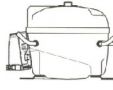


COMPRESSORS - HERMETIC

Superseded Models	Nom. HP	Nominal rating (watts) @ 54 Deg C Cond.Temp.									Disp (cc)	Motor Type	Motor Cooling	Refrig Control	Wt. (Kg)
		-35	-30	-25	-20	-15	-10	-5	0	5					

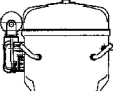
R134a LOW MODELS [Emkarate RL22HB POE lubricant]

[-25°C to -5°C evap temp range]

	BPM1072Z	AZ33LY	1/12	81									3.40	RSIR	ST	C	7.1
	BPM1084Z	B1085A, AE8ZA7,	1/8	102									4.15	RSIR	ST	C	7.1
	NB2112Z	NB1112Z	1/6	126	169	220	280	348					6.26	CSIR	ST	C	9.5
	NB1118Z	B3116B#, B3118B#	1/5	179	243	316	404	501					8.00	RSIR	ST	C	10.4
		AE5ZF9, AE4ZF11															
BP series	NE3121Z	E3121A, AE1385A	1/4	229	303	393	497	618					13.60	RSIR	OC	C	11.1
	NE3130Z	E3130B, AE1411A	1/3	313	412	531	671	830					15.28	RSIR	OC	C	11.1
	T2134Z	-	3/8	357	482	639	830	1055					19.04	CSIR	FC	C/V	13.9
	T2140Z	-	1/2	389	547	746	986	1266					22.40	CSIR	FC	C/V	14.0

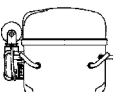
R134a MED/HIGH MODELS [Emkarate RL22HB POE lubricant]

[-15°C to 10°C evap temp range]

	NB5132Z	AE5HY, B5132Z	1/6						250	314	387	4.85	RSIR	ST	C	9.5	
	NB5144Z	AE6LMY, B5144Z	1/6						326	403	492	5.9	RSIR	FC	C	9.8	
	NB6144Z	AE8LMY, B6144Z	1/5						326	403	492	5.9	CSIR	FC	C/V	9.7	
	NE6160Z	AE4430Y, B6160Z	1/5						374	492	623	8.0	CSIR	FC	C/V	9.9	
	NE6170Z	AE4440Y, B6170Z	1/4						443	570	718	8.85	CSIR	FC	C/V	10.3	
	NE6187Z	AE4448Y, E6187Z	1/3						637	804	997	12.0	CSIR	FC	C/V	10.8	
	NE6210Z	AE14LMY	1/3						723	913	1134	13.6	CSIR	FC	V/V	11.7	
	T6213Z	AE16LMY	3/8						835	1068	1335	17.4	CSIR	FC	C/V	13.7	
	NB series	T6215Z	AKA4476Y, AJ22LMY	1/2						1003	1288	1616	20.4	CSIR	FC	C/V	14.2
		NJ6220Z	AJA4492Y, AJ26LMY	3/4						1471	1881	2330	26.2	CSIR	FC	C/V	19.7
	NJ6226Z	AJA4512Y, AJ34LMY	1						1764	2226	2732	34.4	CSR	FC	C/V	22.0	

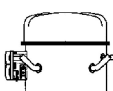
R404A LOW MODELS [Emkarate RL22HB POE lubricant]

[-30°C to -10°C evap temp range]

	NE2125GK	AE8MG, E2125GK	1/3	204	303	416	544	687			8.9	CSIR	FC	C/V	10.6
	NE2134GK	AE12LMY, E2134GK	1/2	283	424	585	765	965			12.0	CSIR	FC	C/V	10.7
	T2155GK	AE16LMY	5/8	368	524	717	948	1215			14.5	CSR	FC	C/V	14.9
	T2168GK	AKL19ZS, AJ18LZ	3/4	487	678	906	1169	1467			17.4	CSR	FC	C/V	15.3
	T2178GK	-	1	606	827	1081	1368	1688			20.4	CSR	FC	C/V	16.7
	T2180GK	-	1.12	639	873	1147	1460	1813			22.4	CSR	FC	C/V	17.3
	NJ2192GK	AKL26ZS, AJ26LZ	1.25	752	1021	1345	1725	2161			26.2	CSR	FC	C/V	22.8
	NE series	NJ2212GK	AJ33LZ, AJ34LZ	1.5	945	1333	1775	2273	2825			34.4	CSR	FC	C/V

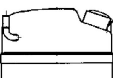
R404A MED/HIGH MODELS [Emkarate RL22HB POE lubricant]

[-10°C to 10°C evap temp range]

	NE6181GK	B6181GK	1/4						565	689	836	1006	1200	7.4	CSIR	FC	C/V	10.9
	NE6210GK	E6210GK	1/3						669	821	999	1205	1436	8.9	CSIR	FC	C/V	10.6
	NE9213GK	E9213GK	3/8						862	1080	1327	1602	1906	12.0	CSR	FC	C/V	11.6
	T6217GK	-	1/2						959	1220	1512	1833	2184	14.5	CSIR	FC	C/V	14.6
	T6220GK	-	5/8						1161	1471	1823	2214	2647	17.4	CSR	FC	C/V	14.6
	NJ9226GK	-	3/4						1584	1998	2470	2998	3584	21.7	CSR	FC	C/V	22.1
	NJ9232GK	-	1.25						1940	2456	3045	3706	4441	26.1	CSR	FC	C/V	22.2
	T series	NJ9238GK	-	1.5						2415	3014	3697	4463	5313	32.7	CSR	FC	C/V

