

# REFRIGERATION & A/C DUTY COMPRESSORS

## COPELAMETIC R12, R22, R502

**1/4 to 3 H.P.**



### Specifications (Air-Cooled)

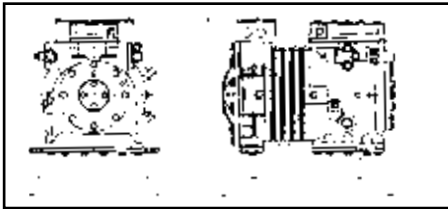
Standard Model	Nom. H.P.	Cyls.	60 Hertz Application		Bore (in)	Stroke (in)	CFH @ 1750 R.P.M.	Oil Charge (Fl. Oz)		Overall Dimensions (inches)			Base Mounting Centers (in)		Discharge Shut-Off Valve (in)	Suction Shut-Off Valve (in)
			R-12	R-502				Initial	Recharge	Length	Width	Height	Length	Width		
HAF*-0025	1/4	2	M		1-1/32	5/8	63.4	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	1/4 FL	3/8 FL
HAJ*-0025	1/4	2	L		1-3/16	5/8	84.0	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	1/4 FL	3/8 FL
HAK*-0025	1/4	2	L		1-5/16	5/8	102.6	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	1/4 FL	3/8 FL
HAF*-0033	1/3	2	H	L	1-1/32	5/8	63.4	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
HAJ*-0033	1/3	2	M		1-3/16	5/8	84.0	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
HAK*-0033	1/3	2	L		1-5/16	5/8	102.6	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
HAT*-0033	1/3	2	XL		1-5/16	3/4	123.8	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
HAK*-0050	1/2	2	H	L	1-5/16	5/8	102.6	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
HAT*-0050	1/2	2	M		1-5/16	3/4	123.8	20	16	12-3/8	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
KAE*-0050	1/2	2	M		1-1/2	5/8	134.2	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
KAG*-0050	1/2	2	XL		1-7/16	15/16	184.9	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
KAH*-0050	1/2	2	L		1-1/2	15/16	201.0	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
KAM*-0050	1/2	2	L		1-3/8	15/16	169.0	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
KAN*-0050	1/2	2	H	L	1-3/8	5/8	112.8	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	1/2 FL
KAA*-0075	3/4	2	XL		1-11/16	15/16	255.0	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	5/8 FL
KAJ*-0075	3/4	2	L		1-9/16	15/16	218.4	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	5/8 FL
KAM*0075	3/4	2	H	L	1-3/8	15/16	169.0	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	5/8 FL
KAG*0075	3/4	2	M		1-7/16	15/16	184.9	24	20	14	8	10-11/16	8-3/16	6-3/8	3/8 FL	5/8 FL
KAJ*-0100	1	2	H	L	1-9/16	15/16	218.4	24	20	14	8	10-11/16	8-3/16	6-3/8	1/2 FL	5/8 FL
KAK*-0100	1	2	M		1-11/16	15/16	255.0	24	20	14	8	10-11/16	8-3/16	6-3/8	1/2 FL	5/8 FL
KAL*-0100	1	2	L		1-7/8	15/16	313.0	24	20	14	8	10-11/16	8-3/16	6-3/8	1/2 FL	5/8 FL
KAT*-0100	1	2	XL		1-7/8	1-5/32	389.0	24	20	14	8	10-11/16	8-3/16	6-3/8	1/2 FL	5/8 FL
KAL*-0150	1-1/2	2	H	L	1-7/8	15/16	313.0	24	20	14-3/8	8	10-11/16	8-3/16	6-3/8	1/2 FL	7/8 SWT
KAT*-0150	1-1/2	2	M		1-7/8	1-5/32	389.0	24	20	14-3/8	8	10-11/16	8-3/16	6-3/8	1/2 FL	7/8 SWT
EAA*-0150	1-1/2	2		L	1-3/4	1-5/32	339.0	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
EAB*-0150	1-1/2	2	M		1-7/8	1-5/32	389.0	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
EAC*-0150	1-1/2	2	H		1-3/4	1-5/32	339.0	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
EAJ*-0150	1-1/2	2	XL		1-15/16	1-3/8	492.4	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
EAV*0150	1-1/2	2	L		2	1-5/32	442.0	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
EAD*-0200	2	2		L	1-7/8	1-5/32	389.0	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
EAL*-0200	2	2	M		2	1-3/8	524.0	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
EAV*-0200	2	2	H	L	2	1-5/32	442.0	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	1/2 FL	7/8 SWT
3AH*0200	2	2	L		2-1/4	1-3/8	664.2	96	88	18	13-3/8	12-23/32	11-5/8	11	1/2 FL	7/8 SWT
3AJ*-0200	2	2	L		2-1/8	1-3/8	593.2	96	88	18	13-3/8	12-23/32	11-5/8	11	1/2 FL	7/8 SWT
3AB*0310	3	2		L	2	1-3/8	524.0	96	88	18-1/32	13-3/8	15-5/8	11-5/8	11	5/8 FL	1-1/8 SWT
LAC*-0310	3	2	M	XL	2-7/16	1-7/16	815.0	96	88	18-1/32	13-3/8	15-5/8	11-5/8	11	5/8 FL	1-1/8 SWT
LAH*-0310	3	2	H	L	2-1/4	1-7/16	698.0	96	88	18-1/32	13-3/8	15-5/8	11-5/8	11	5/8 FL	1-1/8 SWT
LAL*-0310	3	2	M		2-3/8	1-7/16	775.0	96	88	18-1/32	13-3/8	15-5/8	11-5/8	11	5/8 FL	1-1/8 SWT
LAM*-0310	3	2	L		2-7/16	1-11/16	952.0	96	88	18-1/32	13-3/8	15-5/8	11-5/8	11	5/8 FL	1-1/8 SWT

• KAL/KAT-1-1/2 HP models include positive displacement oil pump.  
 • All air-cooled models except LAC, LAH, LAM available with copper tube water coil around body for water-cooled application. Change "A" in model code to "W" when ordering compressor with water coil. Example: Change HAF\*-0025 to HWF\*-0025

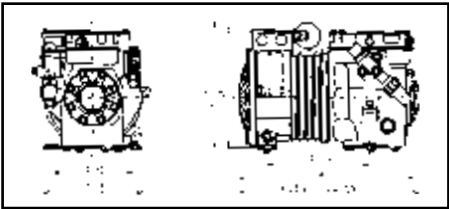
# REFRIGERATION & A/C DUTY COMPRESSORS

## COPELAMETIC R12, R22, R502

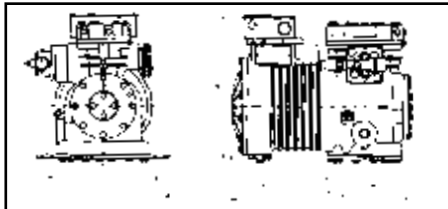
1/4 to 3 H.P.



Typical EA Family



Typical K Family



Typical L Family

**Electrical Data (Air-Cooled)**

Standard Model	Net Weight lbs.	Shipping Weight lbs.	Electrical Data						Service List Price	Salvage List Price
			115-1-60	208-1-60	230-1-60	208/230-3-60	460-3-60	575-3-60		
HAF*-0025	70	72	IAA		IAB				2,140.00	100
HAJ*-0025	70	72	IAA		IAB				1,656.00	
HAK*-0025	70	72								
HAF*-0033	70	72	IAA		IAB				1,746.00	100
HAJ*-0033	70	72	IAA		IAB				2,180.00	100
HAK*-0033	70	72	IAA		IAB				1,746.00	100
HAT*-0033	70	72	IAA		IAB				2,180.00	100
HAK*-0050	72	74	IAA		IAB				2,180.00	130
HAT*-0050	72	74	IAA		IAB				2,280.00	130
KAE*-0050	81	83	IAA	IAH	IAB	TAC			2,278.00	140
KAG*-0050	81	83	IAA	IAH	IAB	TAC			2,212.00	140
KAH*-0050	81	83								
KAM*-0050	81	83	IAA	IAH	IAB	TAC			2,212.00	140
KAN*-0050	81	83	IAA	IAH	IAB	TAC			2,212.00	140
KAA*-0075	89	91	IAA	IAH	IAB	TAC			2,310.00	150
KAJ*-0075	89	91	IAA	IAH	IAB	TAC			2,628.00	150
KAM*-0075	89	91	IAA	IAH	IAB	TAC			2,310.00	150
KAG*-0075	89	91	IAA	IAH	IAB	TAC			2,310.00	150
KAJ*-0100	89	91	CAA	CAH	CAB	TAC	TAD		2,698.00	150
KAK*-0100	89	91	CAA	CAH	CAB	TAC	TAD		2,698.00	150
KAL*-0100	89	91	CAA	CAH	CAB	TAC	TAD		2,698.00	150
KAT*-0100	89	91	CAA	CAH	CAB	TAC	TAD		2,698.00	150
KAL*-0150	94	96		CAH	CAB	TAC	TAD		3,162.00	200
KAT*-0150	94	96		CAH	CAB	TAC	TAD		3,162.00	200
EAA*-0150	152	162		CAH	CAB	TAC	TAD	TAE	4,194.00	210
EAB*-0150	152	162		CAH	CAB	TAC	TAD	TAE	3,276.00	210
EAC*-0150	152	162		CAH	CAB	TAC	TAD	TAE	3,276.00	210
EAJ*-0150	152	162		CAH	CAB	TAC	TAD	TAE	4,194.00	210
EAV*-0150	152	162		CAH	CAB	TAC	TAD	TAE	3,608.00	210
EAD*-0200	155	165		CAH	CAB	TAC	TAD	TAE	4,392.00	210
EAL*-0200	158	168		CAH	CAB	TAC	TAD	TAE	4,392.00	210
EAV*-0200	158	168		CAH	CAB	TAC	TAD	TAE	4,392.00	210
3AH*-0200	177	187		CAH	CAB	TAC	TAD	TAE	4,800.00	252
3AJ*-0200	177	187		CAH	CAB	TAC	TAD	TAE	3,898.00	
3AB*-0310	179	189			CAB	TAC	TAD	TAE	4,208.00	300
LAC*-0310	210	221			CAB	TAC	TAD	TAE	5,230.00	272
LAH*-0310	210	221			CAB	TAC	TAD	TAE	5,230.00	272
LAL*-0310	210	221			CAB	TAC	TAD	TAE	5,230.00	272
LAM*-0310	210	221			CAB	TAC	TAD	TAE	5,230.00	272

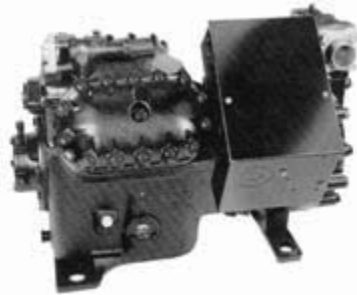
- All compressors may be operated at ±10% of nameplate voltage.
- All three phase models listed as 60 hertz are also rated 50 hertz as follows:  
 except model 9TH\*-1015-THD/TL and 9TK\*-0505-TFD.  
 208/230-3-60 50 hertz is 200/220-3-50  
 460-3-60 50 hertz is 380/400-3-50  
 575-3-60 50 hertz is 500-3-50

Motor protection:  
 Second character of Electrical Code indicates:  
 A - Single External Inherent  
 F - Internal Inherent, Line Break  
 H - Internal Thermostats and Two Supplementary Protectors  
 L - Internal Thermostats and Three Supplementary Protectors  
 S - Internal Sensor, Solid State

# REFRIGERATION & A/C DUTY COMPRESSORS

## COPELAMETIC R12, R22, R502

2 to 40 H.P.



