

# section 1

## compressors

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ASPERA R22 MEDIUM TEMPERATURE



REECE CODE	MODEL	HP	DISP	WATTS -5C
2700980	NB6144E	1/6	4.52	339
2700982	NB6152E	1/5	5.02	394
2700984	NB6165E	1/4	6.05	485
2700987	NE6181E	1/3	7.28	561
2700991	NE6210E	3/8	8.78	670
2700993	NE9213E	1/2	12.12	980
2701019	T6217E	5/8	14.5	1073
2701021	T6220E	3/4	17.4	1345
2701002	J7228F	1	23.4	1919
2701009	J9232E	1 1/4	26.2	2159
2701011	J9238E	1 1/2	32.7	2802
2701006	J7240F	1 1/2	32.37	2842

ASPERA R404A / R507 MEDIUM TEMPERATURE



REECE CODE	MODEL	HP	DISP	WATTS -5°C
2700981	NB6144GK	1/6	4.52	375
2700983	NB6152GK	1/5	5.02	437
2700985	NB6165GK	1/4	6.05	528
2700988	NE6181GK	1/3	7.28	585
2700992	NE6210GK	3/8	8.78	721
2700994	NE9213GK	1/2	12.12	1080
2701020	T6217GK	5/8	14.5	1220
2701022	T6220GK	3/4	17.4	1471
2701008	J9226GK	1	21.7	1998
2701010	J9232GK	1 1/4	26.2	2456
2701012	J9238GK	1 1/2	32.7	3014

ASPERA R134A MEDIUM TEMPERATURE



REECE CODE	MODEL	HP	DISP	WATTS -5°C
2700979	NB5144Z	1/6	6.05	326
2700999	NB6144Z	1/6	6.05	326
2700986	NB6170Z	1/4	8.78	443
2700990	NE6187Z	1/3	12.12	637
2701017	T6213Z	1/2	17.4	835
2701018	T6215Z	5/8	20.4	998
2700998	J6220Z	3/4	26.2	1471
2701000	J6226Z	1	34.37	1764

**ASPERA R404A / R507 LOW TEMPERATURE**



REECE CODE	MODEL	HP	DISP	WATTS -25°C
2700989	NE2134GK	1/3	12.12	424
2701014	T2155GK	3/8	14.5	524
2701015	T2168GK	1/2	17.4	678
2701016	T2178GK	5/8	20.4	827
2700996	J2192GK	3/4	26.2	1021
2700997	J2212GK	1	34.37	1333

**ASPERA R134A LOW TEMPERATURE**



REECE CODE	MODEL	HP	DISP	WATTS -25°C
2701013	T2134Z	1/3	19.04	357
2700995	J2152Z	1/2	27.12	521

**ASPERA R22 AIRCONDITIONING**



REECE CODE	MODEL	HP	DISP	WATTS +7°C
2701001	J7228FA	1	23.5	2878
2701003	J7231FA	1 1/4	26.2	3596
2701004	J7238EA	1 1/2	32.7	4416
2701005	J7240FA	1 1/2	34.37	4838

## MANEUROP R22 AIRCONDITIONING - MINERAL OIL

MODEL	CAPACITY R22 (W)			DISPL.	ELECTRICAL			PIPE SIZE		ROTA LOCK	OIL	WEIGHT
	NOM HP	-5°C	+7.2°C		CC/REV	PHASE	MRA	LRA	SUCT.			
MT18-4VM	1.5	2.21	3.9	30.23	3	5	16	1/2"	3/8"	V06 / V01	0.95	22
MT22-4VM	1.8	3.21	5.4	38.12	3	6	16	5/8"	3/8"	V06 / V01	0.95	23
MT28-4VM	2.3	4.7	7.3	48.06	3	7.5	23	5/8"	3/8"	V06 / V01	0.95	24
MT32-5VM	2.7	5.02	8.06	53.86	1	20	70	5/8"	1/2"	V09 / V06	0.95	25
MT36-4VM	3	6.01	9.2	60.47	1	9	30	5/8"	1/2"	V09 / V06	0.95	25
MT40-4VM	3.3	6.61	10.49	67.9	3	10	38	5/8"	1/2"	V09 / V06	0.95	26
MT45-4VM	3.8	6.67	10.84	76.22	3	9.5	49	7/8"	5/8"	V07 / V04	1.8	36
MT51-4VM	4.3	7.71	12.34	85.64	3	11.5	49	7/8"	5/8"	V07 / V04	1.8	37
MT57-4VM	4.8	8.86	13.74	96.1	3	12	64	7/8"	5/8"	V07 / V04	1.8	37
MT65-4VM	5.4	10.04	15.79	107.7	3	14	64	7/8"	5/8"	V07 / V04	1.8	37
MT73-4VM	6	11.3	17.9	120.94	3	17	80	7/8"	3/4"	V07 / V04	1.8	39
MT81-4VM	6.8	12.72	20.25	135.78	3	19	80	1 1/8"	3/4"	V02 / V04	1.8	42
MT100-4VM	8.3	14.34	23.41	171.26	3	22	79	1 1/8"	3/4"	V02 / V04	3.9	66
MT125-4VM	10.4	19.19	29.39	215.44	3	27	105	1 1/8"	3/4"	V02 / V04	3.9	68
MT144-4VM	12	21.65	33.99	241.78	3	30	115	1 1/8"	3/4"	V02 / V04	3.9	69
MT160-4VM	13.3	24.09	38.39	271.55	3	36	130	1 1/8"	3/4"	V02 / V04	3.9	69