R22 MED/HIGH MODELS [Fuchs Reniso EM46 alkyl benzene lubricant]

[-5°C to 15°C evap temp range]

	NB6152E+	AE6MHG, B6152E	1/5						394	483	584	697	4.85	CSIR	FC	C/V	10.2
	NE6181E	AE8MG-1, B6181E	1/4						561	705	873	1063	7.4	CSIR	FC	C/V	10.9
	NE6210E	AE9MG-1, E6210E	1/3						670	836	1026	1241	8.9	CSIR	FC	C/V	10.6
	NE9213E	AE12MG-1, E9213E	3/8						980	1220	1491	1792	12.0	CSR	FC	C/V	11.9
	T6217E	AE14MG-1	1/2						1073	1388	1728	2093	14.5	CSR	FC	C/V	16.1
	T6220E	-	5/8						1345	1682	2065	2494	17.4	CSR	FC	C/V	16.2
	NJ9226E	AJ20MG-1	3/4						1792	2249	2769	3352	21.7	CSR	FC	C/V	20.0
	NJ7228FR	AJ24MG-1	1.0						1976	2325	2992	3786	23.8	CSR	FC	C/V	22.0
	NJ9232E	AJ26MG-1	1.25						2159	2695	3313	4013	26.2	CSR	FC	C/V	20.2
	NJ9238E	AJ34MG-1	1.5						2802	3427	4131	4914	32.7	CSR	FC	C/V	21.0
	NJ7240FR	-	1.75						3075	3617	4443	5369	34.4	CSR	FC	C/V	22.0

R22 AIRCONDITIONING MODELS [Bantelon Avilub FC32 MO lubricant]

[-5°C to 15°C evap temp range]

NJ series	NJ7228FA	AJA5510EXC	1.0						1976	2325	2992	3786	23.8	PSC	FC	C	22.0
	NJ7231FA	AJB5515EXC	1.25						2317	2726	3315	3974	26.2	PSC	FC	C	19.8
	NJ7238EA	AJA5518EXC	1.5						2830	3328	4048	4931	32.7	PSC	FC	C	21.0
	NJ7240FA	AJA5519EXC	1.75						3075	3617	4443	5369	34.4	PSC	FC	C	22.0

Note : Above models are 220 - 240/1/50. All compressors are complete with electrics. Standards connections are stub suction & stub discharge except J comps (CSR & CSIR type) which come complete with rotolock suction & stub discharge.

Old model with oil cooler.

+ Model NB6152 has Shell 32 Visc alkylbenzene lubricant.

COMPRESSORS - HERMETIC

R404A / R134a MODELS

(Compressors supplied less valve kit)

(ICI RL32CF or Mobil Artic 22CC POE Lubricant)

R404A LOW / MED
R134a MED / HIGH

(-32° C to 0° C evap temp range)
(-20° C to 12.5° C evap temp range)

Superceded Models
Nom HP

Nominal rating (watts) @ 54 deg C Condensing

Disp (cc)*
Refrig Cont.
Wt (Kg)

Single Phase CSR (220-240V / 1 / 50Hz)

CS10K6E-PFJ		1.75
CS14K6E-PFJ	AH49MHY-1	2.25
CS18K6E-PFJ		2.75

Three Phase (380-420V / 3 / 50Hz)

CS14K6E-TFD		2.25
CS18K6E-TFD		2.75
CS20K6E-TFD	AH74MHY-2	3.0
CS27K6E-TFD		4.0
CS33K6E-TFD		5.0

R404A					R134a				
-25	-20	-15	-10	-5	-10	-5	0	5	10
440	989	1509	2058	2664	984	1446	1997	2652	3420
1231	1757	2356	3040	3760	1368	1982	2712	3580	4600
1500	2089	2854	3770	4830	1825	2646	3600	4760	6140
1231	1757	2356	3040	3760	1368	1982	2712	3580	4600
1500	2089	2854	3770	4830	1825	2646	3600	4760	6140
1468	2265	3120	4140	5410	2345	3230	4290	5500	6820
2175	3100	4230	5520	7050	3240	4250	5430	7060	9300
2704	3690	4920	6460	8390	3540	4860	6480	8300	10320

R22 MED / HIGH MODELS

(-20° C to 12.5° C evap temp range)

(Suniso 3GS Lubricant)

Single Phase CSR (220-240V / 1 / 50Hz)

CRC1-0175-PFJ	AWA5522EXC	1.75
CR24KQ-PFZ	CRD1-0200-PFJ	2.0

CR28KQ-PFZ-R	CRE2-0225-PFJ	2.25
	AWA5528EXC	
CR28KQ-PFZ-S	CRE2-0225-PFJ	2.25
	Stub conn version.	