4R



6R

### Specifications (Refrigerant-Cooled)

Standard Model	Nom. H.P.	Cyls.	60 Hertz Application			Bore (in)	Stroke (in)	CFH @ 1750 R.P.M.	Oil Charge (Fl. Oz)		Overall Dimensions (inches)			Base Mounting Centers (in)		Discharge Shut-Off Valve (in)	Suction Shut-Off Valve (in)
			R-12	R-22	R-502				Initial	Recharge	Length	Width	Height	Length	Width		
ERA*-0200	2	2		H		1-3/4	1-5/32	339	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	5/8 FL	7/8 SWT
ERC*-0200	2	2			M	1-3/4	1-5/32	339	80	72	16-1/8	12	13-3/4	10-1/16	10-1/2	5/8 FL	7/8 SWT
ERJ*-0200	2	2	H			1-15/16	1-3/8	492		72	16-1/8	12	13-3/4	10-1/16	10-1/2	5/8 FL	7/8 SWT
ERF*-0310	3	3		H	M	1-7/8	1-3/8	460	80	72	17-1/8	12	13-3/4	10-1/16	10-1/2	5/8 FL	1-1/8 SWT
NRB*-0310	3	3	H			2-1/4	1-7/16	698	80	72	20-15/16	13	16-3/8	11-5/8	11	5/8 FL	1-1/8 SWT
NRD*-0310	3	3	M		L	2-7/16	1-7/16	815	80	72	20-15/16	13	16-3/8	11-5/8	11	5/8 FL	1-1/8 SWT
NRN*-0310	3	3	L			2-3/16	2-1/8	970	80	72	20-15/16	13	16-3/8	11-5/8	11	5/8 FL	1-1/8 SWT
3RA*-0310	3	3			M	2-3/16	1-3/8	628	96	88	18	13	13-23/32	11-5/8	11	5/8 FL	1-1/8 SWT
3RK*-0310	3	3	H			2-5/16	1-3/8	701	96	88	18	13	13-23/32	11-5/8	11	5/8 FL	1-1/8 SWT
NRB*-0400	4	2		H		2-1/4	1-7/16	698	80	72	19-13/16	13	16-3/8	11-5/8	11	5/8 SWT	1-1/8 SWT
MRA*-0500	5	2	M		L	2-1/2	1-13/16	1080	112	96	22-1/8	13	17-29/32	11-5/8	11	7/8 SWT	1-3/8 SWT
MRF*-0500	5	2	H			2-1/2	1-13/16	1080	112	96	22-1/8	13	17-29/32	11-5/8	11	7/8 SWT	1-3/8 SWT
MRB*-0500	5	2	M		XL	2-5/8	1-13/16	1191	112	96	22-1/8	13	17-29/32	11-5/8	11	7/8 SWT	1-3/8 SWT
NRA*-0500	5	2		H		2-7/16	1-7/16	815	80	72	19-13/16	13	16-3/8	11-5/8	11	5/8 SWT	1-1/8 SWT
NRM*-0500	5	2		M	M	2-3/16	2-1/8	970	80	72	20-15/16	13	16-3/8	11-5/8	11	5/8 SWT	1-1/8 SWT
9RA*0505	5	3	M			2-3/16	2	1375	144	128	26-11/16	14	18-1/4	15	12	7/8 SWT	1-3/8 SWT
9RB*0505	5	3	L			2-3/8	2	1620	144	128	26-11/16	14	18-1/4	15	12	7/8 SWT	1-3/8 SWT
9RJ*0505	5	3	L			2-3/16	2	1375	144	128	26-11/16	14	18-1/4	15	12	7/8 SWT	1-3/8 SWT
MRH*-0760	7-1/2	2		H	M	2-9/16	1-13/16	1136	112	96	23	13	17-29/32	11-5/8	11	1-1/8 SWT	1-3/8 SWT
9RJ*-0765	7-1/2	3		M	M/L	2-3/16	2	1375	144	128	26-11/16	14	18-1/4	15	12	1-1/8 SWT	1-3/8 SWT
9RB*-0765	7-1/2	3	M		L	2-3/8	2	1620	144	128	26-11/16	14	18-1/4	15	12	1-1/8 SWT	1-3/8 SWT
9RC*-0765	7-1/2	3	H			2-3/8	2	1620	144	128	26-11/16	14	18-1/4	15	12	1-1/8 SWT	1-3/8 SWT
9RS*-0765	7-1/2	3	M		L	2-7/16	2-1/2	2120	144	128	26-11/16	14	18-1/4	15	12	1-1/8 SWT	1-3/8 SWT
9RC*-1015	10	3		H	M	2-3/8	2	1620	144	128	26-1/2	14	18-1/2	15	12	1-1/8 SWT	1-3/8 SWT
9RS*-1015	10	3	H		L	2-7/16	2-1/2	2120	144	128	26-1/2	14	18-1/2	15	12	1-1/8 SWT	1-3/8 SWT
4RA*-1000	10	4	H		L	2-1/2	2	2380	168	152	25-3/16	18-9/16	18-29/32	15	12	1-1/8 SWT	1-5/8 SWT
6RA*-1000	10	6	L			2-1/2	2	3580	184	168	28-1/8	20-1/8	17-29/32	15	12	1-3/8 SWT	1-5/8 SWT
9RS*-1505	15	3		H	M	2-7/16	2-1/2	2120	144	128	28-3/8	14	18-1/2	15	12	1-1/8 SWT	1-5/8 SWT
4RH*-1500	15	4	H			2-11/16	2-3/16	3020	136	120	25-3/16	18-15/16	19-3/32	15	12	1-1/8 SWT	1-5/8 SWT
4RL*-1500	15	4			L	2-11/16	2-3/16	3020	136	120	26-23/32	18-15/16	28-19/32	15	12	1-1/8 SWT	1-5/8 SWT
4RA*-2000	20	4		H	M	2-1/2	2	2380	136	120	25-3/16	18-9/16	18-29/32	15	12	1-1/8 SWT	1-5/8 SWT
6RA*-2000	20	6	H		L	2-1/2	2	3580	160	144	29-3/16	20-1/8	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RH*-2000	20	6	H			2-11/16	2-3/16	4530	160	144	29-3/16	20-1/2	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
4RH*2500	25	4		H	M	2-11/16	2-3/16	3020	152	136	26-5/32	18-15/16	19-3/32	15	12	1-1/8 SWT	2-1/8 SWT
6RL*-2500	25	6			L	2-11/16	2-3/16	4530	160	144	29-5/16	20-1/2	30-5/32	15	12	1-3/8 SWT	2-1/8 SWT
4RJ1-3000	30	4		H	M	2-15/16	2-3/16	3603	152	136	26-29/32	19-13/16	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
4RJ2-3000	30	4		H	M	2-15/16	2-3/16	3603	234	218	26-29/32	19-13/16	21-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RA*-3000	30	6		H	M	2-1/2	2	3580	160	144	29-3/16	20-1/8	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RT*-3000	30	6			L	2-15/16	2-3/16	5404	242	226	29-5/16	20-1/2	30-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RH*-3500	35	6		H	M	2-11/16	2-3/16	4530	160	144	29-15/16	20-1/2	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RJ*-4000	40	6		H	M	2-15/16	2-3/16	5404	242	226	29-15/16	21-5/8	21-5/32	15	12	1-3/8 SWT	2-1/8 SWT

#### Temp. Range

High Temp (45°F Max; 0°F Min)  
 Med Temp (25°F Max; -5°F Min)  
 Low Temp (-5°F Max; -40°F Min)  
 Extra Low Temp (-20°F Max; -40°F Min)  
 Two Stage (see compressor spec. sheet)

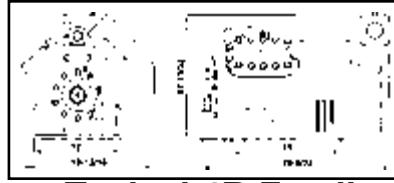
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Individual compressor models may vary in application temperature range. See individual compressor specification sheet for details. Auxiliary forced air cooling required at evaporation temperatures below 0°F. Models with oil pump require oil pressure safety control. The following models have oil pump: NR, MR, 9R, 4R, 6R.

# REFRIGERATION & A/C DUTY COMPRESSORS

## COPELAMETIC R12, R22, R502

2 to 40 H.P.



Typical 4R Family



Typical 6R Family

### Electrical Data (Refrigerant-Cooled)

Standard Model	Elec. Notes	Net Weight lbs.	Shipping Weight lbs.	Electrical Data					Service List Price	Salvage List Price
				230-1-60	208/230-3-60	208/230-3/60 460-3-60	460-3-60	575-3-60		
ERA*-0200		160	170	CAB	TAC		TAD	TAE	4,392.00	210
ERC*-0200		160	170	CAB	TAC		TAD		4,392.00	210
ERJ*-0200	1	160	170	CAB	TAC		TAD	TAE	4,392.00	210
ERF*-0310		177	187	CAB	TAC		TAD	TAE	4,204.00	272
NRB*-0310		216	232	CFB	TFC		TFD	TFE	6,210.00	282
NRD*-0310	2	216	232	CFB	TFC		TFD	TFE	6,206.00	282
NRN*-0310		216	232	CFB	TFC		TFD	TFE	5,040.00	282
3RA*-0310		177	187	CAB	TAC		TAD		5,198.00	300
3RK*-0310		185	193	CAB	TAC		TAD	TAE	5,198.00	300
NRB*-0400		231	240	CFB	TFC		TFD		6,210.00	324
MRA*-0500		269	286	CFB	TFC		TFD	TFE	6,360.00	404
MRF*-0500	2	269	286	CFB	TFC		TFD	TFE	6,360.00	404
MRB*-0500		269	286		TFC		TFD	TFE	6,360.00	404
NRA*-0500		231	248	CFB	TFC		TFD	TFE	6,250.00	404
NRM*-0500		231	248	CFB	TFC		TFD	TFE	6,250.00	404
9RA*-0505		309	323	CFB	TFC		TFD	TFE	6,726.00	420
9RB*-0505		309	323	CFB	TFC		TFD	TFE	6,726.00	420
9RJ*-0505		309	323	CFB	TFC		TFD	TFE	6,726.00	420
MRH*-0760		281	298		TFC		TFD	TFE	6,934.00	454
9RJ*-0765	2	318	332		TFC		TFD	TFE	7,160.00	474
9RB*-0765		318	332		TFC		TFD	TFE	6,862.00	474
9RC*-0765	2	318	332		TFC		TFD	TFE	7,160.00	474
9RS*-0765		333	348		TFC		TFD	TFE	7,160.00	474
9RC*-1015	3	345	359		TLC		TLD	TLE	7,346.00	626
9RS*-1015	2, 3	345	359		TLC		TLD	TLE	7,662.00	626
4RA*-1000		369	400			TSK		TSE	8,328.00	670
6RA*-1000		415	440			TSK		TSE	12,092.00	704
9RS*-1505	3	365	379		TLC		TLD	TLE	8,166.00	
4RH*-1500		407	429			TSK		TSE	7,344.00	666
4RL*-1500		407	429			TSK		TSE	10,276.00	666
4RA*-2000		394	411			TSK		TSE	8,966.00	666
6RA*-2000		425	450			TSK		TSE	14,044.00	860
6RH*-2000		430	451			TSK		TSE	14,044.00	860
4RH*-2500		415	437			TSK		TSE	10,038.00	760
6RL*-2500		460	482			TSK		TSE	14,204.00	860
4RJ1-3000		470	495			TSK		TSE	12,456.00	860
4RJ2-3000		505	530			TSK		TSE	12,994.00	860
6RA*-3000		475	496			TSK		TSE	15,882.00	1010
6RT*-3000		500	525			TSK		TSE	13,580.00	1010
6RH*-3500		484	507			TSK		TSE	16,678.00	1114
6RJ*-4000	4	535	560			TSN		TSE	17,790.00	1114

Electrical Notes:

- ERJ2-0200-CAH available for 208-1-60, CAS available for 220-1-50
- Dual Cycle 200-3-50/60 available. Use TFU electrical code. Non-U.L.
- TLC, TLD, TLE Electrical Code has three leg motor protection to meet U.L. requirements for primary single phasing. Also available with two leg motor protection as THC, THD or THE.
- TSN electrical code is 230/460-3-60
- All TSK, TSN, FSM, FSR, FSD and FSU motors are designed for either part winding or across the line start at the lower rated voltage and across the line start only at the higher rated voltage

- Auxiliary fan cooling standard on following low temperature models:  
4RL\*-1500 6RL\*-2500 6RT\*-3000

- Auxiliary fan cooling is available as optional item on following low temperature models for evaporating temperatures below 0°F:

NRD\*-0310 NRN\*-0310 MRA\*-0500 MRB\*-0500  
9RB\*-0505 9RJ\*-0505 9RJ\*-0765 9RB\*-0765  
9RS\*-0765 9RS\*-1015 4RA\*-1000 6RA\*-1000  
6RA\*-2000

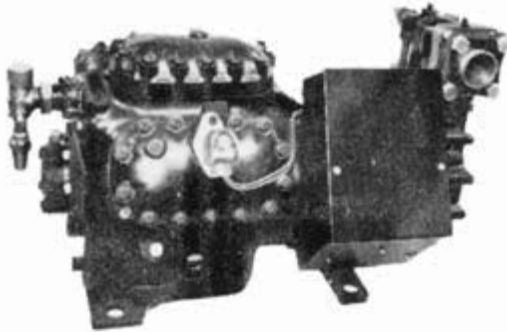
- Patented crankcase venting system to insure positive oil return to crankcase
- Positive displacement reversing type oil pump with oil inlet screen on NR, MR, 9R, 4R and 6R models.
- Solid state motor protection on all 4R/6R models. Also on all MR and 9R part winding start models.



