	28-9/16	1773	☎
CSH8583-125Y-2PU	SCA212HEFWC	125	1,257,000	208-230/3/60	406	25-100%	20024	60-5/8	27-3/4	28-9/16	1786	☎
CSH8583-125Y-4PU	SCA212HEFWD	125	1,257,000	460/3/60	203	25-100%	20024	60-5/8	27-3/4	28-9/16	1786	☎
CSH8593-140Y-2PU	SCA214HEFWC	140	1,445,000	208-230/3/60	438	25-100%	22602	60-5/8	27-3/4	28-9/16	1808	☎
CSH8593-140Y-4PU	SCA214HEFWD	140	1,445,000	460/3/60	219	25-100%	22602	60-5/8	27-3/4	28-9/16	1808	☎
CSH9563-160Y-4DU	SCA216HEEWD	160	1,648,000	460/3/60	280	25-100%	26212	77	27-11/16	34-1/8	2712	☎
CSH9573-180Y-4DU	SCA218HEEWD	180	1,934,000	460/3/60	310	25-100%	29835	77	27-11/16	34-1/8	2734	☎
CSH9583-210Y-4DU	SCA221HEEWD	210	2,155,000	460/3/60	320	25-100%	34310	77	27-11/16	34-1/8	2867	☎
CSH9593-240Y-4DU	SCA224HEEWD	240	2,456,000	460/3/60	360	25-100%	38786	77	27-11/16	34-1/8	2911	☎

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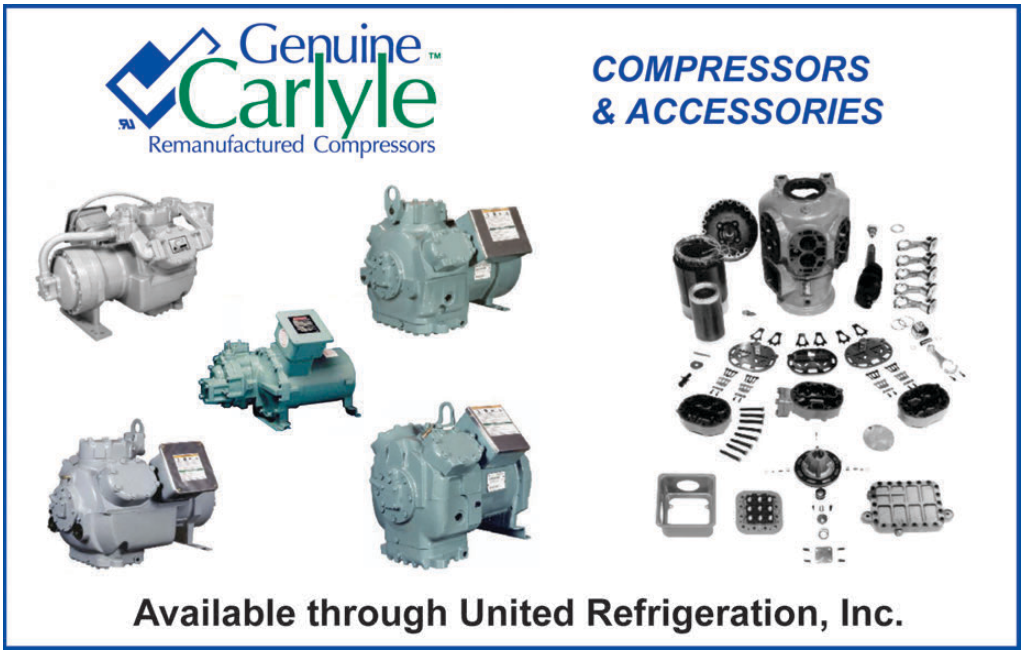
GENUINE CARLYLE

06CY COMPOUND COOLING COMPRESSOR

- Carlyle's innovative design makes it literally two compressors in one, with both high and low stages built in
- Narrow-seat valve design makes it the most efficient low-temp compressor on the market in both HCFC and HFC applications in the 6 1/2 HP to 30 HP ranges
- Optimizes System Operation
- Compatible with HFC refrigerants and POE oil in single, multiplexed and parallel system design configurations
- Utilizing liquid subcooling minimizes liquid temperature fluctuation to TXVs on systems incorporating floating condensing temperatures
- All Carlyle compressors are shipped Oil-less
- 2-Year Warranty

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	Nb. of Cylinders	Oil Charge (Pints)	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Weight (Lbs.)	Price
06CY016D103	5	208-230/3/60 XL	16	6	9.5	17.3	16	24	17	1-1/8	7/8	330	**5636.40**
06CY016G103	5	460/3/60 XL	16	6	9.5	8.7	16	24	17	1-3/8	7/8	330	**5918.12**
06CY018D103	5	208-230/3/60 XL	18	6	9.5	17.3	16	24	17	1-3/8	7/8	325	**6401.26**
06CY018G103	5	460/3/60 XL	18	6	9.5	8.7	16	24	17	1-3/8	7/8	325	**5954.08**
06CY124D103	6.5	208-230/3/60 XL	24	6	9.5	21.2	16	24	17	1-3/8	7/8	335	**6566.22**
06CY124G103	6.5	460/3/60 XL	24	6	9.5	10.6	16	24	17	1-3/8	7/8	335	**6955.04**
06CY125G103	6.5	460/3/60 XL	25	6	9.5	10.6	16	24	17	1-3/8	7/8	330	**5007.80**
06CY228D103	7.5	208-230/3/60 XL	28	6	9.5	26.7	16	24	17	1-5/8	7/8	340	**7222.32**
06CY228G103	7.5	460/3/60 XL	28	6	9.5	14.9	16	24	17	1-5/8	7/8	340	**7222.34**
06CY228J103	7.5	575/3/60	28	6	9.5	13.4	16	24	17	1-5/8	7/8	340	**7002.20**
06CY337D103	10	208-230/3/60 XL	37	6	9.5	29.8	16	24	17	1-5/8	1-1/8	345	**7682.68**
06CY337G103	10	460/3/60 XL	37	6	9.5	14.9	16	24	17	1-5/8	1-1/8	345	**7682.68**
06CY337J103	10	575/3/60	37	6	9.5	12.1	16	24	17	1-5/8	1-1/8	345	**7682.68**
06CY550E103	15	208-230-460/3/60	50	6	19	68/32	21	31	23	1-5/8	1-3/8	545	**11070.24**
06CY550J103	15	575/3/60	50	6	19	27	21	31	23	1-5/8	1-3/8	545	**11070.24**
06CY665E103	20	208-230-460/3/60 XL	68.3	6	19	100/50	21	31	23	1-5/8	1-3/8	555	**11651.66**
06CY665F103	20	460/3/60	68.3	6	19	50	21	31	23	1-5/8	1-3/8	555	**11651.62**
06CY675E103	25	208-230-460/3/60 XL	75	6	19	100/50	21	31	23	1-5/8	1-3/8	555	**11926.20**
06CY675F103	25	460/3/60	75	6	19	50	21	31	23	1-5/8	1-3/8	555	**11926.14**
06CY675J103	25	575/3/60	75	6	19	33	21	31	23	1-5/8	1-3/8	555	**11926.14**
06CY899E103	30	208-230-460/3/60	99	6	19	113/58	21	31	23	1-5/8	1-3/8	580	**13091.30**
06CY899F103	30	460/3/60	99	6	19	58	21	31	23	1-5/8	1-3/8	580	**13091.30**
06CY899J103	30	575/3/60	99	6	19	58	21	31	23	1-5/8	1-3/8	580	**13091.30**
06CY125D103	6.5	208-230/3/60 XL	25	6	9.5	21.2	16	24	17	1-3/8	7/8	330	**4933.94**



REFRIGERATION DUTY COMPRESSOR, 06D/06E SERIES

- High-flow, automatically reversible oil pump provides positive-displacement oil lubrication.
- Crankcase venting system equalizes pressure during startup and assures oil return to sump.
- Oversize sump holds extra oil in crankcase to prevent levels dropping below safe lubrication range during flooded starts.
- Contoured pistons lower cylinder clearances to increase compressor capacity and efficiency.
- High-efficiency valves provide increased refrigerant flow and lower pressure drops. • Electronic oil-pressure switch.
- All Carlyle compressors are shipped Oil-less (See approved lubricants page 153)

HIGH TEMPERATURE, 06DS

Service compressor, replacement for for new 06DF, G,H and J with suction cut-off unloading. Compressor has 1-stage suction cut-off unloading.

- All Carlyle compressors are shipped Oil-less
- 2-Year Warranty

* Note: Carlyle does not recommend the use of POE oil with HCFC blends
* Note: Carlyle does not recommend the use of POE oil with R22

Genuine Carlyle Remanufactured Compressors

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	Nb. of Cylinders	Oil Charge (Pints)	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Weight (Lbs.)	Price
06DS3136AC325ARP	5	208-230/3/60	13	4	4.5	17.3	16	24	17	7/8	5/8	235	**5946.26**
06DS3136AC365ARP	5	460/3/60	13	4	4.5	8.6	16	24	17	7/8	5/8	235	**5526.12**
06DS3286BC325ARP	10	208-230/3/60	28	6	8	39.7	16	24	17	1-3/8	1-1/8	315	**7171.98**
06DS3286BC365ARP	10	460/3/60	28	6	8	19.9	16	24	17	1-3/8	1-1/8	315	**7171.98**
06DS5376BC325ARP	15	208-230/3/60	37	6	8	57.1	16	24	17	1-5/8	1-1/8	325	**7579.56**
06DS5376BC365ARP	15	460/3/60	37	6	8	25.6	16	24	17	1-5/8	1-1/8	325	**7579.56**
06DS5376DC328ARP	15	208-230/3/60	37	6	8	57.1	16	24	17	1-5/8	1-1/8	325	**8424.66**
06DS5376DC368ARP	15	460/3/60	37	6	8	25.6	16	24	17	1-5/8	1-1/8	325	**9751.66**
06DS8186AC325ARP	6.5	208-230/3/60	18	4	5.5	28.2	16	24	17	1-1/8	7/8	250	**6029.60**
06DS8186AC365ARP	6.5	460/3/60	18	4	5.5	14.1	16	24	17	1-1/8	7/8	250	**6029.60**
06DS8246AC325ARP	7.5	208-230/3/60	24	6	8	35.6	16	24	17	1-3/8	1-1/8	310	**7224.74**
06DS8246BC325ARP	7.5	208-230/3/60	24	6	8	35.6	16	24	17	1-3/8	1-1/8	310	**7224.74**
06DS8246BC365ARP	7.5	460/3/60	24	6	8	17.8	16	24	17	1-3/8	1-1/8	310	**7224.74**
06DS8256BC325ARP	7.5	208-230/3/60	25	6	8	35.6	16	24	17	1-3/8	1-1/8	315	**7320.64**
06DS8256BC365ARP	7.5	460/3/60	25	6	8	17.8	16	24	17	1-3/8	1-1/8	315	**7320.64**