Three Phase (380-420V / 3 / 50Hz)

CR33KQ-TFD	CRG3-0250-TFD	2.5
	AH49MG,AW5532	

CR41KQ-TFD	CRK3-0325-TFD	3.25
	AVA5542EXG	

CR53KQ-TFD	CRM3-0400-TFD	4.0
	AGA5553EXG	

CRN5-0500-TFD	AGA5561EXG	5.0
BRE4-0750-TFD	AND5590EXG	7.5

BRG2-0900-TFD	AND5610EXG	9.0
BRH2-1000-TFD	AND5612EXG	10.0

BRK2-1200-TFD	AND5614EXG	12.0
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R22					
-10	-5	0	5	7.2	10
NO LONGER AVAILABLE					
2165	3070	4090	5328	5860	6720
	3540	4660	5980	6580	7490
2572	3540	4660	5980	6580	7490
2922	4010	5380	7000	7740	8820
4150	5580	7300	9280	10200	11550
5680	7550	9680	12050	13100	14720
NO LONGER AVAILABLE. REFER TO SCROLL ZR61					
NO LONGER AVAILABLE. REFER TO SCROLL ZR94					
NO LONGER AVAILABLE. REFER TO SCROLL ZR108					
NO LONGER AVAILABLE. REFER TO SCROLL ZR125					
NO LONGER AVAILABLE. REFER TO SCROLL ZR144					

Ratings based on return Vapour Temp. of 32 Deg C. 0 Deg C subcooling

ROTOLOCK VALVE KITS

Suct P/No.	Disch P/No.		Suction	Discharge
KPV04	KPV01	CS10,12,14,18 & 20 CRC-0175 Thru CR41KQ	3/4" F.Sw x 1-1/4"- 12 (L port)	3/8" F.Sw x 1"- 14 (L/R port)
KPV05	KPV06	CS27 & 33 CR53KQ,CRN-0500,ZS38,45	7/8" F.Sw x 1-1/4"- 12 (R port)	1/2" F.Sw x 1"- 14 (L/R port)
KPV02	KPV04	BRE-0750,BRG-0900 ZB58,66 & 76	1-1/8" F.Sw x 1-3/4"- 12 (R port)	3/4" F.Sw x 1- 1/4"-12 (L port)
KPV10	KPV05	BRH-1000, BRK-1200	1-3/8" F.Sw x 1-3/4"- 12 (R port)	7/8" F.Sw x 1- 1/4"-12 (L)


NOTES

For PSC operation in lieu of CSR, use Run Capacitor only.
PSC operation is only suitable for use with pressure equalised systems (eg. Capillary feed.)

* Displacement (cc) x 0.17 = m3/hr @2800 compressor RPM.

COMPRESSORS - SCROLL

AIR CONDITIONING SCROLL COMPRESSORS


	Nom	Elect	Nominal rating (Kws) @ 54 deg C Cond						Conns	Disp	Wt	Height		
			HP	Supply	R22									
					-5°	0°	5°	7.2°					10°	
	QUANTUM													
ZR28K3-PFJ-522 ∞	2.3	220-240/1/50	4.0	5.1	6.3	7.0	7.6	19.2/12.8	6.8	29	385			
ZR34K3-PFJ-522 ∞	2.8	220-240/1/50	4.8	6.1	7.6	8.3	9.1	19.2/12.8	8.0	30	410			
ZR36K3-PFJ-522 ∞	3.0	220-240/1/50	5.2	6.6	8.0	8.9	9.8	19.2/12.8	8.4	31	410			
ZR40K3-PFJ-522 ∞	3.3	220-240/1/50	5.7	6.9	8.4	9.0	10.0	19.2/12.8	9.4	32	400			
ZR47K3-PFJ-522 ∞	3.9	220-240/1/50	7.2	8.8	10.6	11.5	12.7	22.4/12.8	11.1	40	440			
ZR47KC-TFD-522	3.9	380-420/3/50	7.2	8.8	10.6	11.5	12.7	22.4/12.8	11.1	40	440			
	QUEST													
ZR61KC-PFZ-523 ∞	5.1	220-240/1/50	8.9	10.9	13.1	14.7	15.7	19.2/12.8	14.4	41	460			
ZR61KC-TFD-523	5.1	380-420/3/50	8.9	10.9	13.1	14.7	15.7	19.2/12.8	14.4	41	460			
ZR68KC-PFJ-522 ∞	5.5	220-240/1/50	10.3	12.5	15.1	16.5	18.0	22.4/12.8	16.2	42	460			
ZR68K3-TFD-523	5.5	380-420/3/50	10.3	12.5	15.1	16.5	18.0	22.4/12.8	16.2	42	460			
ZR72KC-TFD-523	6.0	380-420/3/50	11.1	13.5	16.2	17.8	19.2	22.4/12.8	17.0	44	460			
ZR72KC-TFD-522	6.0	380-420/3/50	11.1	13.5	16.2	17.8	19.2	22.4/12.8	17.0	44	460			
ZR81KC-TFD-523	6.5	380-420/3/50	12.3	15.0	18.2	19.8	21.8	22.4/12.8	19.2	45	465			
	SUMMIT													
ZR94KC-TFD-523	8.0	380-420/3/50	13.9	17.2	21.0	23.2	25.1	28.0/19.2	22.1	58	495			
ZR108KC-TFD-523	9.0	380-420/3/50	16.5	20.1	24.1	26.9	28.6	35.0/22.4	25.1	73	555			
ZR125KC-TFD-523	10.0	380-420/3/50	19.1	23.3	27.9	31.0	33.2	35.0/22.4	28.8	78	555			
ZR144KC-TFD-523	12.0	380-420/3/50	21.5	26.3	31.6	34.7	37.5	35.0/22.4	33.2	80	555			
	SPECTER													
ZR16M3-TWD-551	13.0		23.3	28.6	34.4	37.7	40.9	35.0/22.4	35.6	110	546			
ZR19M3-TWD-551	15.0	380-420/3/50	28.6	34.9	41.8	45.9	49.8	54.0/35.0	42.1	119	592			
ZR250KC-TWD-551	20.0	380-420/3/50	34.3	42.5	51.0	55.6	61.0	-	-	140	717			
ZR300KC-TWD-551	25.0	380-420/3/50	42.0	52.0	63.0	68.0	76.0	-	-	160	715			