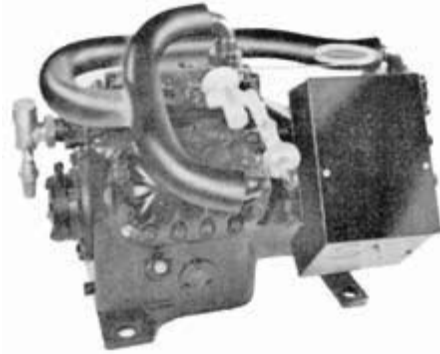
# REFRIGERATION & A/C DUTY COMPRESSORS

## COPELAMETIC R12, R22, R502

5 to 40 H.P.



Capacity Controlled Models



Two Stage Models

### Specifications (Capacity Control Models)

Standard Model	Nom. H.P.	Cyls.	60 Hertz Application <sup>3</sup>		Bore (in)	Stroke (in)	CFH @ 1750 R.P.M.	Oil Charge (Fl. Oz)		Overall Dimensions (inches)			Base Mounting Centers (in)		Discharge Shut-Off Valve (in)	Suction Shut-Off Valve (in)
			R-12	R-22				Initial	Recharge	Length	Width	Height	Length	Width		
9RP*-0765	7-1/2	3	H		2-3/8	2	1620	144	128	25-5/8	14-13/16	23-7/8	15	12	7/8 SWT	1-3/8 SWT
9RP*-1015	10	3		H	2-3/8	2	1620	144	128	26-1/2	14-13/16	23-7/8	15	12	1-1/8 SWT	1-3/8 SWT
4RE*-1000	10	4	H		2-1/2	2	2380	168	152	25-3/16	18-9/16	18-29/32	15	12	1-1/8 SWT	1-5/8 SWT
9RT*-1505	15	3		H	2-7/16	2-1/2	2120	144	128	27-3/8	14-13/16	23-7/8	15	12	1-1/8 SWT	1-5/8 SWT
4RK*-1500	15	4	H		2-11/16	2-3/16	3020	136	120	25-3/16	18-15/16	19-3/32	15	12	1-1/8 SWT	1-5/8 SWT
4RE*-2000	20	4		H	2-1/2	2	2380	136	120	25-3/16	18-9/16	18-29/32	15	12	1-1/8 SWT	1-5/8 SWT
6RE*-2000 <sup>1</sup>	20	6	H		2-1/2	2	3580	160	144	29-3/16	20-1/8	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RK*-2000 <sup>1</sup>	20	6	H		2-11/16	2-3/16	4530	160	144	29-3/16	20-1/2	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RN*-2000 <sup>2</sup>	20	6	H		2-1/2	2	3580	160	144	29-3/16	22-5/8	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RP*-2000 <sup>2</sup>	20	6	H		2-11/16	2-3/16	4530	160	144	29-3/16	23	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
4RK*-2500	25	4		H	2-11/16	2-3/16	3020	152	136	26-5/32	18-15/16	19-3/32	15	12	1-1/8 SWT	2-1/8 SWT
4RR1-3000	30	4		H	2-15/16	2-3/16	3603	152	136	26-29/32	19-13/16	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
4RR2-3000	30	4		H	2-15/16	2-3/16	3603	234	218	26-29/32	19-13/16	21-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RE*-3000 <sup>1</sup>	30	6		H	2-1/2	2	3580	160	144	29-3/16	20-1/8	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RN*-3000 <sup>2</sup>	30	6		H	2-1/2	2	3580	160	144	29-3/16	22-5/8	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RK*-3500 <sup>1</sup>	35	6		H	2-11/16	2-3/16	4530	160	144	29-15/16	20-1/2	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RP*-3500 <sup>2</sup>	35	6		H	2-11/16	2-3/16	4530	160	144	29-15/16	23	19-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RR*-4000 <sup>1</sup>	40	6		H	2-15/16	2-3/16	5404	242	226	29-15/16	21-5/8	21-5/32	15	12	1-3/8 SWT	2-1/8 SWT
6RS*-4000 <sup>2</sup>	40	6		H	2-15/16	2-3/16	5404	242	226	29-15/16	24-1/8	21-5/32	15	12	1-3/8 SWT	2-1/8 SWT

### Two-Stage Motor Specifications

Standard Model	Nom. H.P.	Cyls.	60 Hertz Application <sup>3</sup>		Bore (in)	Stroke (in)	CFH @ 1750 R.P.M.	Oil Charge (Fl. Oz)		Overall Dimensions (inches)			Base Mounting Centers (in)		Discharge Shut-Off Valve (in)	Suction Shut-Off Valve (in)
			R-22	R-502				Initial	Recharge	Length	Width	Height	Length	Width		
9TK*-0505	5	3	T	T	2-3/16	2	1375	144	128	24-7/8	14	20-7/8	15	12	7/8 SWT	1-3/8 SWT
9TL*-0765	7-1/2	3	T	T	2-3/8	2	1620	144	128	24-7/8	14	20-7/8	15	12	7/8 SWT	1-3/8 SWT
9TH*-1015	10	3	T	T	2-7/16	2-1/2	2120	144	128	25-3/4	14	20-7/8	15	12	7/8 SWT	1-3/8 SWT
6RB*-1000	10	6	T		2-1/2	2	3580	184	168	28-3/32	21-5/8	20-25/32	15	12	1-3/8 SWT	1-3/8 SWT
6RB*-2000	20	6		T	2-1/2	2	3580	160	144	28-3/32	21-5/8	20-25/32	15	12	1-3/8 SWT	1-3/8 SWT
6TM*-2000	20	6	T	T	2-11/16	2-3/16	4530	160	144	28-3/32	22	21	15	12	1-3/8 SWT	1-3/8 SWT

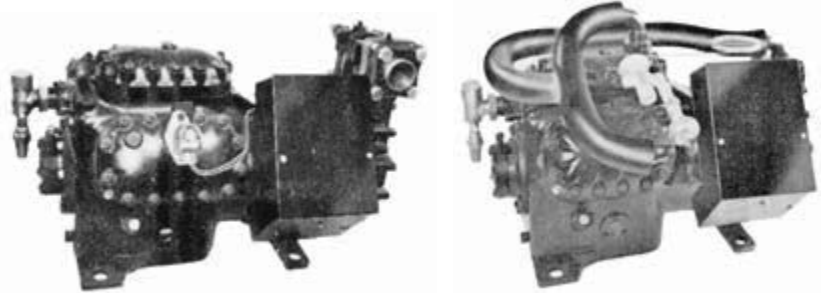
<sup>1</sup> Two Cylinder Unloading      <sup>2</sup> Four Cylinder Unloading      <sup>3</sup> Minimum Evaporating Temperature: +25°F

\* Capacity Control Solenoid Valves are mounted on 9R Models, but shipped as loose items on 4R and 6R models.  
Sub-Coolers on Two Stage Models are shipped as loose items.

# REFRIGERATION & A/C DUTY COMPRESSORS

## COPELAMETIC R12, R22, R502

**5 to 40 H.P.**



### Electrical Data (Capacity Control Models)

Standard Model	Elec. Notes	Net Weight lbs.	Shipping Weight lbs.	Electrical Data					Service List Price	Salvage List Price
				208/230-3-60	208/230-3/60 460-3-60	460-3-60	575-3-60	220/240-3-50		
9RP*-0765		327	344			TFD	TFE	FSR		
9RP*-1015	3	354	371	TLC	THD / THC	TLD	TLE	FSR	7,902.00	
4RA*-1000		374	405		TSK		TSE	FSR	8,328.00	670
9RT*-1505	3	371	385	TLC	TSC / TFD / E	TLD	TLE	FSR	6,612.00	
4RK*-1500		412	431		TSK			FSR		666
4RE*-2000		403	420		TSK		TSE	FSR	9,364.00	666
6RE*-2000 <sup>1</sup>		430	455		TSK		TSE	FSR		860
6RK*-2000 <sup>1</sup>		435	460		TSK		TSE	FSR		860
6RN*-2000 <sup>2</sup>		435	460		TSK		TSE	FSR		860
6RP*-2000 <sup>2</sup>		440	465		TSK		TSE	FSR		
4RK*-2500		427	449		TSK		TSE	FSR	10,476.00	760
4RR1-3000		470	495		TSK		TSE	FSR	12,994.00	860
4RR2-3000		470	495		TSK		TSE	FSR	12,994.00	860
6RE*-3000 <sup>1</sup>		479	502		TSK		TSE	FSR	15,882.00	1010
6RN*-3000 <sup>2</sup>		479	502		TSK		TSE	FSR	15,882.00	1010
6RK*-3500 <sup>1</sup>		496	519		TSK		TSE	FSR	16,678.00	1114
6RP*-3500 <sup>2</sup>		506	529		TSK		TSE	FSR	15,962.00	1114
6RR*-4000 <sup>1</sup>	4	541	566		TSN		TSE	FSR	17,790.00	1114
6RS*-4000 <sup>2</sup>	4	538	563		TSN		TSE	FSR	17,790.00	1114

### Two-Stage Motor Compressors Electrical Data

Standard Model	Elec. Notes	Net Weight lbs.	Shipping Weight lbs.	Electrical Data					Service List Price	Salvage List Price
				208/230-3-60	208/230-3/60 460-3-60	460-3-60	575-3-60	220/240-3-50		
9TK*-0505		340	357	TFC		TFD	TFE	FSR	8,556.00	420
9TL*-0765		350	367	TFC		TFD		FSR	8,790.00	474
9TH*-1015	3	358	375	TLC	TFC	TLD		FSR	9,094.00	626
6RB*-1000		415	436		TSK			FSR		704
6RB*-2000		420	441		TSK		TSE	FSR	17,026.00	860
6TM*-2000		420	441		TSK		TSE	FSR	16,430.00	760

Standard Capacity Control Solenoid Voltage is 208/240 VAC. 24 VAC, 120 VAC and 460 VAC also available.

- Compressor capacity can be modulated to match load demand
- Internal capacity control on 4R/6R
- External capacity control on 9R
- Multiple step unloading available on 6R
- Conversion kits available to allow interchangeability between standard and capacity control models.