MEDIUM TEMPERATURE, 06DM

Service compressor, replacement for for new 06DA, DM wihtout unloading. • 2-Year Warranty

Genuine Carlyle Remanufactured Compressors

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	Nb. of Cylinders	Oil Charge (Pints)	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Weight (Lbs.)	Price
06DM3136CC327ARP	5	208-230/3/60	13	4	4.5	17.3	16	24	17	7/8	5/8	235	**5335.52**
06DM3136CC367ARP	5	460/3/60	16	4	4.5	8.6	16	24	17	7/8	5/8	235	**5335.52**
06DM3166CC327ARP	5	208-230/3/60	16	4	4.5	17.3	16	24	17	1-1/8	5/8	235	**5476.98**
06DM3166CC367ARP	5	460/3/60	16	4	4.5	8.6	16	24	17	1-1/8	5/8	235	**5477.00**
06DM3376DC327ARP	10	208-230/3/60	37	6	8	39.7	16	24	17	1-3/8	1-1/8	325	**7028.14**
06DM3376DC367ARP	10	460/3/60	37	6	8	19.9	16	24	17	1-3/8	1-1/8	325	**6890.34**
06DM3377DC3600	10	460/3/60	37	6	8	19.9	16	24	17	1-3/8	1-1/8	325	**7028.14**
06DM5376BC0100	15	575/3/60	37	6	8	20.5	16	24	17	1-5/8	1-3/8	325	**6607.38**
06DM5376BD1400	15	200/3/60 PW	37	6	8	57.1	16	24	17	1-5/8	1-3/8	325	**6607.38**
06DM5376BD1500	15	230/3/60 PW	37	6	8	57.1	16	24	17	1-5/8	1-3/8	325	**8783.94**
06DM5377BC0600	15	460/3/60	37	6	8	25.6	16	24	17	1-5/8	1-3/8	325	**8726.76**
06DM5377BC1200	15	208-230/3/60	37	6	8	57.1	16	24	17	1-5/8	1-3/8	325	**6607.38**
06DM8086GC3250	3	208-230/3/60	8	2	3	11.2	16	24	17	7/8	5/8	160	**3954.94**
06DM8086GC3650	3	460/3/60	8	2	3	5.6	16	24	17	7/8	5/8	160	**3954.94**
06DM8087GA3600	3	460/3/60	8	2	3	5.6	16	24	17	7/8	5/8	160	**5327.52**
06DM8186AC0100	6.5	575/3/60	18	4	5.5	11.3	16	24	17	1-1/8	7/8	250	**5258.80**
06DM8186AC0400	6.5	200/3/60 PW	18	4	5.5	28.2	16	24	17	1-1/8	7/8	250	**5258.80**
06DM8187AC0600	6.5	460/3/60	18	4	5.5	14.1	16	24	17	1-1/8	7/8	250	**5335.52**
06DM8246AC0100	7.5	575/3/60	24	6	8	14.2	16	24	17	1-3/8	1-1/8	310	**6153.06**
06DM8246AC0600	7.5	460/3/60	24	6	8	17.8	16	24	17	1-3/8	1-1/8	310	**6153.06**
06DM8246AC1200	7.5	208-230/3/60	24	6	8	35.6	16	24	17	1-3/8	1-1/8	310	**6153.06**
06DM8246BC0600	7.5	460/3/60	24	6	8	17.8	16	24	17	1-3/8	1-1/8	310	**6153.06**
06DM8246BC1200	7.5	208-230/3/60	24	6	8	35.6	16	24	17	1-3/8	1-1/8	310	**6153.06**
06DM8256AC0600	7.5	460/3/60	25	6	8	17.8	16	24	17	1-3/8	1-1/8	310	**5458.32**

GENUINE CARLYLE

LOW TEMPERATURE, 06DR

• All Carlyle compressors are shipped Oil-less (See approved lubricants page 153) • 2-Year Warranty

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	Nb. of Cylinders	Oil Charge (Pints)	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Weight (Lbs.)	Price
06DR0136CC327ARP	3	208-230/3/60	13	4	4.5	11.2	16	24	17	1-1/8	5/8	230	5535.70
06DR0136CC367ARP	3	460/3/60	13	4	4.5	5.6	16	24	17	1-1/8	5/8	230	5535.72
06DR2286DC327ARP	7 1/2	208-230/3/60	28	6	8	35.6	16	24	17	1-3/8	1-1/8	315	7681.44
06DR2286DC367ARP	7 1/2	460/3/60	28	6	8	17.8	16	24	17	1-3/8	1-1/8	315	7530.82
06DR3166CC327ARP	5	208-230/3/60	16	4	4.5	17.3	16	24	17	1-1/8	5/8	235	5435.02
06DR3166CC367ARP	5	460/3/60	16	4	4.5	8.6	16	24	17	1-1/8	5/8	235	5435.02
06DR3376DC317ARP	10	575/3/60	37	6	8	16	16	24	17	1-5/8	7/8	325	7898.42
06DR3376DC327ARP	10	208-230/3/60	37	6	8	39.7	16	24	17	1-5/8	7/8	325	7791.72
06DR3376DC367ARP	10	460/3/60	37	6	8	19.9	16	24	17	1-5/8	7/8	325	7638.96
06DR5416DC0151	15	575/3/60	41	6	8	20.5	16	24	17	1-5/8	1-1/8	325	7927.18
06DR5416DC0650	15	460/3/60	41	6	8	25.6	16	24	17	1-5/8	1-1/8	325	7927.18
06DR5416DC1251	15	208-230/3/60	41	6	8	57.1	16	24	17	1-5/8	1-1/8	325	7927.20
06DR5416DC327ARP	15	208-230/3/60	41	6	8	57.1	16	24	17	1-5/8	1-1/8	325	8353.38
06DR5416DC367ARP	15	460/3/60	41	6	8	25.6	16	24	17	1-5/8	1-1/8	325	7700.06
06DR7186DC317ARP	5	575/3/60	18	4	5.5	6.9	16	24	17	1-3/8	7/8	250	5590.86
06DR7186DC327ARP	5	208-230/3/60	18	4	5.5	17.3	16	24	17	1-3/8	7/8	250	5590.86
06DR7186DC337ARP	5	208-230/1/60	18	4	5.5	17.3	16	24	17	1-3/8	7/8	250	5590.86
06DR7186DC367ARP	5	460/3/60	18	4	5.5	8.6	16	24	17	1-3/8	7/8	250	5590.86
06DR7246DC327ARP	6 1/2	208-230/3/60	24	6	8	28.2	16	24	17	1-3/8	7/8	310	7098.86
06DR7246DC367ARP	6 1/2	460/3/60	24	6	8	14.1	16	24	17	1-3/8	7/8	310	7098.86
06DR7256DC317ARP	6 1/2	575/3/60	25	6	8	11.3	16	24	17	1-3/8	7/8	310	7189.94
06DR7256DC327ARP	6 1/2	208-230/3/60	25	6	8	28.2	16	24	17	1-3/8	7/8	310	7189.94
06DR7256DC367ARP	6 1/2	460/3/60	25	6	8	14.1	16	24	17	1-3/8	7/8	310	7189.94
06DR7256DC3250	6 1/2	208-230/3/60	25	6	8	28.2	16	24	17	1-3/8	7/8	310	7549.58
06DR7256DC3650	6 1/2	460/3/60	25	6	8	14.1	16	24	17	1-3/8	7/8	310	7189.94
06DR8206DC327ARP	6 1/2	208-230/3/60	20	4	5.5	28.2	16	24	17	1-3/8	5/8	260	6066.76
06DR8206DC367ARP	6 1/2	460/3/60	20	4	5.5	14.1	16	24	17	1-3/8	5/8	260	6066.76

HIGH TEMPERATURE, 06ET

Service compressor A/C duty
Replaces 06E2, 3, 4, 5, 6, 7, 8 and 9
Compressor has 1 stage of suction cut-off unloading
• All Carlyle compressors are shipped Oil-less (See approved lubricants page 153)
• 2-Year Warranty

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	Nb. of Cylinders	Oil Charge (Pints)	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Weight (Lbs.)	Price
06ET15036ARP	20	208-230-460/3/60	50	4	14	87/44	21	31	23	2-1/8	1-1/8	430	9724.08
06ET17536ARP	30	208-230-460/3/60	75	4	19	135/68	21	31	23	2-1/8	1-5/8	490	12186.24
06ET25036ARP	20	208-230-460/3/60	50	4	14	87/44	21	31	23	1-5/8	1-1/8	430	9803.20
06ET25066ARP	20	460/3/60	50	4	14	44	21	31	23	1-5/8	1-1/8	430	6445.44
06ET26536ARP	25	208-230-460/3/60	65	6	19	112/56	21	31	23	1-5/8	1-3/8	480	11745.12
06ET26566ARP	25	460/3/60	65	6	19	56	21	31	23	1-5/8	1-3/8	480	11742.10
06ET27536ARP	30	208-230-460/3/60	75	6	19	135/68	21	31	23	2-1/8	1-3/8	490	12270.18
06ET27566ARP	30	460/3/60	75	6	19	68	21	31	23	2-1/8	1-3/8	490	12270.20
06ET29936ARP	40	208-230-460/3/60	99	6	19	189/95	21	31	23	2-1/8	1-5/8	520	13741.00
06ET29966ARP	40	460/3/60	99	6	19	95	21	31	23	2-1/8	1-5/8	520	13741.06
06ET87536ARP	30	208-230-460/3/60	75	6	19	135/68	21	31	23	2-1/8	1-3/8	490	11647.24

MEDIUM TEMPERATURE, 06EZ

Service compressor Refrigeration duty. Replaces 06EM.
- All Carlyle compressors are shipped Oil-less
- 2-Year Warranty

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	Nb. of Cylinders	Oil Charge (Pints)	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Weight (Lbs.)	Price
06EZ75037ARP	15	208-230-460/3/60	50	4	14	72/36	21	31	23	2-1/8	1-1/8	430	**10565.58**
06EZ75067ARP	15	460/3/60	50	4	14	36	21	31	23	2-1/8	1-1/8	430	**6319.06**
06EZ76637ARP	25	208-230-460/3/60	66	6	14	112/56	21	31	23	2-1/8	1-3/8	485	**11240.46**
06EZ77537ARP	25	208-230-460/3/60	75	6	19	112/56	21	31	23	2-1/8	1-3/8	495	**12585.44**
06EZ77567ARP	35	460/3/60	75	6	19	56	21	31	23	2-1/8	1-3/8	490	**12338.66**
06EZ79937ARP	35	208-230-460/3/60	99	6	19	155/77	21	31	23	2-1/8	1-3/8	495	**12809.60**
06EZ79967ARP	35	460/3/60	99	6	19	77	21	31	23	2-1/8	1-3/8	495	**12333.46**

LOW TEMPERATURE, 06EY

Service compressor Refrigeration duty. Replaces 06ER.
- All Carlyle compressors are shipped Oil-less
- 2-Year Warranty