∞ All 1Ø (PFJ & PFZ) compressors come c/w Run Capacitor.

Ratings based on return Vapour Temp. of 35 Deg C. 0 Deg C subcooling

REFRIGERATION SCROLL COMPRESSORS (GLACIER)

All compressors c/w rubber mts*, sightglass, rotolock conns less
rotolock valves. (POE Lubricant) (Suitable for 380-420V/3/50Hz)

	Nom	HP	Nominal rating (Kws) @ 54deg C Cond								Disp	Wt	Height	
			R404A											
			FOR R22 RATING ADD 5% TO R404A RATING (REQ LIQ INJECTION)											
			-35	-30	-25	-20	-15	-10	-5	0	5			
	QUANTUM													
ZF09K4E-TFD	3.0		1.5	1.9	2.3	2.8	3.3	4.0	4.7	5.6	6.6	8.1	30	430
ZS21K4E-TFD	3.0					2.9	3.5	4.1	4.9	5.8	6.9	8.1	30	392
ZF11K4E-TFD	3.5		1.8	2.3	2.8	3.5	4.1	4.9	5.8	7	8.3	10.0	31	440
ZS26K4E-TFD	3.5					3.5	4.2	5.1	6.1	7.2	8.6	10.0	31	406
	QUEST													
ZF13K4E-TFD	4.0		2.1	2.7	3.2	4.0	4.8	5.8	6.9	8.2	9.7	11.8	41	480
ZS30K4E-TFD	4.0					4.1	4.9	5.9	7.1	8.5	10.0	11.8	41	458
ZF15K4E-TFD	5.0		2.6	3.3	3.9	4.9	5.8	7.0	8.3	10.0	11.8	14.5	42	480
ZS38K4E-TFD	5.0					5.0	6.0	7.2	8.6	10.3	12.3	14.5	42	458
ZB38KCE-TFD	5.0					4.7	5.8	7.1	8.6	10.3	12.3	14.5	42	458
ZF18K4E-TFD	6.0		3.1	4.0	4.8	5.9	6.9	8.4	10.0	12.0	14.2	17.2	44	480
ZS45K4E-TFD	6.0					6.0	7.2	8.7	10.4	12.4	14.8	17.2	44	458
ZB45KCE-TFD	6.0					5.6	6.9	8.4	10.1	12.1	14.4	17.2	44	458
	SPECTER													
ZF24K4E-TWD	7.5		3.8	4.9	5.8	7.2	8.5	10.3	12.3	14.7	17.4	21.9	100	560
ZS56K4E-TWD	7.5					7.3	8.9	10.6	12.7	15.0	17.7	21.9	100	525
ZF33K4E-TWD	10.0		5.3	6.7	8.2	10.3	12.2	14.9	17.5	20.8	24.5	28.9	102	560
ZS75K4E-TWD	10.0					10.2	12.3	14.8	17.6	20.8	24.6	28.9	102	532
ZF40K4E-TWD	13.0		6.4	8.3	10.0	12.5	14.8	18.0	21.3	25.5	30.1	35.8	112	570
ZS92K4E-TWD	13.0					12.6	15.2	18.3	21.8	25.8	30.4	35.8	112	532
ZF48K4E-TWD	15.0		7.4	9.6	11.4	14.1	16.9	20.7	24.5	29.3	34.6	42.1	120	570
ZS11M4E-TWD	15.0					14.6	17.5	21.0	25.1	29.8	35.2	42.1	120	579