- Two-stage manifold self contained on compressors
- Safe, efficient performance down to ultra-low temperatures
- Two to one displacement ratio
- Desuperheating expansion valve provides safe motor cooling at high compression ratios

# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC - R-22

H, K, E, 3, L & N

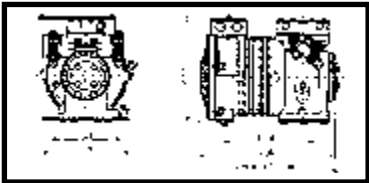
Standard Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient			Start Capacitor		Run Capacitor		Alternative Applications			Relay Part # (040-)	LIST
			BTUH	Watts	Amps	MFD	Volts	MFD	Volts	R-12	R-502	R-22		
<b>HCFC-22 HIGH TEMP</b>			<b>45 / 130 / 65 / 130 / 95°F</b>											
HAG2-0050-CAA	115-1	76.1	5410	640	6.0	400-480	110	10	370			MH	0001-22	
HAG2-0050-CAV	208/230-1	76.1	5410	640	3.0	108-130	330	10	370			MH	0001-03	
HAG1-0050-TAC	208/230-3	76.1	5280	640	2.1	-	-	-	-			MH	-	2,280.00
KAN2-0075-CAA	115-1	112.8	8360	925	9.6	541-634	110	30	370			MH	0001-22	2,310.00
KAN2-0075-CAV	208/230-1	112.8	8360	925	4.8	145-174	220	10	370			MH	0001-03	2,310.00
KAN1-0075-TAC	208/230-3	112.8	8560	900	3.0	-	-	-	-			MH	-	2,310.00
KAR2-0100-CAA	115-1	157.5	11900	1550	14.6	430-516	125	40	330		M	MH	0001-11	2,698.00
KAR2-0100-CAV	208/230-1	157.5	11900	1550	7.3	145-174	220	20	440		M	MH	0001-04	2,698.00
KAR1-0100-TAC	208/230-3	157.5	11500	1520	4.6	-	-	-	-		M	MH	-	2,698.00
KAR1-0100-TAD	460-3	157.5	11500	1520	2.3	-	-	-	-		M	MH	-	
KAM2-0100-CAA	115-1	169.2	13800	1470	14.0	430-516	125	40	330			MH	0001-11	
KAM2-0100-CAV	208/230-1	169.2	13800	1470	7.0	145-174	220	20	440			MH	0001-04	2,698.00
KAM1-0100-TAC	208/230-3	169.2	13300	1350	4.4	-	-	-	-			MH	-	2,698.00
KAM1-0100-TAD	460-3	169.2	13300	1350	2.2	-	-	-	-			MH	-	
KAGB-0150-CAV	208/230-1	184.9	15300	1620	8.0	130-156	330	25	480			MH	0001-00	3,162.00
KAGA-0150-TAC	208/230-3	184.9	15300	1590	5.4	-	-	-	-			MH	-	3,162.00
KAGA-0150-TAD	460-3	184.9	15300	1590	2.7	-	-	-	-			MH	-	
KAKB-0200-CAV	208/230-1	254.8	21400	2320	11.0	130-156	330	25	480	M	M	LMH	0001-00	3,278.00
KAKA-0200-TAC	208/230-3	254.8	21000	2240	7.3	-	-	-	-	M	M	LMH	-	3,278.00
KAKA-0200-TAD	460-3	254.8	21000	2240	3.7	-	-	-	-	M	M	LMH	-	
ERA2-0200-CAB	230-1	338.0	20100	2440	11.6	130-156	330	25	440			MH	0001-00	4,392.00
ERA1-0200-TAC	208/230-3	338.0	20000	2380	8.1	-	-	-	-			MH	-	4,392.00
ERA1-0200-TAD	460-3	338.0	20000	2380	4.1	-	-	-	-			MH	-	
ERA1-0200-TAE	575-3	338.0	20000	2380	3.3	-	-	-	-			MH	-	4,392.00
EAD2-0320-CAB	230-1	388.0	30700	3310	14.9	189-227	330	40	440			MH	0001-08	
EAD1-0320-TAC	208/230-3	388.0	31800	3270	10.1	-	-	-	-			MH	-	4,880.00
EAD1-0320-TAD	460-3	388.0	31800	3270	5.1	-	-	-	-			MH	-	
ERF2-0310-CAB	230-1	461.4	35900	4280	17.3	130-156	330	40	440		M	MH	0001-08	4,880.00
ERF1-0311-TAC	208/230-3	461.4	35200	3840	11.6	-	-	-	-		M	MH	-	
ERF1-0311-TAD	460-3	461.4	35200	3840	5.8	-	-	-	-		M	MH	-	
ERF1-0300-TAE	575-3	461.4	35200	3840	4.6	-	-	-	-		M	MH	-	4,880.00
NRB2-0400-TFC	208/230-3	694.6	50100	5420	16.9	-	-	-	-		M	MH	-	6,210.00
NRB2-0400-TFD	460-3	694.6	50100	5420	8.5	-	-	-	-		M	MH	-	
NRB2-0400-TFE	575-3	694.6	50100	5420	6.8	-	-	-	-		M	MH	-	6,210.00
NRA2-0500-TFC	208/230-3	815.2	57600	6910	19.4	-	-	-	-		M	MH	-	6,250.00
NRA2-0500-TFD	460-3	815.2	57600	6910	9.7	-	-	-	-		M	MH	-	
NRA2-0500-TFE	575-3	815.2	57600	6910	7.8	-	-	-	-		M	MH	-	6,250.00

Standard Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient			Start Capacitor		Run Capacitor		Alternative Applications		Relay Part # (040-)	LIST
			BTUH	Watts	Amps	MFD	Volts	MFD	Volts	R-502	R-22		
<b>HCFC-22 MED TEMP</b>			<b>20 / 120 / 65 / 120 / 95°F</b>										
HAJ2-0050-CAA	115-1	84.1	3800	570	5.6	400-480	110	10	370	M	M	0001-22	
HAJ2-0050-CAV	208/230-1	84.1	3800	570	2.8	108-130	330	10	370	M	M	0001-03	2,280.00
HAJ1-0050-TAC	208/230-3	84.1	3700	570	2.0	-	-	-	-	M	M	-	2,280.00
KAE2-0075-CAA	115-1	134.2	6090	950	9.8	541-634	110	30	370	L	M	0001-22	
KAE2-0075-CAV	208/230-1	134.2	6090	950	4.9	145-174	220	10	370	L	M	0001-03	2,230.00
KAE1-0075-TAC	208/230-3	134.2	6080	930	3.0	-	-	-	-	L	M	-	2,310.00
ERC2-0200-CAB	230-1	338.0	14400	2120	8.7	130-156	330	25	440	M	M	0001-00	4,392.00
ERC1-0200-TAC	208/230-3	338.0	14500	2020	6.1	-	-	-	-	M	M	-	4,392.00
ERC1-0200-TAD	460-3	338.0	14500	2020	3.1	-	-	-	-	M	M	-	
3RA2-0310-CAB	230-1	628.0	25800	4030	20.7	130-156	330	40	440	M	M	0001-08	5,198.00
3RA1-0311-TAC	208/230-3	628.0	25800	3830	14.3	-	-	-	-	M	M	-	
3RA1-0311-TAD	460-3	628.0	25800	3830	7.2	-	-	-	-	M	M	-	
NRM1-0500-TFC	208/230-3	970.5	43400	6130	19.7	-	-	-	-	M	M	-	6,250.00
NRM1-0500-TFD	460-3	970.5	43400	6130	9.9	-	-	-	-	M	M	-	
NRM1-0500-TFE	575-3	970.5	43400	6130	7.9	-	-	-	-	M	M	-	6,250.00

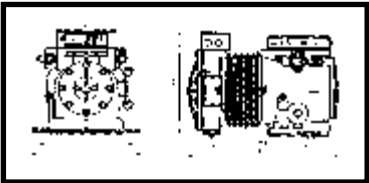
# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC - R-22

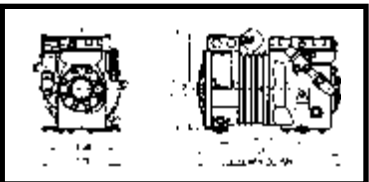
H, K, E, 3, L & N



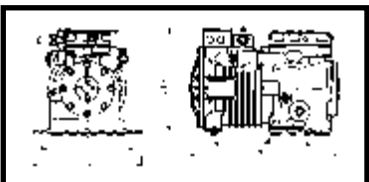
Typical H Family



Typical 3A Family



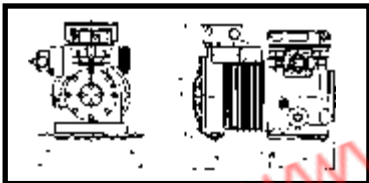
Typical K Family



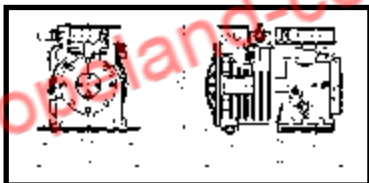
Typical 3R Family



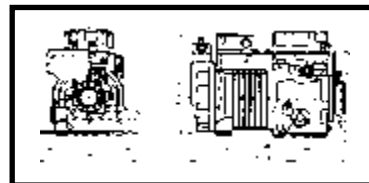
Typical EA Family



Typical L Family



Typical ER Family



Typical N Family

Standard Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient			Start Capacitor		Run Capacitor		Alternative Applications			Relay Part # (040-)	LIST
			BTUH	Watts	Amps	MFD	Volts	MFD	Volts	R-12	R-502	R-22		
<b>HCFC-22 LOW TEMP</b>			<b>-25 / 105 / 65 / 105 / 95°F</b>											
HAFB-0033-IAA	115-1	63.4	695	295	4.7	324-389	115	-	-	MH	L	L	0001-01	2,180.00
HATB-0051-CAA	115-1	123.3	1930	565	8.5	400-480	115	10	370	M		L	0001-11	
KANB-0050-IAA	115-1	112.8	1340	425	6.4	400-480	115	-	-	MH	L	L	0001-01	
KANB-0050-CAV	208/230-1	112.8	1340	426	3.2	108-130	330	10	370	MH	L	L	0001-03	2,212.00
KAMB-0075-CAA	115-1	169.2	2720	670	7.4	430-516	125	40	330			L	0001-11	2,310.00
KAMB-0075-CAV	208/230-1	169.2	2720	670	3.7	145-174	220	10	370	MH	L	L	0001-03	2,310.00
KAMA-0075-TAC	208/230-3	169.2	2470	590	2.3	-	-	-	-	MH	L	L	-	2,310.00
KAJB-0100-CAV	208/230-1	218.5	3470	820	4.1	145-174	220	20	440	MH	L	L	0001-04	2,698.00
KAJA-0101-TAC	208/230-3	218.5	3370	800	3.1	-	-	-	-	MH	L	L	-	2,698.00
KAKB-0200-CAV	208/230-1	254.8	4030	1090	5.9	130-156	330	25	480	M	M	LMH	0001-00	3,278.00
KAKA-0200-TAC	208/230-3	254.8	3810	905	3.9	-	-	-	-	M	M	LMH	-	3,278.00
KAKA-0200-TAD	460-3	254.8	3810	905	2.0	-	-	-	-	M	M	LMH	-	
EADB-0200-CAB	230-1	388.0	5590	1340	6.2	130-156	330	25	440		L	L	0001-00	
EADA-0200-TAC	208/230-3	388.0	5710	1290	4.3	-	-	-	-		L	L	-	
EADA-0200-TAD	460-3	388.0	5710	1290	2.2	-	-	-	-		L	L	-	
EAVB-0210-CAV	208/230-1	441.4	6820	1730	8.3	189-227	330	40	440			L	0001-08	4,392.00
EAVA-0210-TAC	208/230-3	441.4	6470	1410	5.2	-	-	-	-			L	-	
EAVA-0210-TAD	460-3	441.4	6470	1410	2.6	-	-	-	-			L	-	
3AJB-0210-CAB	230-1	592.6	8310	2010	10.0	189-227	330	40	440			L	0001-08	3,746.00
3AJA-0210-TAC	208/230-3	592.6	8420	2040	7.4	-	-	-	-			L	-	4,800.00
LAHB-0311-CAB	230-1	694.6	9890	2270	10.4	189-227	330	40	440			L	0001-08	
LAHA-0310-TAC	208/230-3	694.6	9840	2080	7.6	-	-	-	-			L	-	5,230.00
LAHA-0310-TAD	460-3	694.6	9840	2080	3.8	-	-	-	-			L	-	



# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC - R-134a, R-404A, R-507

H, K, E, 3A, 3R, L & N



H



K



E



3



L



N

www.copeland.compressor.com

Standard Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient			Start Capacitor		Run Capacitor		Alternative Applications				Relay Part # (040-)	LIST
			BTUH	Watts	Amps	MFD	Volts	MFD	Volts	R-502	R-22	R-134a	R-507*		
<b>R-404A MED TEMP</b>			<b>20 / 120 / 65 / 120 / 95°F</b>												
HAJB-005E-CAV	208/230-1	84.2	3910	685	3.3	108-130	330	10	370		M		M	0001-09	2,280.00
KARB-010E-CAV	208/230-1	157.5	7490	1320	6.2	145-174	220	20	440	M	MH		M	0001-04	2,698.00
KARA-010E-TAC	208/230-3	157.5	7220	1280	4.1	-	-	-	-		MH		M	-	2,698.00
KAKB-021E-CAV	208/230-1	255.1	12100	2130	9.6	130-156	330	40	440				M	0001-00	3,278.00
KAKA-020E-TAC	208/230-3	255.1	11900	1850	6.4	-	-	-	-				M	-	3,278.00
ERCA-021E-TAC	208/230-3	337.8	15100	2480	7.3	-	-	-	-		M		M	-	4,392.00
ERFA-031E-TAC	208/230-3	461.3	22300	3460	10.3	-	-	-	-		MH		M	-	4,880.00
ERFA-031E-TAD	460-3	461.3	22300	3460	5.2	-	-	-	-		MH		M	-	
ERFA-031E-TAE	575-3	461.3	22300	3460	4.1	-	-	-	-				M	-	
3RAA-031E-TAC	208/230-3	628.2	26200	4240	12.2	-	-	-	-		M		M	-	5,198.00
NRB2-040E-TFC	208/230-3	694.8	29900	4770	15.8	-	-	-	-				M	-	

# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC - R-134a, R-404A, R-507

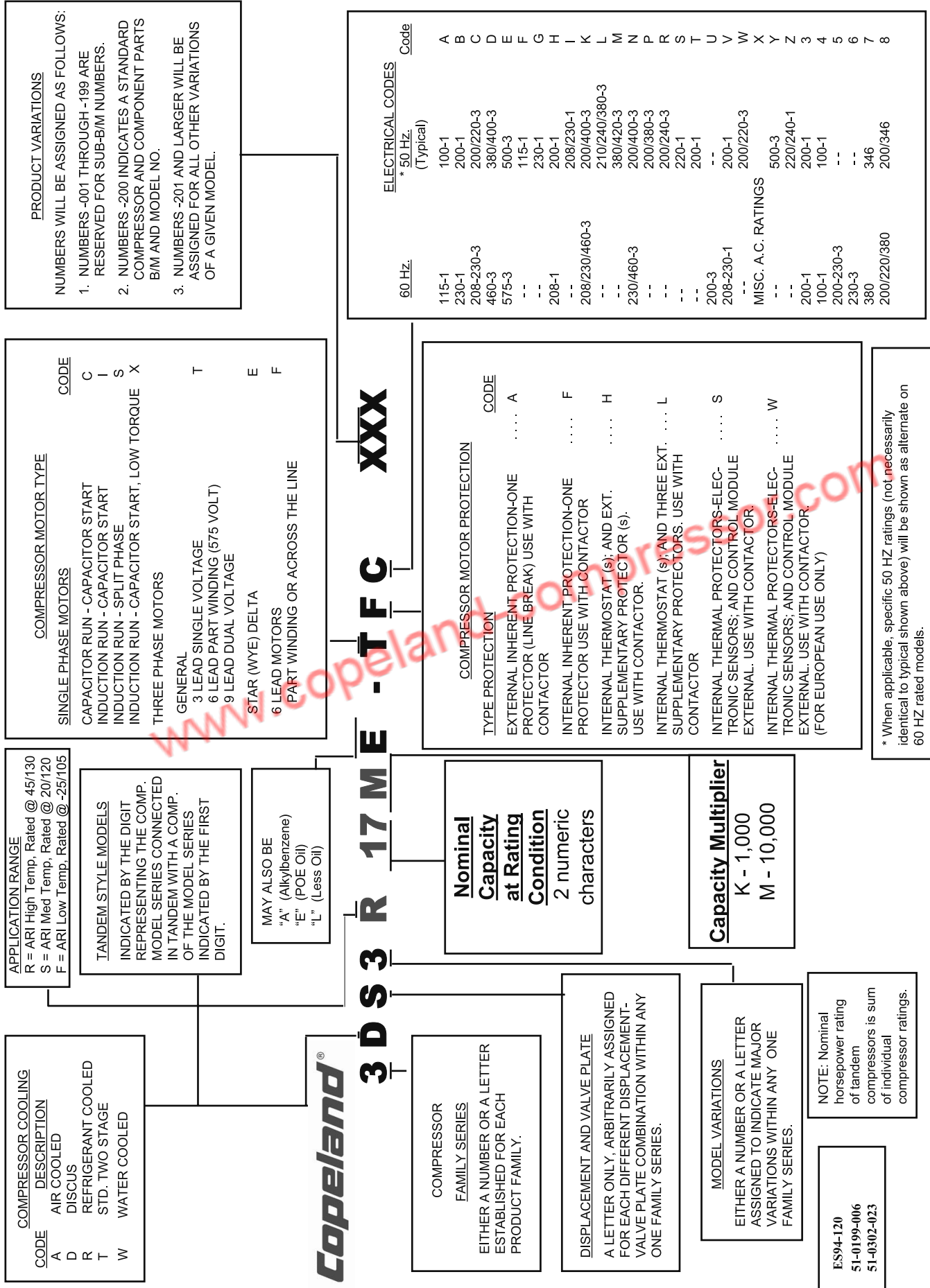
**H, K, E, 3A, 3R, L & N**



Standard Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient			Start Capacitor		Run Capacitor		Alternative Applications				Relay Part # (040-)	LIST
			BTUH	Watts	Amps	MFD	Volts	MFD	Volts	R-502	R-22	R-134a	R-507*		
<b>R-404A LOW TEMP</b>			-25 / 105 / 65 / 105 / 95°F												
HAFB-003E-IAA	115-1	63.4	882	310	4.9	324-389	115	-	370	L	L		L	0001-01	
KANB-005E-IAA	115-1	112.7	1510	443	4.4	400-480	115	-	440		L	MH	L	0001-01	
KANB-005E-CAV	208/230-1	112.7	1510	443	2.2	108-130	330	10	-	L	L		L	0001-03	
KANA-006E-TAC	208/230-3	112.7	1400	421	1.7	-	-	-	440				L	-	
HATB-005E-CAA	115-1	123.3	2070	595	8.6	400-480	115	20	-	M				0001-11	2,280.00
KAEB-007E-CAA	115-1	134.2	2030	611	7.0	540-648	115	30	-	L	M		L	0001-22	
KAEB-007E-CAV	208/230-1	134.2	2030	611	3.5	145-174	220	10	-	L	M		L	0001-03	2,310.00
KAEA-007E-TAC	208/230-3	134.2	1980	556	2.3	-	-	-	-	L	M		L	-	
KAMB-007E-CAA	115-1	169.2	2800	730	8.0	430-516	125	40	-		L			0001-25	2,310.00
KAMB-007E-CAV	208/230-1	169.2	2800	730	4.0	145-174	220	10	-	L	L	MH		0001-03	2,310.00
KAMA-007E-TAC	208/230-3	169.2	2610	679	2.6	-	-	-	-	L	L		L	-	
KAJB-010E-CAV	208/230-1	218.6	3810	914	4.5	145-174	220	20	-	L	L	MH		0001-04	2,698.00
KAJA-011E-TAC	208/230-3	218.6	3710	929	3.6	-	-	-	-		L	MH	L	-	2,698.00
KAJA-011E-TAD	460-3	218.6	3710	929	1.8	-	-	-	-		L		L	-	
KAKB-011E-CAV	208/230-1	255.1	4410	1280	5.9	145-174	220	40	-					0001-04	2,698.00
KALB-015E-CAV	208/230-1	314.7	5690	1440	7.0	130-156	330	25	-	L		MH	L	0001-00	3,162.00
KALA-016E-TAC	208/230-3	314.7	5610	1310	5.3	-	-	-	-			MH	L	-	3,162.00
KALA-016E-TAD	460-3	314.7	5610	1310	2.6	-	-	-	-				L	-	
KATA-020E-TAU	200-3	387.8	7020	1640	6.2	-	-	-	-				L	-	
EADB-021E-CAB	230-1	387.8	6290	1560	7.2	130-156	330	25	-					0001-00	4,392.00
EADA-020E-TAC	208/230-3	387.8	6260	1480	4.8	-	-	-	-	L	L		L	-	4,392.00
EAVB-021E-CAV	208/230-1	441.3	7510	1900	9.2	189-227	330	40	-	L	L	MH	L	0001-08	4,392.00
EAVA-021E-TAC	208/230-3	441.3	6970	1620	5.6	-	-	-	-	L	L	MH	L	-	4,392.00
EAVA-021E-TAD	460-3	441.3	6970	1620	2.8	-	-	-	-		L		L	-	4,392.00
EAVA-021E-TAE	575-3	441.3	6970	1620	2.2	-	-	-	-					-	4,392.00
3ABB-032E-CAB	230-1	524.9	8530	2150	9.8	189-227	330	40	-					0001-08	5,198.00
3ABA-031E-TAC	208/230-3	524.9	8440	1940	6.9	-	-	-	-				L	-	5,198.00
LAHB-032E-CAB	230-1	694.8	11200	2780	13.2	189-227	330	60	-					0001-08	5,230.00
LAHA-032E-TAC	208/230-3	694.8	11200	2440	9.4	-	-	-	-				L	-	5,230.00
LAHA-032E-TAD	460-3	694.8	11200	2440	4.7	-	-	-	-				L	-	5,230.00
LAHA-032E-TAE	575-3	694.8	11200	2440	3.8	-	-	-	-					-	5,230.00
LALA-032E-TAC	208/230-3	774.1	13000	2930	10.5	-	-	-	-				L	-	5,230.00
LALA-032E-TAD	460-3	774.1	13000	2930	5.2	-	-	-	-				L	-	
NRD1-040E-CFB	230-1	815.7	13600	3610	17.3	216-259	330	40	-					0001-08	
NRD1-032E-TFC	208/230-3	815.7	14300	3470	11.4	-	-	-	-			MH	L	-	
NRD1-032E-TFD	460-3	815.7	14300	3470	5.7	-	-	-	-				L	-	

Standard Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient			Start Capacitor		Run Capacitor		Alternative Applications				Relay Part # (040-)	LIST
			BTUH	Watts	Amps	MFD	Volts	MFD	Volts	R-502	R-22	R-134a	R-507*		
<b>R-404A EX. LOW TEMP</b>			-25 / 105 / 65 / 105 / 95°F												
HAJB-003E-IAA	115-1	84.2	1230	425	5.6	324-389	115	-	-				XL	0001-01	
KAGB-005E-IAA	115-1	185.1	2930	832	9.6	400-480	115	-	-				XL	0001-01	2,212.00
KAAB-007E-CAA	115-1	255.1	4200	1130	12.0	540-648	115	25	440				XL	0001-01	2,310.00
KALB-010E-CAV	208/230-1	314.7	5380	1330	6.2	145-174	220	20	440				XL	0001-04	2,698.00
KATB-015E-CAV	208/230-1	387.8	6900	1700	8.2	130-156	330	25	480				XL	0001-00	3,162.00
KATA-015E-TAC	208/230-3	387.8	6700	1650	5.4	-	-	-	-				XL	-	3,162.00
LALB-032E-CAB	230-1	774.1	12700	3240	15.2	189-227	330	60	440					0001-08	
LACB-032E-CAB	230-1	815.7	14700	3370	15.8	189-227	330	60	440			M	XL	0001-08	5,230.00
LACA-032E-TAD	460-3	815.7	14600	3070	5.4	-	-	-	-			M	XL	-	

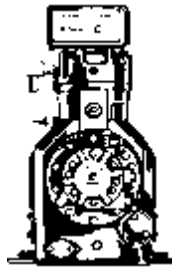
# DISCUS COMPRESSOR MODEL NUMBER NOMENCLATURE



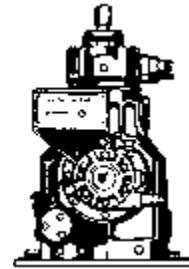
# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC DISCUS - R-22