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	Nb. of Cylinders	Oil Charge (Pints)	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Weight (Lbs.)	Price
06EY75034ARP	15	208-230-460/3/60	50	4	14	72/36	21	31	23	2-1/8	1-1/8	430	**10573.96**
06EY75064ARP	15	460/3/60	50	4	14	36	21	31	23	2-1/8	1-1/8	430	**10366.60**
06EY76534ARP	20	208-230-460/3/60	65	6	19	87/44	21	31	23	2-1/8	1-3/8	485	**12174.30**
06EY76564ARP	20	460/3/60	65	6	19	44	21	31	23	2-1/8	1-3/8	485	**11514.70**
06EY76634ARP	20	208-230-460/3/60	66	6	14	87/44	21	31	23	2-1/8	1-3/8	430	**11042.68**
06EY76664ARP	20	460/3/60	66	6	14	44	21	31	23	2-1/8	1-3/8	430	**6910.54**
06EY77514ARP	20	575/3/60	75	6	19	36	21	31	23	2-1/8	1-3/8	490	**6790.08**
06EY77534ARP	20	208-230-460/3/60	75	6	19	87/44	21	31	23	2-1/8	1-3/8	490	**12640.60**
06EY77564ARP	20	460/3/60	75.4	6	19	45	21	31	23	2-1/8	1-3/8	490	**12029.58**
06EY79934ARP	30	208-230/3/60	99	6	19	135/68	21	31	23	2-1/8	1-3/8	520	**13737.40**
06EY79964ARP	30	460/3/60	99	6	19	68	21	31	23	2-1/8	1-3/8	520	**10826.14**

APPROVED OILS

06D 06E		Approved Refrigerants
SOLEST681G	POE	R-134a R404A R407A R407C R507
1501G	Mineral Oil	R12 R22 R500 R502
150AKB1G	AlkylBenzene	L/T R402A R408A M/T R401A R402B R409A R12 R22 R500 R502

*** Note: Carlyle does not recommend the use of POE oil with HCFC blends**
*** Note: Carlyle does not recommend the use of POE oil with R22**

06C		Approved Refrigerants
SOLEST681G	POE	R404A R407A R507
1501G	Mineral Oil	R22
150AKB1G	AlkylBenzene	R22

*** Note: Carlyle does not recommend the use of POE oil with R22**
* Note: Smaller 06C* compressors in the 16 to 37cfm range cannot be used with R404A or R507 prior to Serial # 2099J without installing A retrofit valve plate kit # 06CY660002

TWIN-SCREW OPEN DRIVE, 05T

- No suction or discharge valves provide smooth, quiet, vibration-free operation
- Low-clearance screw design for lower oil-circulation rates
- Ideal for variable-speed applications
- Economizer-cooled motor provides high-efficiency operation
- Uses O-ring seals
- Compatible with many different refrigerant/oil combinations
- Internal discharge check valve
- No oil pump
- Two-step Vi for low-temperature models to maximize efficiency over a wide operating range
- Precision long-life bearings
- Capacity control

Part No	Displ. CFH @ 1750 RPM	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Price
05TAQ054Z3EAA00	54	22	15.13	14.15	1 5/8	1 5/8	**25318.10**
05TRQ039Z3EAA00	39	22	15.13	14.15	1 5/8	1 5/8	**20657.50**
05TRQ044Z3EAA00	44	22	15.13	14.15	1 5/8	1 5/8	**15212.38**
05TRQ054Z3EAA00	54	22	15.13	14.15	1 5/8	1 5/8	**45024.52**

SEMI-HERMETIC, TWIN SCREW COMPRESSORS

- Automatic unloaded starting, expensive high-torque motors are unnecessary, reducing initial expense
- Crankcase casting, cylinder head, and valve plate designs allow for a smooth, unrestricted refrigerant flow
- Refined, two-piece shaft seal assembly virtually eliminates seal leakage for maximum reliability over a wide temperature range
- Efficient crankcase heater design prevents accumulation of liquid refrigerant in the crankcase during shutdown, dilution of the compressor oil supply
- As suction pressure changes, capacity control automatically reduces compressor capacity to as low as 35% of full-design load, reducing horsepower requirements as demand changes. Part-load operation increases energy efficiency, reducing utility bills
- Large-capacity, manually reversible oil pump, automatic pressure regulator, and oil-filtering system provide positive pressure lubrication, extending life
- Suction gases flow around cylinder sleeve to keep the cylinder cool, reducing cylinder wear
- Greater operating efficiencies by running an oversized compressor at a reduced RPM

The table below summarizes the currently approved lubricants for the 05T / 06TA / 06TR Screw Compressor Line

POE Oil Type	R404A / R507 Low & Med. Temp	R134a Med. & High Temp.	R22 Low & Med. Temp.
Emkarate RL100A	Yes	Yes	Yes*
Solest 120	Yes	Yes	Yes*
Solest 170	Yes	Yes	Yes*

Note: All listed lubricants are UL Certified.

Solest 120 is considered to be of equal viscosity as the POE 100 oils

* Solest 170 is required for all R22 applications that do not use an external oil cooler

Genuine Carlyle Remanufactured Compressors

MEDIUM TEMPERATURE, 06T

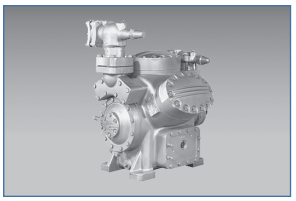
Part No	HP	Voltage	Displ. CFH @ 1750 RPM	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Price
06TAD033B2EAA00	20	460/3	33	49	34.09	15.36	19.73	1 5/8	1 5/8	**19220.74**
06TAD033F2EAA00	20	208-230/3	33	104	34.09	15.36	19.73	1 5/8	1 5/8	**23339.56**
06TAE039B2EAA00	25	460/3	39	64	34.09	15.36	19.73	1 5/8	1 5/8	**18723.22**
06TAE039F2EAA00	30	208-230/3	39	128	34.09	15.36	19.73	1 5/8	1 5/8	**18691.16**
06TAF044B2EAA00	30	460/3	44	52	34.09	15.36	19.73	1 5/8	1 5/8	**24932.88**
06TAF044F2EAA00	30	208-230/3	44	163	34.09	15.36	19.73	1 5/8	1 5/8	**21898.02**
06TAF048B2EAA00	30	460/3	48	76	34.09	15.36	19.73	1 5/8	1 5/8	**22146.18**
06TAF048F2EAA00	30	208-230/3	48	163	34.09	15.36	19.73	1 5/8	1 5/8	**19518.78**
06TAG054B2EAA00	35	460/3	54	88	34.09	15.36	19.73	1 5/8	1 5/8	**22391.96**
06TAG054F2EAA00	35	208-230/3	54	182	34.09	15.36	19.73	1 5/8	1 5/8	**19785.98**
06TAG065B2EAA00	35	460/3	65	89	36.94	15.36	19.73	1 5/8	1 5/8	**22951.22**
06TAG065C2EAA00	35	575/3	65	72	36.94	15.36	19.73	1 5/8	1 5/8	**20399.82**
06TAG065F2EAA00	35	208-230/3	65	181	36.94	15.36	19.73	1 5/8	1 5/8	**24412.32**
06TAH078B2EAA00	40	460/3	78	101	36.94	15.36	19.73	1 5/8	1 5/8	**24053.16**
06TAH078C2EAA00	40	575/3	78	81	36.94	15.36	19.73	1 5/8	1 5/8	**21519.56**
06TAH078F2EAA00	40	208-230/3	78	203	36.94	15.36	19.73	1 5/8	1 5/8	**24494.88**
06TAK088B2EAA00	50	460/3	88	114	36.94	15.36	19.73	1 5/8	1 5/8	**24695.56**
06TAK088C2EAA00	50	575/3	88	92	36.94	15.36	19.73	1 5/8	1 5/8	**22077.66**

LOW TEMPERATURE, 06T

Part No	HP	Voltage	Displ. CFH @ 1750 RPM	RLA Amps	Dimensions (In.) L	W	H	Connection (In.) Suction	Discharge	Price
06TRC033B2EAA00	15	460/3	33	46	34.09	15.36	19.73	1 5/8	1 5/8	**18408.52**
06TRD039F2EAA00	20	208-230/3	39	104	34.09	15.36	19.73	1 5/8	1 5/8	**18964.26**
06TRD044B2EAA00	20	460/3	44	49	34.09	15.36	19.73	1 5/8	1 5/8	**19523.52**
06TRE048F2EAA00	25	208-230/3	48	128	34.09	15.36	19.73	1 5/8	1 5/8	**19806.14**
06TRE054B2EAA00	25	460/3	54	64	34.09	15.36	19.73	1 5/8	1 5/8	**22667.46**
06TRE054F2EAA00	25	208-230/3	54	128	34.09	15.36	19.73	1 5/8	1 5/8	**23894.30**
06TRF065B2EAA00	30	460/3	65	76	36.94	15.36	19.73	1 5/8	1 5/8	**23224.36**
06TRF065C2EAA00	30	575/3	65	62	36.94	15.36	19.73	1 5/8	1 5/8	**25436.08**
06TRF065F2EAA00	30	208-230/3	78	154	36.94	15.36	19.73	1 5/8	1 5/8	**23224.36**
06TRG078B2EAA00	35	460/3	78	89	36.94	15.36	19.73	1 5/8	1 5/8	**24341.70**
06TRG078F2EAA00	35	208-230/3	78	181	36.94	15.36	19.73	1 5/8	1 5/8	**21755.86**
06TRH088B2EAA00	40	460/3	88	101	36.94	15.36	19.73	1 5/8	1 5/8	**26623.90**
06TRH088C2EAA00	40	575/3	88	81	36.94	15.36	19.73	1 5/8	1 5/8	**22353.12**
06TRH088F2EAA00	40	208-230/3	88	203	36.94	15.36	19.73	1 5/8	1 5/8	**22312.76**

OPEN DRIVE

- Automatic unloaded starting, expensive high-torque motors are unnecessary, reducing initial expense.
- High-efficiency motor can further increase efficiency of 5F and 5H compressors.
- Crankcase casting, cylinder head, and valve plate designs allow for a smooth, unrestricted refrigerant flow.
- Refined, two-piece shaft seal assembly virtually eliminates seal leakage for maximum reliability over a wide temperature range.
- Efficient crankcase heater design prevents accumulation of liquid refrigerant in the crankcase during shutdown, dilution of the compressor oil supply.
- As suction pressure changes, capacity control automatically reduces compressor capacity to as low as 35% of full-design load, reducing horsepower requirements as demand changes. Part-load operation increases energy efficiency, reducing utility bills.
- Large-capacity, manually reversible oil pump, automatic pressure regulator, and oil-filtering system provide positive pressure lubrication, extending life.
- Suction gases flow around cylinder sleeve to keep the cylinder cool, reducing cylinder wear.
- Greater operating efficiencies by running an oversized compressor at a reduced RPM.
- For use with R134A/R12, R22, R404A/R507/R502