Ratings based on return Vapour Temp. of 20 Deg C. 0 Deg C subcooling

Suct P/No.	Disch P/No.	ROTOLOCK VALVE KITS	Suction	Discharge
KPV05	KPV06	ZF09-18/ZS15-45/ZR61-72	7/8" F. Sw x 1-1/4"-12 (R Port)	1/2" F. Sw x 1"-14 (L/R Port)
KPV02	KPV04	ZF24/ZS56,ZR94-125K (6309)	1-1/8" F. Sw x 1-3/4"-12 (R Port)	3/4" F. Sw x 1-1/4"-12 (L Port)
KPV10	KPV05	ZF33,40/ZS75,92 (6309545)	1-3/8" F. Sw x 1-3/4"-12 (R Port)	7/8" F. Sw x 1-1/4"-12 (L Port)
		ZR144K,ZR16M		
KPV05	KPV09	ZR81	7/8" F. Sw x 1-1/4"-12 (R Port)	5/8" F. Sw x 1-1/4"-12 (L Port)
2600-263650	KPV02	ZF48/ZS11M/ZR19M	1-5/8" F. Sw x 2-1/4"-12 (T Port)	1-1/8" F. Sw x 1-3/4"-12 (R Port)

Liquid Injection Kits (Required only on ZF compressors for low temperature applications.)

LK020-060 For ZF09K to ZF18K comprising of corresponding cap tube assy, Sol.vlv (510-0352-07) current sensing relay (040-0135-01), thermostat (998-0523-00) & liquid line filtr (013-0094-00)

LK075-150 For ZF24K to ZF48K comprising of corresponding cap tube assy, Sol.vlv (2981481) & liquid line filter(2981356), current sensing relay & thermostat are internal.

Notes BOM522 = Stub connections & BOM523 & 551 = Rotolock fittings only.

COMPRESSORS - SEMIHERMETIC

DWM COPELAND

Disp.
(m³/hr)

STANDARD MODELS	Nom. HP	Nominal capacity (Watts) @ 54 Deg C Cond. Temp.																	
		R22								R404A									
		-30	-25	-20	-15	-10	-5	0	5	10	-30	-25	-20	-15	-10	-5	0		5
DKJ10X-CAG (1 Ph)	1.0	680	950	1260	1640	2080	2600	3190	3860	4630	710	970	1270	1630	2040	2520	3080	3710	5.13
DKJ10X-EWL	1.0	680	950	1260	1640	2080	2600	3190	3860	4630	710	970	1270	1630	2040	2520	3080	3710	5.13
DKSJ10X-CAG (1 Ph)	1.0	960	1280	1660	2110	2650	3280				950	1280							6.33
DKSJ15X-CAG (1 Ph)	1.5	960	1280	1670	2140	2670	3280	3960			980	1290	1670	2120	2640				6.33
DKSJ15X-EWL	1.5	960	1280	1670	2140	2670	3280	3960			980	1290	1670	2120	2640				6.33
DKL15X-CAG (1 Ph)	1.5	1080	1460	1910	2440						1160	1530							7.38
DKL15X-EWL	1.5	1080	1460	1910	2440						1160	1530							7.38
DKSL20X-EWL	2.0	1420	1900	2450	3100						1470	1940	2490	3140					9.10
DLE20X-EWL	2.0	1130	1640	2250	2980	3850	4860	6050	7420		920	1470	2090	2810	3640	4600	5710	6990	9.86
DLF20X-EWL	2.0	1670	2380	3230	4250						1420	2040	2780						12.9
DLF30X-EWL	3.0	1680	2400	3270	4290	5480	6830	8360	10100	12000	1760	2460	3280	4240	5350	6650			12.9
DLL30X-EWL	3.0	2690	3720								2390	3420	4640						18.2
DLL40X-EWL	4.0	2700	3720	4930	6360	7990	9840	11900	14250		2440	3420	4590	5990	7650	9600			18.2
DLSG40X-EWL	4.0	3780	5020	6430							3190	4420	5870						22.5