**2D, 3D, 4D & 6D  
Low Temperature**



**2D**



**3D**

**Standard Model Specs**

Standard Model	Model With Unloading		CURRENT Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient		Amperage Ratings			LIST
	1 Bank	2 Bank				BTUH	Amps	RLA	LRA	MCC	
<b>HCFC-22 LOW TEMP DEMAND COOLING</b>											
2DF3-0300-TFC	-	-	2DF3F16K0-	208/230-3	904	13400	10.8	16.8	102.0	22.3	
2DF3-0300-TFD	-	-		460-3	904	13400	5.4	8.1	52.0	11.1	
2DF3-0300-TFE	-	-		575-3	904	13400	4.3	6.7	41.0	9.4	
2DL3-0400-TFC	-	-	2DL3F20KE-	208/230-3	1008	16100	12.1	26.3	161.0	33.8	
2DL3-0400-TFD	-	-		460-3	1008	16100	6.1	10.2	60.0	12.2	
2DL3-0400-TFE	-	-		575-3	1008	16100	4.8	7.7	49.0	10.5	
2DA3-0600-TFC	-	-	2DA3F23KE-	208/230-3	1135	18800	14.8	28.8	161.0	35.6	
2DA3-0600-TFD	-	-		460-3	1135	18800	7.4	10.2	60.0	13.6	
2DA3-0600-TFE	-	-		575-3	1135	18800	5.9	9.1	49.0	11.8	
2DB3-0600-TFC	-	-	2DB3F25KE-	208/230-3	1191	20500	15.0	28.2	161.0	35.6	
2DB3-0600-TFD	-	-		460-3	1191	20500	7.5	13.3	80.0	18.0	
2DB3-0600-TFE	-	-		575-3	1191	20500	6.0	9.6	63.0	13.4	
3DA3-0600-TFC	Not Permitted		3DA3F28KE-	208/230-3	1375	23200	16.7	30.3	150.0	37.5	
3DA3-0600-TFD	Not Permitted			460-3	1375	23200	8.4	16.8	77.0	16.8	
3DA3-0600-TFE	Not Permitted			575-3	1375	23200	6.7	10.5	62.0	14.7	
3DB3-0750-TFC	Not Permitted		3DB3F33KE-	208/230-3	1620	29000	18.9	31.5	161.0	44.0	
3DB3-0750-TFD	Not Permitted			460-3	1620	29000	9.5	16.1	83.0	22.0	
3DB3-0750-TFE	Not Permitted			575-3	1620	29000	7.6	11.0	67.0	15.4	
3DF3-0900-TFC	Not Permitted		3DF3F40KE-	208/230-3	1915	34400	22.7	39.0	215.0	51.8	
3DF3-0900-TFD	Not Permitted			460-3	1915	34400	11.4	16.9	106.0	23.4	
3DF3-0900-TFE	Not Permitted			575-3	1915	34400	9.1	16.5	84.0	19.7	
3DS3-1000-TFC	Not Permitted		3DS3F46KE-	208/230-3	2120	37500	24.4	42.0	215.0	49.2	
3DS3-1000-TFD	Not Permitted			460-3	2120	37500	12.2	18.6	106.0	22.9	
3DS3-1000-TFE	Not Permitted			575-3	2120	37500	9.8	16.8	84.0	22.7	
4DA3-1000-TSK	Not Permitted		4DA3F47KE-	208/230-3	2380	39000	27.0	42.0	240.0	49.0	
4DA3-1000-TSK	Not Permitted			460-3	2380	39000	13.6	21.0	120.0	24.5	
4DA3-1000-TSE	Not Permitted			575-3	2380	39000	10.8	17.4	106.0	20.0	
4DA3-1000-FSD	Not Permitted			460-3	2380	39000	13.6	20.0	115.0	23.1	
4DL3-1500-TSK	Not Permitted		4DL3F63KE-	208/230-3	3020	52300	37.0	52.6	278.0	73.6	
4DL3-1500-TSK	Not Permitted			460-3	3020	52300	18.3	26.3	139.0	36.8	
4DL3-1500-TSE	Not Permitted			575-3	3020	52300	14.6	20.9	113.0	25.0	
4DL3-1500-FSD	Not Permitted			460-3	3020	52300	18.3	24.5	136.0	28.3	
4DT3-2200-TSK	Not Permitted		4DT3F76KE-	208/230-3	3603	62500	42.0	66.0	374.0	72.0	
4DT3-2200-TSK	Not Permitted			460-3	3603	62500	20.9	33.0	187.0	36.0	
4DT3-2200-TSE	Not Permitted			575-3	3603	62500	16.7	24.2	135.0	27.5	
4DT3-2200-FSD	Not Permitted			460-3	3603	62500	20.9	33.9	180.0	39.1	
6DL3-2700-TSK	Not Permitted		6DL3F93K0-	208/230-3	4530	78300	54.7	80.8	450.0	95.0	
6DL3-2700-TSK	Not Permitted			460-3	4530	78300	27.4	40.4	225.0	47.5	
6DL3-2700-TSE	Not Permitted			575-3	4530	78300	21.9	32.5	172.0	36.4	
6DL3-2700-FSD	Not Permitted			460-3	4530	78300	27.4	41.6	218.0	48.0	
6DT3-3000-TSK	Not Permitted		6DT3F11ME-	208/230-3	5404	93400	64.7	95.6	470.0	106.0	
6DT3-3000-TSK	Not Permitted			460-3	5404	93400	32.4	47.8	235.0	53.0	
6DT3-3000-TSE	Not Permitted			575-3	5404	93400	25.9	39.6	200.0	44.0	
6DT3-3000-FSD	Not Permitted			460-3	5404	93400	32.4	42.8	235.0	49.5	

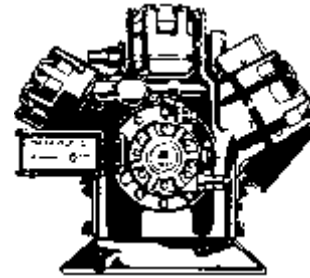
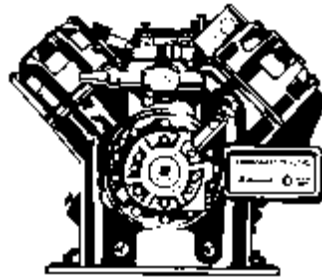
Note: Specifications subject to change without notice  
 See individual data sheets for complete performance and operating limits of compressors and AE-1278 for modulo load unloading curves.  
 RLA is abbreviation for "Rated Load Amps"  
 LRA is abbreviation for "Locked Rotor Amps"  
 MCC is abbreviation for "Maximum Continuous Current"

# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC DISCUS - R-22

2D, 3D, 4D & 6D  
Medium Temperature

4D



6D

### Standard Model Specs

Standard Model	Model With Unloading		CURRENT Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient		Amperage Ratings			LIST
	1 Bank	2 Bank				BTUH	Amps	RLA	LRA	MCC	
<b>HCFC-22 MED TEMP</b>											
2DC3-0500-CFB	-	-	2DC3R53KC-	230-1	716	32700	18.0	29.9	125.0	42.3	
2DC3-0500-TFC	-	-		208/230-3	716	34900	13.7	22.3	120.0	31.2	
2DC3-0500-TFD	-	-		460-3	716	34900	6.9	10.4	60.0	14.6	
2DC3-0500-TFE	-	-		575-3	716	34900	5.5	7.7	40.0	10.6	
2DD3-0500-TFC	-	-	2DD3R63K0-	208/230-3	823	41000	15.3	31.2	120.0	31.2	
2DD3-0500-TFD	-	-		460-3	823	41000	7.7	10.5	60.0	14.7	
2DD3-0500-TFE	-	-		575-3	823	41000	6.1	7.9	40.0	11.1	
2DL3-0750-TFC	-	-	2DL3R78K0-	208/230-3	1008	52400	19.9	31.6	169.0	44.2	
2DL3-0750-TFD	-	-		460-3	1008	52400	10.0	13.8	85.0	19.3	
2DL3-0750-TFE	-	-		575-3	1008	52400	8.0	13.2	67.0	18.5	
2DA3-0750-TFC	-	-	2DA3R89KE-	208/230-3	1135	59400	21.7	32.0	169.0	44.8	
2DA3-0750-TFD	-	-		460-3	1135	59400	10.9	14.1	85.0	19.4	
2DA3-0750-TFE	-	-		575-3	1135	59400	8.7	13.3	67.0	18.6	
3DA3-0750-TFC	3DE3	-	3DA3R10ME-	208/230-3	1375	72800	26.7	41.0	215.0	57.4	
3DA3-0750-TFD	3DE3	-		460-3	1375	72800	13.4	20.0	106.0	28.0	
3DA3-0750-TFE	3DE3	-		575-3	1375	72800	10.7	16.5	84.0	23.0	
3DB3-1000-TFC	3DP3	-	3DB3R12ME-	208/230-3	1620	87200	31.4	43.6	215.0	61.0	
3DB3-1000-TFD	3DP3	-		460-3	1620	87200	15.7	20.0	106.0	28.0	
3DB3-1000-TFE	3DP3	-		575-3	1620	87200	12.6	16.5	84.0	23.1	
3DF3-1200-TFC	3DK3	-	3DF3R15ME-	208/230-3	1915	101000	38.7	48.2	275.0	67.4	
3DF3-1200-TFD	3DK3	-		460-3	1915	101000	19.4	23.6	138.0	30.3	
3DF3-1200-TFE	3DK3	-		575-3	1915	101000	15.5	19.5	110.0	24.5	
3DS3-1500-TFC	3DT3	-	3DS3R17ME-	208/230-3	2120	116000	44.1	59.6	275.0	83.5	
3DS3-1500-TFD	3DT3	-		460-3	2120	116000	22.1	29.0	138.0	40.6	
3DS3-1500-TFE	3DT3	-		575-3	2120	116000	17.6	23.6	110.0	33.0	
4DA3-2000-TSK	4DE3	-	4DA3R18M0-	208/230-3	2380	123000	46.0	66.0	308.0	93.2	
4DA3-2000-TSD	4DE3	-		460-3	2380	123000	22.9	33.0	154.0	46.6	
4DA3-2000-TSE	4DE3	-		575-3	2380	123000	18.3	24.7	135.0	34.6	
4DA3-2000-FSD	4DE3	-		460-3	2380	123000	22.9	33.6	173.0	47.0	
4DH3-2500-TSK	4DK3	-	4DH3R22ME-	208/230-3	3020	158000	59.0	82.2	428.0	115.0	
4DH3-2500-TSD	4DK3	-		460-3	3020	158000	29.7	41.1	214	57.5	
4DH3-2500-TSE	4DK3	-		575-3	3020	158000	23.8	34.4	172.0	48.1	
4DH3-2500-FSD	4DK3	-		460-3	3020	158000	29.7	40.6	206.0	56.8	
4DJ3-3000-TSK	4DR3	-	4DJ3R28M0-	208/230-3	3603	187000	73.0	94.0	470.0	131.6	
4DJ3-3000-TSD	4DR3	-		460-3	3603	187000	36.3	47.0	235.0	65.8	
4DJ3-3000-TSE	4DR3	-		575-3	3603	187000	29.0	39.3	200.0	55.0	
4DJ3-3000-FSD	4DR3	-		460-3	3603	187000	36.3	45.0	235.0	63.0	
6DH3-3500-TSK	6DK3	6DP3	6DH3R35M0-	208/230-3	4530	230000	89.4	107.0	565.0	150.0	
6DH3-3500-TSD	6DK3	6DP3		460-3	4530	230000	44.7	53.5	283.0	53.5	
6DH3-3500-TSE	6DK3	6DP3		575-3	4530	230000	35.8	42.2	230.0	59.1	
6DH3-3500-TSD	6DK3	6DP3		460-3	4530	230000	44.7	55.0	260.0	77.0	
6DG3-3500-TSK	6DM3	6DN3	6DG3R37M0-	230-3	4957	254000	111.0	135.0	650.0	189.0	
6DG3-3500-TSD	6DM3	6DN3		460-3	4957	254000	96.4	62.5	297.0	87.5	
6DG3-3500-TSE	6DM3	6DN3		575-3	4957	254000	48.2	46.0	245.0	64.4	
6DG3-3500-FSD	6DM3	6DN3		460-3	4957	254000	48.2	66.0	315.0	92.4	
6DG3-3500-FSU	6DM3	6DN3		200-3	4957	254000	111.0	150.0	754.0	210.0	
6DJ3-4000-TSN	6DR3	6DS3	6DJ3R40M0-	230/460-3	5404	281000	102.9	142.0	594.0	198.0	
6DJ3-4000-TSE	6DR3	6DS3		575-3	5404	281000	41.2	53.5	245.0	74.9	
6DJ3-4000-FSD	6DR3	6DS3		460-3	5404	281000	51.5	70.0	315.0	98.0	
6DJ3-4000-FSU	6DR3	6DS3		200-3	5404	281000	118.0	150.0	754.0	210.0	

Note: Last seven (7) digits of unloader models are same as last seven (7) digits of standard models.