OPEN DRIVE RECIPROCATING COMPRESSOR, SMALL CHASSIS

Part No	HP	Drive	Displ. CFH @1750RPM	No. Cyls	Dimensions (In.) L	W	H	Connections ODF (In.) Suction	Discharge	Ship Wgt (Lbs.)	Price
5F20A189	5 to 10	Belt/Direct	1,188	2	15 7/8	18 3/4	18 3/4	1 1/8	7/8	175	**6132.44**
5F20A684											**6323.30**
5F20S674											**8521.96**
5F20S684											**8948.06**
5F30A219	7 1/2 to 15	Belt/Direct	1,788	3	18	20 7/8	18	1 5/8	1 3/8	215	**7251.12**
5F30S644											**9104.62**
5F30S664											**9918.30**
5F40A219	10 to 20	Belt/Direct	2,380	4	21 1/2	19	20 1/8	1 5/8	1 3/8	355	**11221.14**
5F40S219											**20789.22**
5F60A219	15 to 25	Belt/Direct	3,576	6	23 1/2	21	24 1/2	2 1/8	1 5/8	400	**13260.92**
5F60S219											**19140.76**

OPEN DRIVE RECIPROCATING COMPRESSOR, LARGE CHASSIS

Part No	HP	Drive	Displ. CFH @1750RPM	No. Cyls	Dimensions (In.) L	W	H	Connections ODF (In.) Suction	Discharge	Ship Wgt (Lbs.)	Price
5H40S219	25 to 40	Belt/Direct	5,544	4	30 1/2	24 1/2	29	2 5/8	2 1/8	610	**24142.32**
5H46A219	40 to 60	Direct	6,930	4	30 1/2	24 1/2	29	2 5/8	2 1/8	610	**16721.72**
5H46S219	40 to 60	Direct	6,930	4	30 1/2	24 1/2	29	2 5/8	2 1/8	610	**27976.16**
5H60A219	40 to 60	Belt/Direct	8,304	6	31 1/2	27 1/4	29 7/8	3 1/8	3 1/8	795	**16765.06**
5H60S219	40 to 60	Belt/Direct	8,304	6	31 1/2	27 1/4	29 7/8	3 1/8	3 1/8	795	**32318.76**
5H66A219	60 to 75	Direct	10,380	6	31 1/2	27 1/4	29 7/8	3 1/8	3 1/8	795	**18245.10**
5H66S219	60 to 75	Direct	10,380	6	31 1/2	27 1/4	29 7/8	3 1/8	3 1/8	795	**28031.98**
5H80A219	50 to 75	Belt/Direct	11,082	8	43 7/8	24 1/2	32	3 1/8	3 1/8	1115	**26638.68**
5H80S219	50 to 75	Belt/Direct	11,082	8	43 7/8	24 1/2	32	3 1/8	3 1/8	1115	**45521.68**
5H86A219	75 to 100	Direct	13,860	8	43 7/8	24 1/2	32	3 1/8	3 1/8	1115	**30108.84**
5H86S219	75 to 100	Direct	13,860	8	43 7/8	24 1/2	32	3 1/8	3 1/8	1115	**39798.12**
5H120A219	75 to 125	Belt/Direct	16,608	12	47	27 3/8	34 7/8	4 1/8	4 1/8	1580	**34085.88**
5H120S219	75 to 125	Belt/Direct	16,608	12	47	27 3/8	34 7/8	4 1/8	4 1/8	1580	**59603.26**
5H126A219	100 to 150	Direct	20,760	12	47	27 3/8	34 7/8	4 1/8	4 1/8	1580	**37196.16**
5H126S219	100 to 150	Direct	20,760	12	47	27 3/8	34 7/8	4 1/8	4 1/8	1580	**72660.02**

CARLYLE REPLACEMENTS

Remanufactured replacements for popular Carlyle refrigeration application compressors.
06EZ is service duty replacement for 06EM medium temperature series; 06EY for 06ER low temperature series
A = 2 bolt suction service valve; B,D = 4 bolt suction service valve (i.e. H06DM8086_C12)
460V is across-the-line start only in 208-230/460/3 service compressors

MEDIUM TEMPERATURE, 06D SERIES

Part No.	HP	Voltage	Suction Temperature Range (°F) R404A	R134a	R22	Disp. CFH@ 1750 RPM	Number Cylinders	Dimensions (In.) L	W	H	Weight (Lbs)	Price
H06DM3136AC12	5	208-230/3/60	0 to 25	-10 to 50	0 to 45	786	4	22.17	14.78	15.1	235	**3769.00**
H06DM3136AC06	5	460/3/60	0 to 25	-10 to 50	0 to 45	786	4	22.17	14.78	15.1	235	**3769.00**
H06DM3136BC12	5	208-230/3/60	0 to 25	-10 to 50	0 to 45	786	4	22.17	14.78	15.1	235	**3769.00**
H06DM3166AC12	5	208-230/3/60	0 to 40	-10 to 50	0 to 45	954	4	22.17	14.78	15.1	235	**3769.00**
H06DM3166AC06	5	460/3/60	0 to 40	-10 to 50	0 to 45	954	4	22.17	14.78	15.1	235	**3769.00**
H06DM3166BC12	5	208-230/3/60	0 to 40	-10 to 50	0 to 45	954	4	22.17	14.78	15.1	235	**3769.00**
H06DM3166BC06	5	460/3/60	0 to 40	-10 to 50	0 to 45	954	4	22.17	14.78	15.1	235	**3769.00**
H06DM3376BC12	10	208-230/3/60	0 to 25	-10 to 50	0 to 45	2226	6	24.3	17.5	15.8	325	☎
H06DM3376BC06	10	460/3/60	0 to 25	-10 to 50	0 to 45	2226	6	24.3	17.5	15.8	325	☎
H06DM3376DC12	10	208-230/3/60	0 to 25	-10 to 50	0 to 45	2226	6	24.3	17.5	15.8	325	**4157.00**
H06DM3376DC06	10	460/3/60	0 to 25	-10 to 50	0 to 45	2226	6	24.3	17.5	15.8	325	**4157.00**
H06DM5376BC12	15	208-230/3/60	0 to 25	-10 to 50	0 to 45	2225	6	24.3	17.5	15.8	325	**4286.00**
H06DM5376BC06	15	460/3/60	0 to 25	-10 to 50	0 to 45	2225	6	24.3	17.5	15.8	325	**4286.00**

MEDIUM TEMPERATURE, 06E SERIES

Part No.	HP	Voltage	Suction Temperature Range (°F) R404A	R134a	R22	Displ. CFH@ 1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Weight (Lbs.)	Price
H06EZ150360	15	208-230/460/3/60	0 to 30	-10 to 50	0 to 45	3018	4	31.22	21.49	21.14	430	**7323.00**
H06EZ150660	15	460/3/60	0 to 30	-10 to 50	0 to 45	3018	4	31.22	21.49	21.14	430	**7323.00**
H06EZ266360	25	208-230/460/3/60	0 to 35	-10 to 50	0 to 45	3960	6	33.38	23.68	20.32	490	**7323.00**
H06EZ266660	25	460/3/60	0 to 35	-10 to 50	0 to 45	3960	6	33.38	23.68	20.32	490	**7323.00**
H06EZ175360	25	208-230/460/3/60	0 to 35	-10 to 50	0 to 45	4524	6	33.38	23.68	20.32	490	**7754.00**
H06EZ175660	25	460/3/60	0 to 35	-10 to 50	0 to 45	4524	6	33.38	23.68	20.32	490	**7754.00**
H06EZ099360	35	208-230/460/3/60	0 to 35	-10 to 50	0 to 45	5940	6	33.38	23.68	20.32	505	**8185.00**
H06EZ099660	35	460/3/60	0 to 35	-10 to 50	0 to 45	5940	6	33.38	23.68	20.32	505	**8185.00**
H06EZ199360	35	208-230/460/3/60	0 to 35	-10 to 50	0 to 45	5940	6	33.38	23.68	20.32	505	**7754.00**
H06EZ199660	35	460/3/60	0 to 35	-10 to 50	0 to 45	5940	6	33.38	23.68	20.32	505	**7754.00**

For the most up-to-date list of branches, visit our website at
www.uri.com

☎ Please contact your local United Refrigeration Branch or our Customer Service Center for pricing.

LOW TEMPERATURE, 06D SERIES

Part No	HP	Voltage	Suction Temperature Range (°F) R404A	R134a	R22	Displ. CFH@ 1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Weight (Lbs.)	Price
H06DR3166DC12	5	208-230/3/60	-40 to 25	-10 to 50	-35 to 10	954	4	22.17	14.78	15.1	235	**4738.00**
H06DR3166DC06	5	460/3/60	-40 to 25	-10 to 50	-35 to 10	954	4	22.17	14.78	15.1	235	**4738.00**
H06DR3166CA12	5	208-230/3/60	-40 to 25	-10 to 50	-35 to 45	954	4	22.17	14.78	15.1	250	**4738.00**
H06DR3166CA06	5	460/3/60	-40 to 25	-10 to 50	-35 to 45	954	4	22.17	14.78	15.1	250	**4738.00**
H06DR7186AC12	5	208-230/3/60	-40 to 0	-10 to 50	-35 to 10	1098	4	23.62	14.78	16.72	250	**4738.00**
H06DR7186AC06	5	460/3/60	-40 to 0	-10 to 50	-35 to 10	1098	4	23.62	14.78	16.72	250	**4738.00**
H06DR7186DC12	5	208-230/3/60	-40 to 0	-10 to 50	-35 to 10	1098	4	23.62	14.78	16.72	250	**4738.00**
H06DR7186DC06	5	460/3/60	-40 to 0	-10 to 50	-35 to 10	1098	4	23.62	14.78	16.72	250	**4738.00**
H06DR8206DC06	6.5	460/3/60	-40 to 40	-10 to 50	-35 to 45	1200	4	23.62	14.78	16.72	260	**4738.00**
H06DR7246AC12	7.5	208-230/3/60	-40 to 25	-10 to 50	-35 to 45	1434	6	23.6	16.46	15.49	310	**5169.00**
H06DR7246AC06	7.5	460/3/60	-40 to 25	-10 to 50	-35 to 45	1434	6	23.6	16.46	15.49	310	**5169.00**
H06DR7246DC12	7.5	208-230/3/60	-40 to 25	-10 to 50	-35 to 45	1434	6	23.6	16.46	15.49	310	**5169.00**
H06DR7246DC06	7.5	460/3/60	-40 to 25	-10 to 50	-35 to 45	1434	6	23.6	16.46	15.49	310	**5169.00**
H06DR2286DC12	7.5	208-230/3/60	-40 to 30	-10 to 50	-35 to 45	1680	6	24.3	17.5	16.08	315	**5169.00**
H06DR2286DC06	7.5	460/3/60	-40 to 30	-10 to 50	-35 to 45	1680	6	24.3	17.5	16.08	315	**5169.00**
H06DR3376DC12	10	208-230/3/60	-40 to 25	-10 to 50	-35 to 45	2226	6	24.3	17.5	16.08	325	**5169.00**
H06DR3376DC06	10	460/3/60	-40 to 25	-10 to 50	-35 to 45	2226	6	24.3	17.5	16.08	325	**5169.00**