STANDARD MODELS	Nom. HP	Nominal capacity (Kw) @ 54 Deg C Cond. Temp.																					
		R22								R404A													
		-30	-25	-20	-15	-10	-5	0	5	10	-30	-25	-20	-15	-10	-5	0		5				
D2SA55X-EWL	5.5					9.0	11.2	13.8	16.8	20.3					4.5	5.9	7.5	9.2	11.3	13.6	16.2	22.4	
D2SC55X-EWL	5.5				8.8	11.2	14.2								3.9	5.3	6.9	8.9	11.2	13.9		26.8	
D3SA75X-AWM	7.5					12.7	15.9	19.6	24.0	29.1					6.0	7.9	10.2	12.8	15.9	19.4	23.4	32.2	
D3SC100X-AWM	10					15.5	19.2	23.5	28.6	34.5					7.7	10.1	12.7	15.8	19.3	23.4	28.0	38.0	
D3SS150X-AWM	15					21.2	26.4	31.9	38.4	46.0					11.1	14.3	17.8	21.9	26.7	32.2	38.4	49.9	
D4SA200X-AWM	20					23.9	29.6	36.1	43.7	52.3					8.0	10.9	14.3	18.3	22.9	28.3	34.5	41.6	56.0
D4SH250X-AWM	25					31.1	38.4	46.8	56.5	67.6					10.6	14.3	18.5	23.4	29.2	35.9	43.6	52.5	70.8
D4SJ300X-AWM	30					35.8	44.6	54.8	66.5	79.8					12.5	17.4	22.8	29.0	36.0	43.9	52.8	62.7	84.7
D6SH350X-AWM	35					44.7	55.0	66.8	80.3	95.9					16.4	22.1	28.6	36.2	45.1	55.3	67.1	80.7	106.0
D6SJ400X-AWM	40					51.5	64.4	79.3	96.4	116					19.1	25.8	33.3	42.0	51.9	63.3	76.3	91.4	127.0
DISCUS MODELS																							
D2DD50X-AWM	5.0					6.0	7.8	10.1	12.5	15.3	18.5				2.6	3.7	4.9	6.3	8.0	10.0	12.3	14.9	19.3
D2DL75X-AWM	7.5					7.8	10.1	12.7	15.8	19.2	23.1				3.5	4.7	6.1	7.9	10.1	12.6	15.6	19.0	23.7
D2DB50X-AWM	5.0	4.1	5.5	7.4	9.3	11.8	< DEMAND COOLING								6.1	7.8	9.9	12.4	15.1				28.0
D2DB75X-AWM	7.5				9.9	12.6	15.4	18.8	22.6	27.0					4.7	6.2	7.8	8.9	12.3	15.1	18.4	22.2	28.0
D3DA50X-AWM	5.0	4.6	6.2	8.1	< DEMAND COOLING										7.0	8.9	11.1	13.6	16.6				32.2
D3DA75X-AWM	7.5				11.2	14.4	17.8	21.8	26.4	31.6					5.0	6.8	9.0	11.5	14.4	17.8	21.8	26.3	32.2
D3DC75X-AWM	7.5	5.7	7.7	10.1	< DEMAND COOLING										8.5	10.8	13.5	16.6	20.1				38.0
D3DC100X-AWM	10				13.5	17.1	21.0	25.7	31.0	37.1					6.3	8.4	11.0	13.9	17.3	21.3	25.9	31.2	38.0
D3DS100X-AWM	10	8.0	10.7	13.9	< DEMAND COOLING										12.2	15.3	19.0	23.2	28.0				49.9
D3DS150X-AWM	15				18.5	23.2	28.1	34.0	40.7	48.4					8.7	11.6	15.0	18.8	23.2	28.3	34.1	40.8	49.9
D4DF100X-AWM	10	7.8	10.5	13.8	< DEMAND COOLING										12.2	15.7	19.7	24.4	29.9				56.0
D4DL150X-AWM	15	12.3	15.9	19.9	< DEMAND COOLING										16.7	21.2	26.6	32.9	40.2				70.8
D4DA200X-AWM	20				20.5	25.8	31.8	38.7	46.6	55.6					8.6	12.0	15.8	20.2	25.2	31.0	37.7	45.4	56.0
D4DT220X-AWM	22	14.4	18.6	23.4	< DEMAND COOLING										20.4	25.8	32.2	39.7	48.3				84.7
D4DH250X-AWM	25				26.6	33.0	40.4	48.8	58.5	69.6					11.6	15.7	20.4	25.9	32.2	39.5	47.9	57.5	70.8
D4DJ300X-AWM	30				31.3	38.6	46.9	56.4	67.3	79.8					14.6	19.7	25.4	31.9	39.3	47.8	57.5	68.5	84.7
D6DL270X-AWM	27	15.6	20.6	26.3	< DEMAND COOLING										23.9	30.1	37.4	45.8	55.5				106.0
D6DT320X-AWM	32	19.6	25.3	31.4	< DEMAND COOLING										30.0	37.7	46.5	56.4	67.7				127.0
D6DH350X-AWM	35				39.5	49.0	60.0	72.7	87.2	104					18.0	24.2	31.2	39.1	48.2	58.5	70.3	83.9	106.0
D6DJ400X-AWM	40				45.3	56.7	69.4	84.3	102	121					22.3	29.2	37.2	46.5	57.2	69.8	84.4	102	127.0
D8DL370X-AWM	37														35.9	45.5	56.7	69.4	83.9				151.0
D8DT450X-AWM	45														43.0	54.0	66.8	81.6	98.6				181.0
D8DH500X-AWM	50				66.5	82.0	100	121	144						25.7	34.6	44.6	56.1	69.2	84.3	102	122	151.0
D8DJ600X-AWM	60				79.9	98.3	120	144	172						31.9	42.7	54.7	68.2	83.6	101	121	144	181.0

Ratings based on return Vapour Temp. of 20 Deg C. 0 Deg C subcooling

Motor Electrical Codes :-

CAZ	220-240/1/50
CAG	220-230/1/50
CAS	220/1/50
CBZ	230/1/50
EWL	380-420Y/3/50
EWM	380-420Delta-Ystart/3/50
AWM	380-420 66%YY/Y- PWS/3/50
BWM	380-420 60%YY/Y-PWS/3/50

Notes :

1. DK,DL,PL, models require body air cooling 38m³/min or water jacket. All other models are suction gas cooled.
2. D4,6,8 & DL low temp models do not require oil cooler when used on R404a.
3. Models rated for R404a may also be applied with R507.








NOTE : All DWM Copeland compressors are oil & nitrogen charged and complete with oil level sightglass, vibration mounts, electrical protection and individually cartoned. Where head fans or demand cooling is required; refer to additional price for Accessories.