# AIR CONDITIONING DUTY COMPRESSORS

## COPELAMETIC DISCUS - R-22

2D, 3D, 4D, 6D & 8D

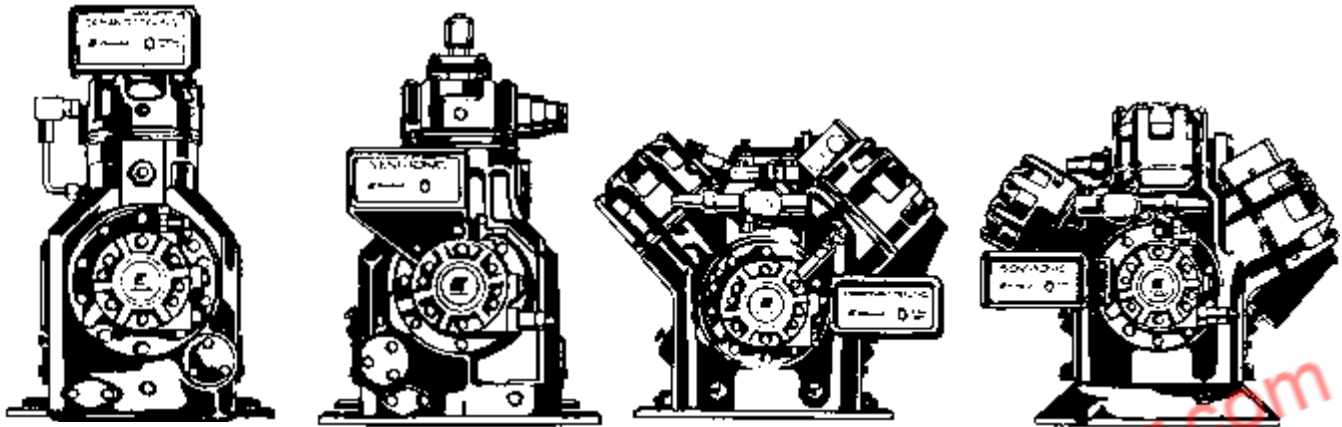
Standard Model Specs

Standard Model	Model With Unloading		CURRENT Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient		Amperage Ratings			LIST
	1 Bank	2 Bank				BTUH	Amps	RLA	LRA	MCC	
<b>R-22 AIR CONDITIONING</b>						<b>45 / 130 / 65 / 115 / 95°F</b>					
2DC3-0500-TFC	-	-	2DC3R53K0-	208/230-3	716	62700	16.3	22.3	120.0	31.2	
2DC3-0500-TFD	-	-		460-3	716	62700	8.2	40.4	60.0	14.6	
2DC3-0500-TFE	-	-		575-3	716	62700	6.5	7.7	49.0	10.8	
2DD3-0500-TFC	-	-	2DD3R63K0-	208/230-3	823	72800	18.5	22.3	120.0	31.2	
2DD3-0500-TFD	-	-		460-3	823	72800	9.3	10.5	60.0	14.7	
2DD3-0500-TFE	-	-		575-3	823	72800	7.4	7.9	49.0	11.1	
2DL3-0750-TFC	-	-	2DL3R78K0-	208/230-3	1008	90800	23.6	31.6	169.0	44.2	
2DL3-0750-TFD	-	-		460-3	1008	90800	11.8	13.8	85.0	19.3	
2DL3-0750-TFE	-	-		575-3	1008	90800	9.4	13.2	67.0	18.5	
2DA3-0750-TFC	-	-	2DA3R89KE-	208/230-3	1135	103000	26.2	32.0	169.0	44.8	
2DA3-0750-TFD	-	-		460-3	1135	103000	13.1	14.1	85.0	19.4	
2DA3-0750-TFE	-	-		575-3	1135	103000	10.5	13.3	67.0	18.5	
3DA2-0750-TFC	3DE2	-	3DA3R10ME-	208/230-3	1375	123900	31.9	41.0	215.0	57.4	
3DA2-0750-TFD	3DE2	-		460-3	1375	123900	6.0	20.0	106.0	28.0	
3DA2-0750-TFE	3DE2	-		575-3	1375	123900	12.8	16.5	84.0	23.0	
3DB2-1000-TFC	3DP2	-	3DB3R12M0-	208/230-3	1620	145900	37.9	43.6	215.0	61.0	
3DB2-1000-TFD	3DP2	-		460-3	1620	145900	19.0	20.0	106.0	28.0	
3DB2-1000-TFE	3DP2	-		575-3	1620	145900	15.2	16.5	84.0	23.1	
3DS2-1500-TFC	3DT2	-	3DS3R17ME-	208/230-3	2120	194000	52.4	59.6	275.0	83.5	
3DS2-1500-TFD	3DT2	-		460-3	2120	194000	26.2	29.0	138.0	40.6	
3DS2-1500-TFE	3DT2	-		575-3	2120	194000	21.0	23.6	110.0	33.0	
4DA3-2000-TSK	4DE3	-	4DA3R18M0-	208/230-3	2380	216000	55.4	66.0	308.0	93.2	
4DA3-2000-TSD	4DE3	-		460-3	2380	216000	27.7	33.0	154.0	46.6	
4DA3-2000-TSE	4DE3	-		575-3	2380	216000	22.2	24.7	135.0	34.6	
4DA3-2000-FSD	4DE3	-		460-3	2380	216000	27.7	33.6	173.0	47.0	
4DB3-2200-TSK	4DC3	-	4DB3R20M0-	208/230-3	2630	247300	64.2	65.6	374.0	91.8	
4DB3-2200-TSD	4DC3	-		460-3	2630	247300	32.1	32.8	187.0	45.9	
4DB3-2200-TSE	4DC3	-		575-3	2630	247300	25.7	26.5	135.0	37.1	
4DB3-2200-FSD	4DC3	-		460-3	2630	247300	32.1	32.5	180.0	45.5	
4DH3-2500-TSK	4DK3	-	4DH3R22M0-	208/230-3	3020	273000	72.1	82.2	428.0	115.0	
4DH3-2500-TSD	4DK3	-		460-3	3020	273000	36.1	41.1	214	57.5	
4DH3-2500-TSE	4DK3	-		575-3	3020	273000	28.8	34.4	172.0	48.1	
4DH3-2500-FSD	4DK3	-		460-3	3020	273000	36.1	40.6	206.0	56.8	
4DJ3-3000-TSK	4DR3	-	4DJ3R28M0-	208/230-3	3603	317900	88.8	94.0	470.0	131.6	
4DJ3-3000-TSD	4DR3	-		460-3	3603	317900	44.4	47.0	235.0	65.8	
4DJ3-3000-TSE	4DR3	-		575-3	3603	317900	35.5	39.3	200.0	55.0	
4DJ3-3000-FSD	4DR3	-		460-3	3603	317900	44.4	45.0	235.0	63.0	
6DB3-3000-TSK	6DW3	6DY3	6DB3R32M0-	208/230-3	4140	356400	96.8	105.0	565.0	147.0	
6DB3-3000-TSD	6DW3	6DY3		460-3	4140	356400	48.4	47.8	235.0	51.8	
6DB3-3000-TSE	6DW3	6DY3		575-3	4140	356400	19.4	40.0	230.0	56.0	
6DB3-3000-FSD	6DW3	6DY3		460-3	4140	356400	48.4	50.0	260.0	70.0	
6DH3-3500-TSK	6DK3	6DP3	6DH3R35M0-	208/230-3	4530	387200	107.5	107.0	565.0	150.0	
6DH3-3500-TSD	6DK3	6DP3		460-3	4530	387200	53.8	53.5	283.0	53.5	
6DH3-3500-TSE	6DK3	6DP3		575-3	4530	387200	43.0	42.5	230.0	59.5	
6DH3-3500-FSD	6DK3	6DP3		460-3	4530	387200	53.8	55.0	260.0	77.0	
6DG3-3500-TSN	6DM3	6DN3	6DG3R37M0-	230-3	4955	422100	116.8	125.0	594.0	175.0	
6DG3-3500-TSD	6DM3	6DN3		460-3	4955	422100	58.4	62.5	297.0	87.5	
6DG3-3500-TSE	6DM3	6DN3		575-3	4955	422100	46.7	46.0	245.0	64.4	
6DG3-3500-FSD	6DM3	6DN3		460-3	4955	422100	58.4	66.0	315.0	92.4	
6DJ3-4000-FSU	6DM3	6DN3		200-3	4955	422100	134.3	135.0	650.0	189.0	
6DJ3-4000-TSN	6DR3	6DS3	6DJ3R40M0-	230-3	5404	466700	127.1	142.0	594.0	198.0	
6DJ3-4000-TSD	6DR3	6DS3		460-3	5404	466700	363.6	71.0	297.0	99.0	
6DJ3-4000-TSE	6DR3	6DS3		575-3	5404	466700	50.8	53.5	245.0	74.9	
6DJ3-4000-FSD	6DR3	6DS3		460-3	5404	467000	63.6	70.0	315.0	98.0	
6DJ3-4000-FSU	6DR3	6DS3		200-3	5404	467000	146.2	150.0	754.0	210.0	
8DP1-5000-TSK	8DP1	8DP1	8DP1R56M0-	208/230-3	6429	565700	164.8	180.0	1070.0	252.0	
8DP1-5000-TSD	8DP1	8DP1		460-3	6429	565700	82.4	90.0	535.0	126.0	
8DP1-5000-TSE	8DP1	8DP1		575-3	6429	565700	65.9	75.0	405.0	105.0	
8DP1-5000-FSD	8DP1	8DP1		460-3	6429	565700	82.4	91.0	510.0	127.0	
8DS1-6000-TSK	8DS1	8DS1	8DS1R67M0-	208/230-3	7609	644200	199.7	224.0	1070.0	314.0	
8DS1-6000-TSD	8DS1	8DS1		460-3	7609	644200	99.8	112.0	535.0	157.0	
8DS1-6000-TSE	8DS1	8DS1		575-3	7609	644200	79.9	80.0	405.0	112.0	
8DS1-6000-FSD	8DS1	8DS1		460-3	7609	644200	99.8	96.5	510.0	135.0	

# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC DISCUS - HFC-404A

2D, 3D, 4D & 6D  
Low Temperature



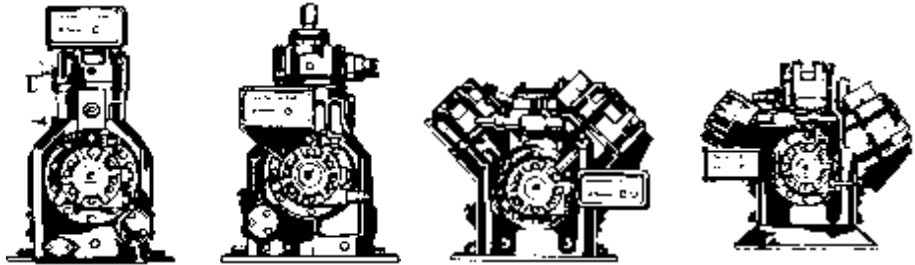
### Standard Model Specs

Standard Model	Model With Unloading		CURRENT Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient		Amperage Ratings			LIST
	1 Bank	2 Bank				BTUH	Amps	RLA	LRA	MCC	
<b>HFC-404A LOW TEMP</b>						<b>-25 / 105 / 65 / 105 / 95°F</b>					
2DF3-030E-TFC	-	-	2DF3F16KE-	208/230-3	908	16300	12.0	16.8	102.0	22.4	5,458.00
2DF3-030E-TFD	-	-		460-3	908	16300	6.0	8.1	52.0	11.1	5,458.00
2DF3-030E-TFE	-	-		575-3	908	16300	4.8	6.7	41.0	9.4	5,458.00
2DL3-040E-TFC	-	-	2DL3F20KE-	208/230-3	1008	19900	13.2	26.3	161.0	36.8	5,664.00
2DL3-040E-TFD	-	-		460-3	1008	19900	6.6	10.2	60.0	14.3	5,664.00
2DL3-040E-TFE	-	-		575-3	1008	19900	5.3	7.7	49.0	10.8	5,664.00
2DA3-060E-TFC	-	-	2DA3F23KE-	20/230-3	1134	23100	14.6	28.8	161.0	40.3	
2DA3-060E-TFD	-	-		460-3	1134	23100	7.3	10.2	60.0	14.3	
2DA3-060E-TFE	-	-		575-3	1134	23100	5.8	9.1	49.0	12.7	
2DB3-060E-TFC	-	-	2DB3F25KE-	208/230-3	1190	24600	16.4	28.2	161.0	39.5	5,748.00
2DB3-060E-TFD	-	-		460-3	1190	24600	8.2	13.3	80.0	18.6	5,748.00
2DB3-060E-TFE	-	-		575-3	1190	24600	6.6	9.6	63.0	13.4	5,748.00
3DA3A060E-TFC	3DHH	-	3DA3F28KE-	208/230-3	1371	27800	17.8	30.3	150.0	37.5	6,306.00
3DA3A060E-TFD	3DHH	-		460-3	1371	27800	8.9	13.7	77.0	16.8	6,306.00
3DA3A060E-TFE	3DHH	-		575-3	1371	27800	7.1	10.5	62.0	14.7	6,306.00
3DB3A075E-TFC	3DJH	-	3DB3F33KE-	208/230-3	1615	33100	20.6	31.5	161.0	43.0	6,636.00
3DB3A075E-TFD	3DJH	-		460-3	1615	33100	10.3	16.1	83.0	22.0	6,894.00
3DB3A075E-TFE	3DJH	-		575-3	1615	33100	8.2	11.0	67.0	15.4	
3DF3A090E-TFC	3DGH	-	3DF3F40KE-	208/230-3	1913	40200	24.6	39.0	215.0	51.8	6,916.00
3DF3A090E-TFD	3DGH	-		460-3	1913	40200	12.3	16.9	106.0	23.4	7,190.00
3DF3A090E-TFE	3DGH	-		575-	1913	40200	9.8	16.5	84.0	22.0	6,916.00
3DS3A100E-TFC	3DRH	-	3DS3F46KE-	3208/230-3	2127	45700	26.8	42.0	215.0	58.0	7,338.00
3DS3A100E-TFD	3DRH	-		460-3	2127	45700	13.4	18.6	106.0	26.0	7,632.00
3DS3A100E-TFE	3DRH	-		575-3	2127	45700	10.7	16.8	84.0	22.7	7,338.00
4DA3A101E-TSK	4DE3	-	4DA3F47KE-	208/230-3	2386	47200	29.6	45.2	220.0	63.8	8,392.00
4DA3A101E-TSK	4DE3	-		460-3	2386	47200	14.8	22.6	110.0	31.9	
4DA3A101E-TSE	4DE3	-		575-3	2386	47200	11.8	17.5	106.0	24.3	8,392.00
4DL3A150E-TSK	4DP3	-	4DL3F63KE-	208/230-3	3018	63200	39.6	52.6	278.0	73.6	9,722.00
4DL3A150E-FSD	4DP3	-		460-3	3018	63200	19.8	24.5	136.0	34.3	
4DL3A150E-TSK	4DP3	-		460-3	3018	63200	19.8	26.3	139.0	36.8	
4DL3A150E-TSE	4DP3	-		575-3	3018	63200	15.8	20.9	113.0	29.3	9,722.00
6DL3A270E-TSK	6DC3	6DD3	6DL3F93KE-	208/230-3	4527	93100	59.2	80.8	450.0	113.0	13,656.00
6DL3A270E-FSD	6DC3	6DD3		460-3	4527	93100	29.6	41.6	218.0	58.2	
6DL3A270E-TSD	6DC3	6DD3		460-3	4527	93100	29.6	40.4	225.0	56.5	
6DL3A270E-TSE	6DC3	6DD3		575-3	4527	93100	23.7	32.5	172.0	45.5	13,656.00
6DT3A300E-TSK	6DE3	6DF3	6DT3F11ME-	208/230-3	5407	105000	69.2	95.6	470.0	133.8	14,286.00
6DT3A300E-FSD	6DE3	6DF3		460-3	5407	105000	34.6	42.8	235.0	60.0	
6DT3A300E-TSK	6DE3	6DF3		460-3	5407	105000	34.6	47.8	235.0	66.9	
6DT3A300E-TSE	6DE3	6DF3		575-3	5407	105000	27.7	39.6	200.0	55.4	14,286.00

# REFRIGERATION DUTY COMPRESSORS

## COPELAMETIC DISCUS - HFC-404A

2D, 3D, 4D & 6D  
Medium Temperature



Standard Model Specs

Standard Model	Model With Unloading		CURRENT Model	Volts / Phase	CFH	Conditions (°F): Evap/Cond/Return Gas/Liquid/Ambient		Amperage Ratings			LIST
	1 Bank	2 Bank				BTUH	Amps	RLA	LRA	MCC	
<b>HFC-404A MED TEMP</b>						<b>20 / 120 / 65 / 120 / 95°F</b>					
2DC3-050E-TFC	-	-	2DC3R53KE-	208/230-3	716	34600	14.8	22.3	120.0	31.2	
2DC3-050E-TFD	-	-		460-3	716	34600	7.4	10.4	60.0	14.6	
2DC3-050E-TFE	-	-		575-3	716	34600	5.9	7.7	49.0	10.8	5,664.00
2DD3-050E-TFC	-	-	2DD3R63KE-	208/230-3	823	41900	16.6	22.3	120.0	31.2	5,664.00
2DD3-050E-TFD	-	-		460-3	823	41900	8.3	10.5	60.0	14.7	5,664.00
2DD3-050E-TFE	-	-		575-3	823	41900	6.6	7.9	49.0	11.1	5,664.00
2DL3-075E-TFC	-	-	2DL3R78KE-	208/230-3	1008	51800	21.0	31.6	169.0	44.2	5,832.00
2DL3-075E-TFD	-	-		460-3	1008	51800	10.5	13.8	85.0	19.4	5,832.00
2DL3-075E-TFE	-	-		575-3	1008	51800	8.4	13.2	67.0	18.5	5,832.00
2DA3-075E-TFC	-	-	2DA3R89KE-	208/230-3	1134	60100	23.4	32.0	169.0	44.8	5,832.00
2DA3-075E-TFD	-	-		460-3	1134	60100	11.7	14.1	85.0	19.7	6,088.00
2DA3-075E-TFE	-	-		575-3	1134	60100	9.4	13.3	67.0	18.6	
3DA3A075E-TFC	3DEH	-	3DA3R10ME-	208/230-3	1371	71200	28.4	41.0	215.0	57.4	6,894.00
3DA3A075E-TFD	3DEH	-		460-3	1371	71200	14.2	20.0	106.0	28.0	6,894.00
3DA3A075E-TFE	3DEH	-		575-3	1371	71200	11.4	16.5	84.0	23.0	6,894.00
3DB3A100E-TFC	3DPH	-	3DB3R12ME-	208/230-3	1615	84800	33.2	43.6	215.0	61.0	
3DB3A100E-TFD	3DPH	-		460-3	1615	84800	16.6	20.0	106.0	28.0	
3DB3A100E-TFE	3DPH	-		575-3	1615	84800	13.3	16.5	84.0	23.1	
3DF3-120E-TFC	3DKH	-	3DF3R15ME-	208/230-3	1913	104600	10.6	48.2	275.0	67.4	
3DF3-120E-TFD	3DKH	-		460-3	1913	104600	21.2	23.6	138.0	33.0	
3DS3A150E-TFC	3DTH	-	3DS3R17ME-	208/230-3	2127	116000	46.8	59.6	275.0	83.5	7,898.00
3DS3A150E-TFD	3DTH	-		460-3	2127	116000	23.4	29.0	138.0	40.6	8,220.00
3DS3A150E-TFE	3DTH	-		575-3	2127	116000	18.7	23.6	110.0	33.0	7,898.00
4DA3A200E-TSK	4DE3	-	4DA3R18ME-	208/230-3	2386	120000	48.8	66.0	308.0	82.2	8,884.00
4DA3A200E-FSD	4DE3	-		460-3	2386	120000	24.4	33.6	173.0	45.0	
4DA3A200E-TSK	4DE3	-		460-3	2386	120000	24.4	33.0	154.0	41.1	8,884.00
4DA3A200E-TSE	4DE3	-		575-3	2386	120000	19.5	24.7	135.0	33.3	
4DH3A250E-TSK	4DK3	-	4DH3R22ME-	208/230-3	3018	156000	66.0	82.2	428.0	104.2	10,534.00
4DH3A250E-FSD	4DK3	-		460-3	3018	156000	33.0	40.6	206.0	56.0	
4DH3A250E-TSK	4DK3	-		460-3	3018	156000	33.0	41.1	214.0	52.1	10,534.00
4DH3A250E-TSE	4DK3	-		575-3	3018	156000	26.4	34.4	172.0	46.6	10,534.00
4DJ3A300E-TSK	4DR3	-	4DJ3R28ME-	208/230-3	3605	187000	78.6	94.0	470.0	117.6	11,642.00
4DJ3A300E-FSD	4DR3	-		460-3	3605	187000	39.3	45.0	235.0	60.5	
4DJ3A300E-TSK	4DR3	-		460-3	3605	187000	39.3	47.0	235.0	58.8	
4DJ3A300E-TSE	4DR3	-		575-3	3605	187000	31.4	39.3	200.0	54.0	
6DH3A350E-TSK	6DK3	6DP3	6DH3R35ME-	208/230-3	4527	236000	95.6	107.0	565.0	150.0	
6DH3A350E-FSD	6DK3	6DP3		460-3	4527	236000	47.8	55.0	260.0	75.0	
6DH3A350E-TSK	6DK3	6DP3		460-3	4527	236000	47.8	53.5	283.0	75.0	
6DH3A350E-TSE	6DK3	6DP3		575-3	4527	236000	38.2	42.5	230.0	57.0	
6DG3A350E-FSU	6DM3	6DN3	6DG3R37ME-	200-3	4957	257000	122.0	135.0	650.0	185.0	
6DG3A350E-TSN	6DM3	6DN3		230-3	4957	257000	106.0	125.0	594.0	153.6	
6DG3A350E-FSD	6DM3	6DN3		460-3	4957	257000	53.1	66.0	315.0	92.4	
6DG3A350E-TSN	6DM3	6DN3		460-3	4957	257000	53.1	62.5	297.0	76.8	
6DG3A350E-TSE	6DM3	6DN3		575-3	4957	257000	42.5	46.0	245.0	64.4	
6DJ3A400E-FSU	6DR3	6DS3	6DJ3R40ME-	200-3	5407	278000	132.0	150.0	754.0	208.0	
6DJ3A400E-TSN	6DR3	6DS3		230-3	5407	278000	115.0	142.0	594.0	158.8	
6DJ3A400E-FSD	6DR3	6DS3		460-3	5407	278000	57.5	70.0	315.0	95.0	
6DJ3A400E-TSN	6DR3	6DS3		460-3	5407	278000	57.5	71.0	297.0	79.4	
6DJ3A400E-TSE	6DR3	6DS3		575-3	5407	278000	46.0	53.5	245.0	72.0	