LOW TEMPERATURE, 06E SERIES

Part No	HP	Voltage	Suction Temperature Range (°F) R404A	R134a	R22	Displ. CFH@ 1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Weight (Lbs.)	Price
H06EY150360	15	208-230/460/3/60	-40 to 0	-10 to 50	-35 to 0	3018	4	31.22	21.49	21.14	430	**7323.00**
H06EY150660	15	460/3/60	-40 to 0	-10 to 50	-35 to 0	3018	4	31.22	21.49	21.14	430	**7323.00**
H06EY166360	20	208-230/460/3/60	-40 to 0	-10 to 50	—	3960	4	31.22	21.49	21.14	430	**8185.00**
H06EY166660	20	460/3/60	-40 to 0	-10 to 50	—	3960	4	31.22	21.49	21.14	430	**7754.00**
H06EY165360	20	208-230/460/3/60	-40 to 0	-10 to 50	-35 to 0	3900	6	33.38	23.68	20.32	480	**8185.00**
H06EY165660	20	460/3/60	-40 to 0	-10 to 50	-35 to 0	3900	6	33.38	23.68	20.32	480	**8185.00**
H06EY175360	20	208-230/460/3/60	-40 to 0	-10 to 50	-35 to 0	4524	6	33.38	23.68	20.32	490	**7754.00**
H06EY175660	20	460/3/60	-40 to 0	-10 to 50	-35 to 0	4524	6	33.38	23.68	20.32	490	**7754.00**
H06EY099360	30	208-230/460/3/60	-40 to 0	-10 to 50	-35 to 0	5940	6	33.38	23.68	20.32	500	**8185.00**
H06EY099660	30	460/3/60	-40 to 0	-10 to 50	-35 to 0	5940	6	33.38	23.68	20.32	500	**8185.00**
H06EY199360	30	208-230/460/3/60	-40 to 0	-10 to 50	-35 to 0	5940	6	33.38	23.68	20.32	500	**8351.00**

AIR CONDITIONING, 06DA SERIES

Remanufactured replacements for popular Carlyle R22 air conditioning compressors.
This series does not have unloading capability

- A = 2 bolt suction service valve, B = 4 bolt suction service valve (H06DS8186_C12)
- Suction temperature range: R22, 0 to 50°F

Part No.	HP	Voltage	Displ. CFH @1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Ship Wgt (Lbs.)	Price
H06DA8186AC12	6.5	208-230/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DA8186AC06	6.5	460/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DA8186BC12	6.5	208-230/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DA8186BC06	6.5	460/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DA8246AC12	7.5	208-230/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DA8246AC06	7.5	460/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DA8246BC12	7.5	208-230/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DA8246BC06	7.5	460/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DA8256BC12	7.5	208-230/3/60	1458	6	24.3	17.5	16.08	315	**4157.00**
H06DA8256BC06	7.5	460/3/60	1458	6	24.3	17.5	16.08	315	**4157.00**
H06DA3286BC12	10	208-230/3/60	1680	6	24.3	17.5	16.08	315	**4157.00**
H06DA3286BC06	10	460/3/60	1680	6	24.3	17.5	16.08	315	**4157.00**
H06DA3376BC12	10	208-230/3/60	2226	6	24.3	17.5	16.08	325	**4157.00**
H06DA3376BC06	10	460/3/60	2226	6	24.3	17.5	16.08	325	**4157.00**
H06DA5376BC12	15	208-230/3/60	2226	6	24.3	17.5	16.08	325	**4286.00**
H06DA5376BC06	15	460/3/60	2226	6	24.3	17.5	16.08	325	**4286.00**

CARLYLE REPLACEMENTS

AIR CONDITIONING, 06DX SERIES

Remanufactured replacements for popular Carlyle R22 air conditioning compressors.
Replaces 06DB, DC, DD, DE with 1 or 2 step old style hot gas bypass unloading

- 4 bolt suction service valve
- Suction temperature range: R22, 0 to 50°F

Part No.	HP	Voltage	Displ. CFH @1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Ship Wgt (Lbs.)	Price
H06DX8186BC12	6.5	208-230/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DX8186BC06	6.5	460/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DX8246BC12	7.5	208-230/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DX8246BC06	7.5	460/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DX3286BC12	10	208-230/3/60	1680	6	24.3	17.5	16.08	315	**4157.00**
H06DX3286BC06	10	460/3/60	1680	6	24.3	17.5	16.08	315	**4157.00**
H06DX3376BC12	10	208-230/3/60	2226	6	24.3	17.5	16.08	325	**4157.00**
H06DX3376BC06	10	460/3/60	2226	6	24.3	17.5	16.08	325	**4157.00**
H06DX5376BC12	15	208-230/3/60	2226	6	24.3	17.5	16.08	325	**4286.00**
H06DX5376BC06	15	460/3/60	2226	6	24.3	17.5	16.08	325	**4286.00**

AIR CONDITIONING, 06DS SERIES

Remanufactured replacements for popular Carlyle R22 air conditioning compressors.
"S" variations have unloading capability and are service replacements for 06DB, 06DC, 06DD, and 06DE

- A = 2 bolt suction service valve, B = 4 bolt suction service valve (H06DS8186_C12)
- Suction temperature range: R22, 0 to 50°F

Part No.	HP	Voltage	Displ. CFH @1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Ship Wgt (Lbs.)	Price
H06DS3136CA12	5	208-230/3/60	786	4	22.17	14.78	15.1	250	**3769.00**
H06DS3136CA06	5	460/3/60	786	4	22.17	14.78	15.1	250	**3769.00**
H06DS3166CA12	5	208-230/3/60	954	4	22.17	14.78	15.1	250	**3769.00**
H06DS3166CA06	5	460/3/60	954	4	22.17	14.78	15.1	250	**3769.00**
H06DS8186AC12	6.5	208-230/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DS8186AC06	6.5	460/3/60	1098	4	22.17	14.78	15.1	250	**3769.00**
H06DS8246AC12	7.5	208-230/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DS8246AC06	7.5	460/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DS8246BC12	7.5	208-230/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DS8246BC06	7.5	460/3/60	1434	6	23.6	16.46	15.49	310	**4157.00**
H06DS8256BC12	7.5	208-230/3/60	1458	6	24.3	17.5	16.08	315	**4157.00**
H06DS8256BC06	7.5	460/3/60	1458	6	24.3	17.5	16.08	315	**4157.00**
H06DS3286BC12	10	208-230/3/60	1680	6	24.3	17.5	16.08	315	**4157.00**
H06DS3286BC06	10	460/3/60	1680	6	24.3	17.5	16.08	315	**4157.00**
H06DS3376BC12	10	208-230/3/60	2226	6	24.3	17.5	16.08	325	**4157.00**
H06DS3376BC06	10	460/3/60	2226	6	24.3	17.5	16.08	325	**4157.00**
H06DS5376BC12	15	208-230/3/60	2226	6	24.3	17.5	16.08	325	**4286.00**

AIR CONDITIONING, 06EA SERIES

No Unloading
460V is across-the-line start only in 208-230/460/3 service compressors

Part	HP	Voltage	Displ. CFH @ 1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Ship Wgt (Lbs.)	Price
H06EA250360	20	208-230/460/3/60	3018	4	31.22	21.49	21.14	173	**6246.00**
H06EA250660	20	460/3/60	3018	4	31.22	21.49	21.14	173	**6246.00**
H06EA265360	25	208-230/460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EA265660	25	460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EA266360	25	208-230/460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EA266660	25	460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EA275360	30	208-230/460/3/60	4524	6	33.38	23.68	20.32	253	**7538.00**
H06EA275660	30	460/3/60	4524	6	33.38	23.68	20.32	253	**7538.00**
H06EA299360	40	208-230/460/3/60	5940	6	33.38	23.68	20.32	345	**8185.00**
H06EA299660	40	460/3/60	5940	6	33.38	23.68	20.32	345	**8185.00**

AIR CONDITIONING, 06ET SERIES

Remanufactured replacements for Carlyle R22 Air Conditioning Compressors.
They replace 06E2, 3, 4, 5, 6, 7, 8, 9 models with one or two step new design suction cutoff unloading
Suction temperature range: R22, 0 to 50°F
460V is across-the-line start only in 208-230/460/3 service compressors

Part No.	HP	Voltage	Displ. CFH @ 1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Ship Wgt (Lbs.)	Price
H06ET250360	20	208-230/460/3/60	3018	4	31.22	21.49	21.14	173	**6246.00**
H06ET250660	20	460/3/60	3018	4	31.22	21.49	21.14	173	**6246.00**
H06ET265360	25	208-230/460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06ET265660	25	460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06ET266360	25	208-230/460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06ET266660	25	460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06ET275360	30	208-230/460/3/60	4524	6	33.38	23.68	20.32	253	**7538.00**
H06ET275660	30	460/3/60	4524	6	33.38	23.68	20.32	253	**7538.00**
H06ET299360	40	208-230/460/3/60	5940	6	33.38	23.68	20.32	345	**8185.00**
H06ET299660	40	460/3/60	5940	6	33.38	23.68	20.32	345	**8185.00**

AIR CONDITIONING, 06EX SERIES

Remanufactured replacements for Carlyle R22 Air Conditioning Compressors.
They replace 06EA, B, C, D, E, F, J, K, L and N 1 or 2 step old design hot gas bypass unloading
Suction temperature range: R22, 0 to 50°F
460V is across-the-line start only in 208-230/460/3 service compressors

Part	HP	Voltage	Displ. CFH @ 1750RPM	Number Cylinders	Dimensions (In.) L	W	H	Ship Wgt (Lbs.)	Price
H06EX250360	20	208-230/460/3/60	3018	4	31.22	21.49	21.14	173	**6246.00**
H06EX250660	20	460/3/60	3018	4	31.22	21.49	21.14	173	**6246.00**
H06EX265360	25	208-230/460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EX265660	25	460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EX266360	25	208-230/460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EX266660	25	460/3/60	4098	6	33.38	23.68	20.32	223	**7323.00**
H06EX275360	30	208-230/460/3/60	4524	6	33.38	23.68	20.32	253	**7538.00**
H06EX275660	30	460/3/60	4524	6	33.38	23.68	20.32	253	**7538.00**
H06EX299360	40	208-230/460/3/60	5940	6	33.38	23.68	20.32	345	**8185.00**
H06EX299660	40	460/3/60	5940	6	33.38	23.68	20.32	345	**8185.00**