CENTRAL QUEENSLAND PTY LTD PH. 07 49273648 FAX 07 49271576

COMPRESSORS - SEMIHERMETIC

DWM COPELAND

	Nom. HP	Nom Cap.(Watts) @ 54 deg C Cond. R134a						Dimensions L X W X H				Oil Chg Ltr	Connections Suct X Disch (in)		Wt (Kg)	
		-20	-15	-10	-5	0	5									
STANDARD MODELS																
	DKJ10X-CAG (1 Ph)	1.0						364	208	257	.65	5/8	1/2	41		
	DKJ10X-EWL	1.0						364	208	257	.65	5/8	1/2	41		
	DKSJ10X-CAG (1 Ph)	1.0	880	1200	1580	2030	2550	3160	364	208	257	.65	5/8	1/2	42	
	DKSJ15X-CAG (1 Ph)	1.5							364	208	257	.65	5/8	1/2	42	
	DKSJ15X-EWL	1.5							364	208	257	.65	5/8	1/2	42	
	DKL15X-CAG (1 Ph)	1.5	1060	1410	1820	2300	2860	3510	364	208	257	.65	5/8	1/2	41	
	DKL15X-EWL	1.5	1060	1410	1820	2300	2860	3510	364	208	257	.65	5/8	1/2	41	
	DKSL20X-EWL	2.0	1350	1800	2330	2960	3710	4570	364	208	257	.65	5/8	1/2	42	
	DLE20X-EWL	2.0	1110	1580	2130	2770	3520	4400	470	330	350	2.0	7/8	5/8	84	
	DLF20X-EWL	2.0	1570	2210	2950	3810	4820	6000	470	330	350	2.0	7/8	5/8	86	
	DLF30X-EWL	3.0							470	330	350	2.0	7/8	5/8	86	
	DLL30X-EWL	3.0	2300	3230	1300	5560	7040	8760	470	330	350	2.0	7/8	5/8	91	
	DLL40X-EWL	4.0							470	330	350	2.0	1-1/8	5/8	93	
	DLSG40X-EWL	4.0	3300	4440	5760	7300	9110	11200	470	330	350	2.0	1-1/8	5/8	88	
	D2SA55X-EWL	5.5							553	330	355	2.4	1-1/8	7/8	95	
	D2SC55X-EWL	5.5							553	330	355	2.4	1-1/8	7/8	96	
	D3SA75X-AWM	7.5							682	370	445	3.7	1-3/8	1-1/8	174	
	D3SC100X-AWM	10							682	370	445	3.7	1-3/8	1-1/8	174	
	D3SS150X-AWM	15							710	370	445	3.7	1-5/8	1-1/8	177	
	D4SA200X-AWM	20							650	485	450	3.6	1-5/8	1-1/8	199	
	D4SH250X-AWM	25							670	490	450	4.0	2-1/8	1-1/8	210	
	D4SJ300X-AWM	30							690	515	450	4.0	2-1/8	1-3/8	226	
	D6SH350X-AWM	35							760	540	445	4.3	2-1/8	1-3/8	240	
	D6SJ400X-AWM	40							760	465	485	7.4	2-1/8	1-3/8	268	
Nom Cap.(Kw) @ 54 deg C Cond.																
			-20	-15	-10	-5	0	5								
DISCUS MODELS																
	D2DD50X-AWM	5.0						11.80	592	350	432	2.3	1-3/8	7/8	132	
	D2DL75X-AWM	7.5							592	350	432	2.3	1-3/8	1-1/8	136	
	D2DB50X-AWM	5.0	4.01	5.52	7.27	9.32	11.70	14.50	592	350	432	2.3	1-3/8	7/8	131	
	D2DB75X-AWM	7.5						14.00	592	350	432	2.3	1-3/8	1-1/8	136	
	D3DA50X-AWM	5.0	4.60	6.29	8.26	10.55	13.25	16.50	682	370	445	3.7	1-3/8	1-1/8	146	
	D3DA75X-AWM	7.5						16.40	682	370	445	3.7	1-3/8	1-1/8	152	
	D3DC75X-AWM	7.5	5.88	7.87	10.15	12.85	16.00	19.70	682	370	445	3.7	1-3/8	1-1/8	150	
	D3DC100X-AWM	10						19.70	682	370	445	3.7	1-3/8	1-1/8	164	
	D3DS100X-AWM	10	8.05	10.65	13.65	17.15	21.20	26.00	682	370	445	3.7	1-3/8	1-1/8	162	
	D3DS150X-AWM	15						26.80	710	370	445	3.7	1-5/8	1-1/8	166	
	D4DF100X-AWM	10							680	520	450	4.5	1-5/8	1-1/8	179	
	D4DL150X-AWM	15							680	520	450	3.6	1-5/8	1-1/8	195	
	D4DA200X-AWM	20						30.40	650	520	450	3.6	1-5/8	1-1/8	196	
	D4DT220X-AWM	22							700	535	450	4.0	2-1/8	1-3/8	195	
	D4DH250X-AWM	25						38.40	670	535	450	4.0	2-1/8	1-1/8	209	
	D4DJ300X-AWM	30						44.90	690	535	450	4.0	2-1/8	1-3/8	214	
	D6DL270X-AWM	27							740	580	445	4.3	2-1/8	1-3/8	222	
	D6DT320X-AWM	32							740	580	495	7.4	2-1/8	1-3/8	241	
	D6DH350X-AWM	35						57.60	760	580	445	4.3	2-1/8	1-3/8	226	
	D6DJ400X-AWM	40						65.30	760	580	495	7.4	2-1/8	1-3/8	277	
	D8DL370X-AWM	37							835	590	563	7.7	2-5/8	1-5/8	305	
	D8DT450X-AWM	45							835	590	563	7.7	3-1/8	1-5/8	322	
	D8DH500X-AWM	50						76.30	835	590	563	7.7	2-5/8	1-5/8	331	
	D8DJ600X-AWM	60						88.50	835	590	563	7.7	3-1/8	1-5/8	331	