CRH* TRANE SERIES

Remanufactured replacements for Trane CRH series compressors

Part No.	HP	Voltage	Unloading	Junction Box	Ship Wgt. (Lbs.)	Price
CRHM200C2RAS	20	460/3/60	2 Bank	Side	450	**10800.00**
CRHM200C2RAT	20	460/3/60	2 Bank	Top	450	**10800.00**
CRHM250A2RAS	25	200/3/60	2 Bank	Side	535	**11200.00**
CRHM250A2RAT	25	200/3/60	2 Bank	Top	535	**11200.00**
CRHM250A4RAS	25	200/3/60	4 Bank	Side	535	**11200.00**
CRHM250A4RAT	25	200/3/60	4 Bank	Top	535	**11200.00**
CRHM250C2RAS	25	460/3/60	2 Bank	Side	535	**11200.00**
CRHM250C2RAT	25	460/3/60	2 Bank	Top	535	**11200.00**
CRHM250C4RAS	25	460/3/60	4 Bank	Side	535	**11200.00**
CRHM250C4RAT	25	460/3/60	4 Bank	Top	535	**11200.00**
CRHM300A2RAS	30	200/3/60	2 Bank	Side	540	**12400.00**
CRHM300A2RAT	30	200/3/60	2 Bank	Top	540	**12400.00**
CRHM300A4RAS	30	200/3/60	4 Bank	Side	540	**12400.00**
CRHM300A4RAT	30	200/3/60	4 Bank	Top	540	**12400.00**
CRHM300C2RAS	30	460/3/60	2 Bank	Side	540	**12400.00**
CRHM300C2RAT	30	460/3/60	2 Bank	Top	540	**12400.00**
CRHM300C4RAS	30	460/3/60	4 Bank	Side	540	**12400.00**
CRHM300C4RAT	30	460/3/60	4 Bank	Top	540	**12400.00**
CRHR400A2RAS	40	200/3/60	2 Bank	Side	815	**16000.00**
CRHR400A2RAT	40	200/3/60	2 Bank	Top	815	**16000.00**

Continued on next page

CARLYLE REPLACEMENTS

CRH* TRANE SERIES (Cont'd)

Part No.	HP	Voltage	Unloading	Junction Box	Ship Wgt. (Lbs.)	Price
CRHR400C2RAS	40	460/3/60	2 Bank	Side	815	16000.00
CRHR400C2RAT	40	460/3/60	2 Bank	Top	815	16000.00
CRHR500A2RAS	50	200/3/60	2 Bank	Side	950	19200.00
CRHR500A2RAT	50	200/3/60	2 Bank	Top	950	19200.00
CRHR500C2RAS	50	460/3/60	2 Bank	Side	950	19200.00
CRHR500C2RAT	50	460/3/60	2 Bank	Top	950	19200.00
CRHR600A2RAS	60	200/3/60	2 Bank	Side	975	20400.00
CRHR600A2RAT	60	200/3/60	2 Bank	Top	975	20400.00
CRHR600A4RAS	60	200/3/60	4 Bank	Side	975	20400.00
CRHR600A4RAT	60	200/3/60	4 Bank	Top	975	20400.00
CRHR600C2RAS	60	460/3/60	2 Bank	Side	975	20400.00
CRHR600C2RAT	60	460/3/60	2 Bank	Top	975	20400.00
CRHR600C4RAS	60	460/3/60	4 Bank	Side	975	20400.00
CRHR600C4RAT	60	460/3/60	4 Bank	T0p	975	20400.00

OPEN DRIVE COMPRESSOR

These are remanufactured replacements for Carlyle open drive compressors.
For use with R134A/R12, R22, R404A/R507/R502
Can be used with water-cooled, air-cooled, or evaporative condensers. Each compressor can accommodate several motor sizes, belt or direct drive, to match refrigerant and job requirements
Increased displacement (5H*6) model compressors can not be used for belt drive applications
Valves and flywheel sold separately

SMALL CHASSIS

Part No	HP	Drive	Displ. CFH @1750RPM	No. Cyls	Dimensions (In.) L	W	H	Connections ODF (In.) Suction	Discharge	Ship Wgt (Lbs.)	Price
H5F20	5 to 10	Belt/Direct	1,188	2	15 7/8	18 3/4	18 3/4	1 1/8	7/8	175	☎
H5F30	7 1/2 to 15	Belt/Direct	1,788	3	18	20 7/8	18	1 5/8	1 3/8	215	6462.00
H5F40	10 to 20	Belt/Direct	2,380	4	21 1/2	19	20 1/8	1 5/8	1 3/8	355	8615.00
H5F60	15 to 25	Belt/Direct	3,576	6	23 1/2	21	24 1/2	2 1/8	1 5/8	400	9908.00

LARGE CHASSIS

Part No	HP	Drive	Displ. CFH @1750RPM	No. Cyls	Dimensions (In.) L	W	H	Connections ODF (In.) Suction	Discharge	Ship Wgt (Lbs.)	Price
H5H40	25 to 40	Belt/Direct	5,544	4	30 1/2	24 1/2	29	2 5/8	2 1/8	610	13354.00
H5H46	40 to 60	Direct	6,930	4	30 1/2	24 1/2	29	2 5/8	2 1/8	610	14215.00
H5H60	40 to 60	Belt/Direct	8,304	6	31 1/2	27 1/4	29 7/8	3 1/8	3 1/8	795	15508.00
H5H66	60 to 75	Direct	10,380	6	31 1/2	27 1/4	29 7/8	3 1/8	3 1/8	795	16800.00
H5H80	50 to 75	Belt/Direct	11,082	8	43 7/8	24 1/2	32	3 1/8	3 1/8	1115	19385.00
H5H86	75 to 100	Direct	13,860	8	43 7/8	24 1/2	32	3 1/8	3 1/8	1115	20246.00
H5H120	75 to 125	Belt/Direct	16,608	12	47	27 3/8	34 7/8	4 1/8	4 1/8	1580	28000.00
H5H126	100 to 150	Direct	20,760	12	47	27 3/8	34 7/8	4 1/8	4 1/8	1580	30154.00

T

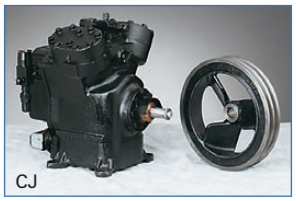
LARGE CAPACITY BELT DRIVE

The Thermatrol range of open drive compressors is designed for refrigeration and air conditioning applications where dependability, long life and economy are of major importance. They are suitable for all temperature applications. All models are designed for use with water cooled, air cooled or evaporative condensers. Electric motors and belt drives can be supplied from a wide range and selected to match refrigerants and job load requirements. Full interchangeability of major service parts is assured, irrespective of refrigerant or application.

- Bore 3 3/32", stroke 3 3/4"
- RPM range: 450 to 1,100
- Capacity @ 105°F discharge, 1,100 RPM

GEA Grasso

Part No.	HP Range	No. Cylinders	Displacement CFH @ 1,100 RPM	Capacity BTUH +20° F	Capacity BTUH 0° F	Overall Dimensions (In.) L	W	H	Ship Wgt. (Lbs.)	Price
T	5 to 20	2	2154	166000	109000	27 1/2	18 1/2	24 3/4	400	**17334.00**
F	10 to 40	4	4302	330000	217000	27	26 1/2	23 3/8	575	**24000.00**
E	20 to 75	8	8604	661000	434000	36 3/4	26 1/2	29 1/2	900	**34670.00**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BELT DRIVE

Blissfield/Dorin open drive compressors include valves and flywheel and are shipped with a mineral oil charge. Model 41VSM through 80VS have available crankcase heaters and direct drive couplings. Mounting kits are also available to directly replace old "C" series Blissfield compressors. Contact UR for other refrigerant capacities.

Oil Requirements

Models 2Q2-41VSM—Viscosity 32CST at 104°F (CFC, HCFC mineral, HFC polyol ester)

Models 51VS-80VS—Viscosity 46CST at 104°F (CFC, HCFC mineral, HFC polyol ester)

BLISSFIELD MANUFACTURING CO

Part No.	HP	RPM Range	No. Cylinders	Displacement $In.^3/Rev.$	Height (In.)	Connections (In.) Suction x Discharge		Ship Wgt. (Lbs.)	Price
2Q2	1/6	500–1,500	2	1.66	7 1/2	3/8	3/8	25	**1197.00**
2Q3	1/6–1/4	500–1,500	2	2.08	7 1/2	3/8	3/8	25	**1197.00**
2Q4	1/4–1/3	500–1,500	2	2.63	7 1/2	1/2	1/2	25	**1197.00**
2Q5	1/3–1/2	500–1,500	2	3.32	7 1/2	1/2	1/2	25	**1197.00**
1HVS	1/2–1	500–1,450	2	4.64	11 13/16	5/8	1/2	38	**1753.20**
2GVS	1–3	500–1,450	2	10.34	12 63/64	3/4	5/8	49	**1944.90**
3LVS	3–5	500–1,300	2	21.4	14 9/16	1 1/8	3/4	84	**2595.60**
41VSM	5–10	600–1,300	2	34.17	15 3/4	1 3/8	1 1/8	181	**4343.40**
51VSM	7.5–15	600–1,300	2	57.19	17 23/32	1 5/8	1 3/8	260	**6032.70**
62VSC	15–20	750–1,750	4	75.97	20 9/32	2 1/8	1 5/8	340	**10698.30**
67VS	15–40	750–1,750	4	87.87	20 9/32	2 1/8	1 3/8	340	**10994.40**
80VS	20–60	750–1,750	4	113.8	23 15/64	2 1/8	1 5/8	452	**13464.00**

CROSS REFERENCE

HP	Blissfield/Dorin	Blissfield	Frick/Lehigh	Tecumseh	Dunham-Bush	Copeland
1/6	2Q2	—	—	—	—	—
1/6	2Q3	CB	—	1300	—	—
1/4	2Q4	CA	16436	500	S-140	17
1/3	2Q5	CC	16436	1000	S-140	18
1/2	1HVS	CE	16436	2300	R-330	18
3/4–1	1HVS	CG	16055	HGC850	R-330	19
1–1 1/2	2GVS	CG	16791	HGC1000	R-650	81
2	2GVS	CH	16791	VFT	R-2002	81
3	3LVS	CH	16791	VFT	R-2002	83
3+	3LVS	CJ	16799	VFTL	—	—
5–10	41VSM	CJ	16799	VFTL	R-5002	85
7 1/2–15	51VSM	CK	16799	RA	R-5002	85
10–30	62VSC	CM	16799	SA	—	85
15–40	67VS	—	—	—	—	—
20–60	80VS	—	—	—	—	—