Motor Electrical Codes :-

- CAZ 220-240/1/50
- CAG 220-230/1/50
- CAS 220/1/50
- CBZ 230/1/50
- EWL 380-420Y/3/50
- EWM 380-420Delta-Ystart/3/50
- AWM 380-420 66%YY/Y- PWS/3/50
- BWM 380-420 60%YY/Y-PWS/3/50

Ratings based on return Vapour Temp. of 20 Deg C. 0 Deg C subcooling

NOTE : All DWM Copeland compressors are oil & nitrogen charged and complete with oil level sightglass, vibration mounts, electrical protection and individually cartoned. Where head fans or demand cooling is required; refer to additional price for Accessories.



CENTRAL QUEENSLAND PTY LTD PH. 07 49273648 FAX 07 49271676



COMPRESSORS - ROTARY

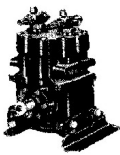
Air Conditioning Rotary Compressors (220-240V-1-50Hz) R22
 All compressors supplied complete with rubber mts and capacitor.
 (Lubricant - 4GS)



Models	Nom. HP	*Nominal rating R22		Disp (cc)	Wt. (Kg)
		Kw	BTU/h		
SG533QB	1.00	2.65	9007	16.2	10.7
SG733RA	1.25	3.00	10200	18.4	11.7
SL211CV	1.50	3.50	12000	21.1	14.5
SL242CV	1.75	4.10	14000	24.2	14.5
SHZ33LC	2.00	4.85	16500	28.6	16.2
SHY33MC	2.25	5.15	17500	30.8	16.2
SHX33SC	2.50	5.65	19200	33.6	17.5
SHW33TC	2.75	6.00	20500	35.7	17.5
SHV33YC	3.00	7.10	24200	41.7	21.5

NOTES: *ARI - CAPACITY ON R22 (7.2°C SST / 54.4° SCT / 11K S.Heat / 8.3K Liq Sub Cool / 35Amb)

COMPRESSORS - OPEN TYPE



	HP Range	Application	Disp (cc)	Cyl	RPM		Brand	Flywheel	
					Max	Min		OD	V.Belt
CG(HGC1000)	3/4-1.5	R134a (-20 to +5°C) R22 (-35 to +5°C)	170	2	1525	500	Blissfield	8-3/4"	2A
CH (VFT)	2-3	R134a/R22	275	4	1525	415	Blissfield	10-1/2"	2B

(C/w flywheels - without oil)

DWM COMEF (less flywheels) with Ester Oil



	HP Range	Application	Disp (m³/hr)	Flywheel		Wt (Kg)
				OD	V.Belt	
4CC63E (Aust Only)	10-20	R134a R22 R404A HM	56.0	320mm	3A	155
4CC68EL	10-20	R134a R22 R404A L	70.9	320mm	3A	155
4CC68E (Aust Only)	15-25	R134a R22 R404A HM	70.9	320mm	3A	155
4CC75E (Aust Only)	15-25	R134a R22 R404A HM	84.6	320mm	3A	160
6CC68EL	15-25	R134a R22 R404A L	106.4	256mm	4A	180
6CC68E	20-35	R134a R22 R404A HM	106.4	256mm	4A	180
6CC75EL	20-40	R134a R22 R404A L	126.9	Direct Drive		185
6CC75E	25-50	R134a R22 R404A HM	126.9	Direct Drive		185
8CC75EL	25-50	R134a R22 R404A L	180.1	Direct Drive		216
8CC75E	30-70	R134a R22 R404A HM	180.1	Direct Drive		216

Accessories for CC models

Flywheel		2 groove for 2CC 3 groove for 4CC 4 groove for 6CC68	} OPTIONS
Direct Drive Coupling	9SHI for 10SHI for	10 - 25 HP motor 30 - 40 HP motor	
	11S for 11SHI for	50 - 60 HP motor 70 - 80 HP motor	
Crankcase Heater			
Oil Failure Switch (fitted)		(4CC & up only)	
Head cooling Fan (fitted)			
Discharge temp protection			
Capacity Control (fitted)	2641652 2852558	for 63 & 68mm for 75mm	

NOTE: 6CC75E/L & 8CC75E/L models suitable direct drive only