CAPACITY TABLES, R22

CAPACITY BTUH, 122°F CONDENSING, R22

Model	RPM	HP Required at temperature H	M	L	Evaporator Temperature, °F +41	+32	+23	+14	+5	-4	-13	-22	-31	-40°F
2Q2	1,000	1/2	1/2	1/3	4,709	3,294	3,224	2,627	2,098	1,655	1,262	955	682	478
2Q3	1,000	3/4	1/2	1/3	5,903	4,913	4,026	3,275	2,627	2,064	1,586	1,194	853	597
2Q4	1,000	1	3/4	1/2	7,506	6,244	5,118	4,163	3,310	2,610	2,013	1,501	1,092	751
2Q5	1,000	1	1	3/4	9,451	7,847	6,449	5,220	4,197	3,292	2,525	1,894	1,365	955
	800	1 1/2	1 1/2	1	9,590	8,060	6,660	5,360	4,300	3,350	2,390	1,880	1,470	1,160
1HVS	1,000	2	2	1 1/2	11,980	10,070	8,330	6,760	5,360	4,170	3,000	2,320	1,790	1,380
	1,200	3	3	2	14,400	12,020	9,940	8,060	6,450	5,020	3,620	2,770	2,120	1,610
	1,450	3	3	3	20,100	14,580	12,050	9,700	7,790	6,040	4,340	3,380	2,630	2,050
	800	3	2 1/2	2	21,230	17,720	14,780	11,920	9,530	7,440	5,360	4,170	3,250	2,530
2GVS	1,000	3 1/2	3	2 1/2	26,590	22,150	18,470	14,780	11,920	9,290	6,660	5,160	4,000	3,090
	1,200	5 1/2	4	3	31,920	26,760	22,150	17,720	14,300	11,160	8,020	6,180	4,770	3,670
	1,450	5 1/2	5 1/2	4	38,400	32,050	26,760	21,570	17,240	13,450	9,700	7,550	5,870	4,580
	800	—	5 1/2	4	—	—	26,970	22,900	17,170	13,350	9,560	6,280	4,130	2,720
3LVS	1,000	—	7 1/2	5 1/2	—	—	33,720	28,640	21,470	16,690	11,950	7,850	5,160	3,380
	1,200	—	—	5 1/2	—	—	—	—	—	20,400	14,340	9,420	6,180	4,070
	1,300	—	—	10	—	—	—	—	—	21,640	15,500	10,170	6,690	4,410
41VSM	1,000	10	10	10	88,130	73,830	58,740	47,650	37,310	27,790	19,660	13,900	9,800	6,930
	1,200	15	15	15	105,740	88,600	70,480	57,030	44,780	33,350	23,590	15,330	10,820	7,650
	800	20	20	15	119,390	99,730	79,080	63,520	50,650	37,610	26,520	18,710	13,180	9,290
51VSM	1,000	20	20	20	149,250	124,650	98,840	79,390	63,310	47,000	33,140	23,380	16,490	11,610
	1,200	25	25	20	179,120	149,560	118,600	95,260	75,980	56,390	39,770	28,020	19,730	13,890
62VS	1,200	40	30	20	242,150	202,460	160,450	129,560	97,000	75,500	53,690	38,140	27,140	—
	1,450	40	40	25	295,330	246,900	195,670	157,990	118,300	92,090	65,500	46,590	33,140	—
67VS	1,450	60	50	30	339,390	286,590	227,030	184,950	138,540	109,150	77,410	48,060	29,830	—
	1,750	—	—	50	—	—	—	—	—	132,050	93,660	66,420	47,100	33,420
80VS	1,450	60	50	40	424,710	358,430	284,200	231,810	173,450	136,560	96,860	68,710	48,740	34,580
	1,750	—	60	50	—	—	343,890	280,480	209,870	165,230	117,210	83,140	58,980	41,850

CAPACITY BTUH, 104°F CONDENSING, R22

Model	RPM	HP Required at temperature H	M	L	Evaporator Temperature, °F +41	+32	+23	+14	+5	-4	-13	-22	-31	-40°F
2Q2	1,000	1/2	1/3	1/4	5,289	4,401	3,617	2,951	2,388	1,894	1,467	1,126	836	597
2Q3	1,000	3/4	1/2	1/3	6,619	5,493	4,504	3,685	2,985	2,371	1,842	1,399	1,041	751
2Q4	1,000	3/4	1/2	1/2	8,393	6,960	5,732	4,674	3,787	3,002	2,951	1,774	1,331	938
2Q5	1,000	1	3/4	3/4	10,543	8,769	7,233	5,903	4,777	3,787	2,934	2,252	1,672	1,194
	800	1 1/2	1 1/2	1	11,090	9,250	7,780	6,280	5,020	3,960	2,940	2,220	1,670	1,260
1HVS	1,000	2	2	1 1/2	13,890	11,500	9,730	7,820	6,250	4,950	3,650	2,780	2,120	1,610
	1,200	3	3	2	16,660	13,890	11,710	9,420	7,510	5,940	4,370	3,350	2,560	1,950
	1,450	3	3	3	20,140	16,760	14,100	11,370	9,080	7,200	5,330	4,030	3,040	2,290
	800	3	2 1/2	2	24,610	20,450	17,270	13,890	11,130	8,780	6,450	4,880	3,690	2,800
2GVS	1,000	3 1/2	3	2 1/2	30,750	25,400	21,440	17,340	13,890	10,960	8,060	6,150	4,680	3,570
	1,200	5 1/2	4	3	34,750	30,580	28,020	25,810	16,660	13,140	9,660	7,340	5,570	4,240
	1,450	5 1/2	5 1/2	4	44,540	37,000	31,270	25,160	20,140	15,910	11,680	8,840	6,690	5,070
	800	5 1/2	4	3	48,910	40,960	32,940	26,590	20,820	16,080	11,370	8,430	6,250	4,650
3LVS	1,000	7 1/2	5 1/2	4	61,130	49,970	40,170	32,430	25,400	19,630	13,860	10,240	7,560	5,580
	1,200	10	7 1/2	5 1/2	73,350	59,940	48,200	38,910	30,480	23,520	16,590	12,290	9,120	6,760
	1,300	10	10	7 1/2	79,420	66,420	53,420	43,110	33,760	26,080	18,430	13,660	10,110	7,480
41VSM	1,000	10	10	7 1/2	106,000	85,570	68,740	55,090	43,660	32,390	24,300	17,480	12,560	9,010
	1,200	15	15	10	127,170	102,430	83,500	66,110	52,390	38,880	29,150	20,960	15,060	10,820
	800	20	15	15	142,870	113,660	91,440	73,040	59,220	43,830	33,010	23,280	16,420	11,570
51VSM	1,000	20	15	15	178,600	142,090	114,300	91,300	74,030	54,780	41,270	29,080	20,480	14,410
	1,200	25	20	20	214,340	170,520	137,170	109,560	88,840	65,740	49,530	34,880	24,580	17,310
	1,200	30	25	20	291,300	231,100	185,530	149,730	117,480	90,480	65,740	47,170	33,860	24,300
62VS	1,450	30	30	20	355,260	281,810	226,250	182,600	143,280	110,000	80,170	57,550	41,300	29,630
	1,750	—	40	25	429,870	340,990	273,760	220,930	173,350	133,520	97,000	69,630	49,970	35,870
67VS	1,450	50	40	30	408,060	327,070	261,980	213,930	167,890	130,580	94,850	67,890	48,570	34,750
	1,750	60	50	40	493,760	395,700	316,970	258,840	203,140	157,990	114,750	82,150	58,810	42,090
80VS	1,450	60	50	40	510,860	409,220	328,640	267,920	209,970	163,520	118,670	85,330	61,340	44,100
	1,750	75	60	50	618,160	495,160	397,650	324,170	254,070	197,850	143,590	103,250	74,240	53,380

CAPACITY TABLES, R134a

CAPACITY BTUH, 104°F CONDENSING, R134a

Model	RPM	HP Required at temperature			Evaporator Temperature, °F						
		H	M	L	+50	+41	+32	+23	+14	+5	-4°F
2Q2	800	1/2	1/3	1/4	3,330	2,730	2,238	1,802	1,446	1,119	860
	1,000	1/2	1/3	1/4	4,163	3,412	2,798	2,252	1,808	1,406	1,078
2Q3	800	3/4	1/2	1/3	4,176	3,439	2,811	2,262	1,802	1,406	1,078
	1,000	3/4	1/2	1/3	5,200	4,299	3,514	2,832	2,252	1,757	1,348
2Q4	800	3/4	1/2	1/2	5,295	4,340	3,576	2,866	2,293	1,788	1,378
	1,000	3/4	1/2	1/2	6,619	5,425	4,470	3,583	2,866	2,235	1,723
2Q5	800	1	3/4	3/4	6,660	5,486	4,479	3,630	2,866	2,252	1,720
	1,000	1	3/4	3/4	8,325	6,858	5,596	4,538	3,583	2,815	2,150
1HVS	800	1	3/4	1/2	9,660	7,910	6,320	4,990	3,860	2,920	2,150
	1,000	1 1/2	1	3/4	12,090	9,880	7,900	6,320	4,830	3,660	2,700
	1,200	1 1/2	1 1/2	3/4	14,470	11,860	9,470	7,480	5,790	4,390	3,230
	1,450	2	1 1/2	1	17,530	14,340	11,450	9,030	7,000	5,290	3,910
2GVS	800	3	2	1	22,140	17,940	14,420	11,440	8,840	6,690	4,940
	1,000	3	2	1 1/2	27,670	22,430	18,020	14,300	11,060	8,370	6,160
	1,200	4	3	1 1/2	33,210	26,920	21,640	17,150	13,260	10,040	7,410
	1,450	4	3	2	40,110	32,510	26,130	20,740	16,040	12,140	8,980
3LVS	800	5 1/2	4	3	43,210	35,430	28,260	22,270	17,290	13,080	9,610
	1,000	5 1/2	4	3	54,010	44,270	35,260	27,840	21,610	16,350	12,020
	1,200	-	5 1/2	4	-	-	-	33,420	25,940	19,610	14,420
41VSM	800	7 1/2	5 1/2	4	72,730	58,910	47,360	37,360	29,010	21,980	16,180
	1,000	10	7 1/2	5 1/2	90,920	73,640	59,200	46,690	36,270	27,480	20,210
	1,200	-	10	5 1/2	109,100	88,360	71,040	56,040	43,520	32,970	24,270
51VSM	800	15	10	7 1/2	124,540	101,470	81,620	64,050	49,780	37,750	27,820
	1,000	20	15	10	155,690	126,850	102,030	80,050	62,220	47,190	34,780
	1,200	20	15	10	186,810	152,200	122,440	96,080	74,680	56,620	41,730
62VS	1,000	20	15	10	188,130	152,920	123,360	97,020	75,050	56,560	41,640
	1,200	25	20	15	225,750	183,500	148,040	116,420	90,070	67,870	49,970
	1,450	30	25	15	272,780	221,730	178,880	140,670	108,830	82,000	60,380
	1,750	-	25	20	-	-	-	169,780	131,350	96,590	72,870
67VS	1,000	25	20	15	228,780	187,260	149,630	117,920	91,510	69,240	50,840
	1,200	30	20	15	274,530	224,710	179,560	141,510	109,800	83,030	61,010
	1,450	40	25	20	331,730	271,520	216,970	170,990	132,680	100,400	73,720
	1,750	40	30	25	400,360	327,700	261,850	206,370	160,140	121,160	88,960
80VS	1,000	30	25	15	296,280	242,510	193,790	152,720	118,500	89,680	65,840
	1,200	40	25	20	355,550	291,030	232,550	183,280	142,200	107,610	79,010
	1,450	50	30	25	429,610	351,640	280,990	221,450	171,850	130,040	95,480
	1,750	-	40	30	-	-	-	267,270	207,390	156,930	115,230

United Refrigeration's vast inventory and fast, friendly service can speed you on your way. Our one-stop shopping will enable you to increase your billing hours and reduce your commuting hours.

ROTARY COMPRESSOR

ACH2131U

High efficiency, low sound level, rotary technology.

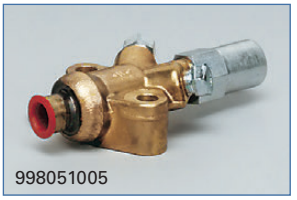
For R22 air conditioning and heat pump applications. Mount is triangular on listed centers.

- **Run capacitor** required, not provided

Panasonic Matsushita Electric

Part No.	Capacity BTUH	RLA (Amps)	Voltage	Run Capacitor (µf x Voltage)	Connection Suction	Connection Discharge	Mounting (In.)	Height (In.)	Ship Wgt. (Lbs.)	Price
ACH27X1U	6670	5.7	115/1/60	**35 x 370**	3/8	1/4	5 1/8	10.6	21	**445.98**
ACH28X1U	7955	6.9	115/1/60	**35 x 370**	3/8	1/4	5 1/8	10.8	21	**498.00**
ACH29X2U	9165	3.8	208-230/1/60	**30 x 370**	3/8	5/16	6	12.4	29	**535.00**
ACH29X3U	9165	3.4	265/1/60	**25 x 370**	3/8	5/16	6	12.4	29	**507.54**
ACH2131U	12700	10.6	115/1/60	**45 x 370**	1/2	5/16	6	12.6	30	**513.70**
ACH2132U	12660	5.2	208-230/1/60	**30 x 370**	1/2	5/16	6	12.4	30	**1095.00**
ACH2152U	15240	6.2	208-230/1/60	**35, 40 x 370**	1/2	3/8	6	12.6	38	**581.42**
ACH2182U	18055	7.6	208-230/1/60	**35, 40 x 370**	5/8	3/8	6	12.6	38	**624.50**
ACH2183U	18055	6.6	265/1/60	**35 x 440**	1/2	3/8	6	12.6	38	**658.00**
ACH2202U	20315	8.3	208-230/1/60	**45 x 370**	5/8	3/8	6	13.3	40	**744.54**
ACH2252U	24880	10.6	208-230/1/60	**50 x 370**	5/8	3/8	6	13.3	40	**799.94**

SERVICE VALVES FOR SEMI-HERMETIC COMPRESSORS

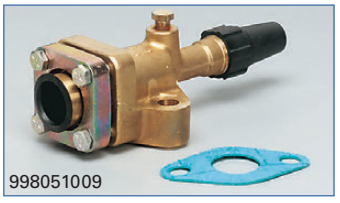

998051005

SWEAT

- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Number Bolts	Bolt Centers (In.)	Connection ODS (In.)	Price
998051004	A	2 Bolt	1 5/8	3/8	**270.44**
998051005	A	2 Bolt	1 5/8	1/2	**245.90**
998051006	A	2 Bolt	1 5/8	5/8	**246.06**
998051012	A	2 Bolt	1 5/8	7/8	**227.16**
998051010	C	2 Bolt	2 3/4	7/8	**325.18**
998051013	A	2 Bolt	1 5/8	1 1/8	**226.10**
998051009	C	2 Bolt	2 3/4	1 1/8	**321.06**
998051011	C	2 Bolt	2 3/4	1 3/8	**337.10**
998051007	D	4 Bolt	2 1/2	1 5/8	**667.20**
998051020	D	4 Bolt	3 1/16	2 1/8	**1049.74**
998051019	D	4 Bolt	3 7/8	2 5/8	**2370.88**
998051018	D	4 Bolt	3 7/8	3 1/8	**2250.84**


998051009

SERVICE VALVE, LARGE

- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Bolt Centers (In.)	Connection ODS (In.)	Price
998051010	C	2 3/4	7/8	**325.18**
998051009	C	2 3/4	1 1/8	**321.06**
998051007	D	2 1/2	1 5/8	**667.20**
998051011	C	2 3/4	1 3/8	**337.10**
998051020	D	3 1/16	2 1/8	**1049.74**
998051019	D	3 7/8	2 5/8	**2370.88**
998051018	D	3 7/8	3 1/8	**2250.84**

998051016

FLARE

- Kit includes bolts and gaskets

COPELAND

Part No.	Style	Bolt Centers (In.)	Connection M Flare (In.)	Comment	Price
998051015	B	1 5/8	3/8	2 Bolt, 2 Service Ports	**338.26**
998051026	A	1 5/8	3/8	2 Bolt	**87.14**
998051016	B	1 5/8	1/2	2 Bolt, 2 Service Ports	**179.50**
998051024	A	1 5/8	1/2	2 Bolt	**93.20**
998051017	B	1 5/8	5/8	2 Bolt, 2 Service Ports	**276.50**
998051025	A	1 5/8	5/8	2 Bolt	**100.72**

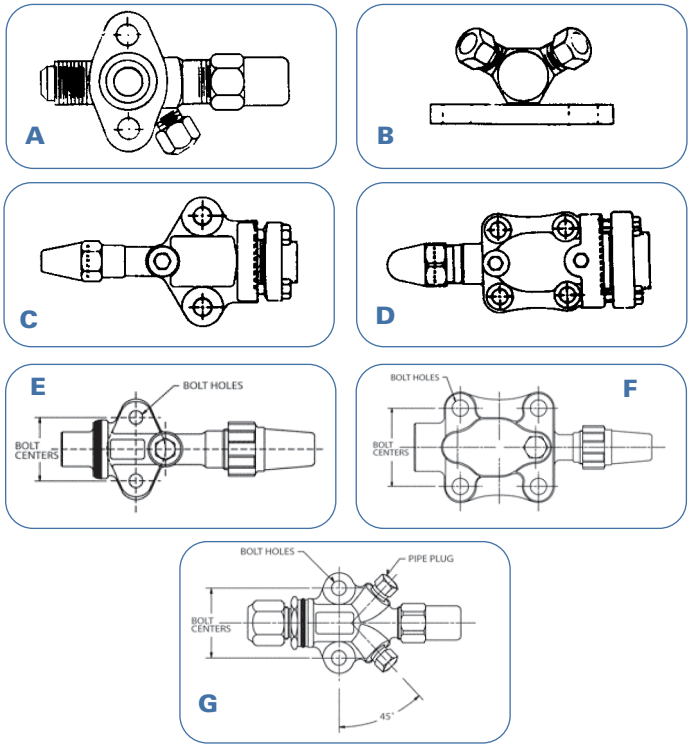
06DA660062

SWEAT

- Kit includes bolts and gaskets

MUELLER INDUSTRIES

Part No.	Style	Number Bolts	Bolt Centers (In.)	Connection ODS (In.)	Price
06DA660060	F	2 Bolt	1 5/8	5/8	**137.04**
06DA660061	E	2 Bolt	1 5/8	7/8	**138.44**
06DA660062	E	2 Bolt	1 3/4	7/8	**137.04**
06DA660064	E	2 Bolt	1 3/4	1 1/8	**124.56**
06DA660063	G	4 Bolt	2 1/2	1 1/8	**199.84**
06DA660065	G	4 Bolt	2 1/2	1 3/8	**205.56**
06EA660090	G	4 Bolt	2 1/2	1 5/8	**217.12**
06EA660091	D	4 Bolt	3 1/16	2 1/8	**503.80**



ROTOLOCK VALVE

ROTOLOCK X MFL, 90°

- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
1RX12FL	1–14	1/2	44.00
1RX58FL	1–14	5/8	44.00

ROTOLOCK X ODS, 90°

- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
1RX12S	1–14	1/2	48.00
1RX58S	1–14	5/8	48.00
114RX58S	1 1/4–12	5/8	68.00
114RX34S	1 1/4–12	3/4	64.00
114RX78S	1 1/4–12	7/8	64.00
114RX118S	1 1/4–12	1 1/8	68.00
134RX118S	1 3/4–12	1 1/8	150.00
134RX138S	1 3/4–12	1 3/8	150.00
134RX158S	1 3/4–12	1 5/8	260.00

ASSORTMENT

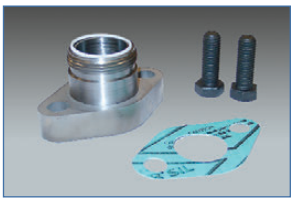
- Assortment includes 3—3/4", 4—1", 4—1 1/4" and 2—1 3/4" gaskets

Part No.	Description	Price
ROTOLOCK	Assortment Rotolock Gaskets	20.00

ROTOLOCK X ODS

- Female rotolock thread

Part No.	Rotolock Size, TPI (In.)	Connection Size (In.)	Price
114RX78SA	1 1/4–12	7/8	36.00
114RX118SA	1 1/4–12	1 1/8	48.00
134RX118SA	1 3/4–12	1 1/8	60.00
134RX138SA	1 3/4–12	1 3/8	60.00



ROTOLOCK VALVE ADAPTER

Adapts compressor with 2 3/4" bolt centers, discus head mounted valve locations for use with 1 3/4" rotolock valves or adapters.

- Includes gasket

COPELAND

Part No.	Bolt Centers (In.)	Price
998003600	2 3/4	92.92

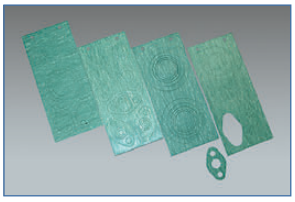
SIGHT GLASS REMOVAL TOOL

- Slides into the notches of a compressor sight glass
- Helps extract the sight glass with a crescent or socket wrench
- 1"diameter

ESP ENERGY SAVING PRODUCTS

Part No.	Description	Price
SGRT	Sight Glass Removal Tool	30.36

GASKET BOOK



Array of 36 different gaskets replaces most common gaskets used today in expansion and solenoid valves and pumps. This fine gasket material "Garlock" replaces old gaskets on Sporlan, Penn, Alco, Jackes/Evans, Parker, Mueller, Hamilton Pax, Henry and Primore.

ESP ENERGY SAVING PRODUCTS

Part No.	Description	Price
GB10	Finny's Gasket Book	36.46

Consistent availability.

For our national and regional accounts, having a source of dependable Copeland inventory consistently available takes the guesswork out of the equation because we carry more Copeland products than anyone else throughout our 400+ branches.

In the rare case when a particular branch may not have the model you need in stock, the branch manager can tell you the closest other branch that does. We're all in it together, happy to do anything we can to make your life easier.

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