-5°C Capacities based on 50°C Condensing, 11.1K Superheat, 8.3K Subcooling  
 7.2°C Capacities based on 54.4°C Condensing, 11.1K Superheat, 8.3K Subcooling

## MANEUROP R404A / R507 (POE OIL)

REECE		DISPL.								WEIGHT	HEIGHT	
CODE	MODEL	NOM HP	-5°C	+5°C	CC/REV	PHASE	RLA	LRA	SUCT.	DISCH	(KG)	(MM)
2700613	MTZ36-4VM	3	4870	7680	60.47	3	14.28	70	5/8	1/2	25	358
2700615	MTZ51-4VM	4	6920	11300	85.64	3	8.21	48.5	7/8	3/4	37	415
2701451	MTZ57-4VM	4.8	7880	12520	96.13	3	8.57	64	7/8	3/4	37	415
2701113	MTZ65-4VM	5	9130	14340	107.71	3	10	64	7/8	3/4	37	415
2700616	MTZ73-4VM	6	10230	16010	120.94	3	12.14	80	7/8	3/4	39	415
2701114	MTZ81-4VM	6.5	11720	18090	135.78	3	13.56	80	1-1/8	3/4	42	415
2701115	MTZ100-4VM	8.5	13500	21620	171.26	3	15.71	78	1-1/8	3/4	66	520
2701116	MTZ125-4VM	10	17500	27420	215.44	3	19.28	105	1-1/8	3/4	68	520
2701117	MTZ160-4VM	13	22520	34900	271.55	3	25.7	130	1-1/8	3/4	69	540

Capacities based on 50°C Condensing, 11.1K Super Heat, 8K Subcooling



**GFA R22 AIRCONDITIONING (RECIPROCATING)**



REECE CODE	MODEL	HP	PHASE	DISP	WATTS +5°C
2703230	GFA-90A	4HP	3PH	90.2	9887
2703231	GFA-112A	5HP	3PH	112.5	13010
2703232	GFA-124A	6HP	3PH	124.4	15400
2703233	GFA-134A	7HP	3PH	134.8	15742

**GFA R404A REFRIGERATION (RECIPROCATING)**



REECE CODE	MODEL	HP	PHASE	DISP	WATTS -5°C
2703226	GFA-90	4HP	3PH	90.2	6120
2703227	GFA-112	5HP	3PH	112.5	8070
2703228	GFA-124	6HP	3PH	124.4	9230
2703229	GFA-134	7HP	3PH	134.8	9997

**EMBRACO R134A DOMESTIC**



REECE CODE	MODEL	HP	DISP	WATTS - 23.3°C
2700077	EM30HNP	1/12	3.01	62
2700078	EM40HNP	1/9	3.77	88
2700079	EM50HNP	1/7	4.99	120
2700080	EM60HNP	1/6	5.54	139
2700081	FGS60HAW	1/6	5.56	147
2700082	FG65HAKW	1/5	6.76	164
2700083	FG75HAKW	1/4	7.95	193
2700084	FG85HAKW	1/4	9.05	227
2700085	FG95HAKW	1/4	10.62	258
2700086	FF112HKBK	1/3	11.15	308

**HITACHI R22 AIRCONDITIONING (SCROLL)**



REECE CODE	MODEL	HP	DISP	kW +7.2°C
2702050	501DH	5	13.62	14.68
2702051	601DH	6	15.55	16.54

COPELAND R22 AIRCONDITIONING MINERAL OIL (SCROLL)



REECE CODE	MODEL	HP	PH	kW +7.2°C
2700278	ZR28K3-PFJ-522	2.3	1	6.9
2700279	ZR34K3-PFJ-522	2.8	1	8.3
2700280	ZR40K3-PFJ-522	3.3	1	9.8
2700281	ZR47K3-PFJ-522	3.9	1	11.5
2700282	ZR47KC-TFD-522	3.9	3	11.5
2700283	ZR61KC-PFZ-523	5.1	1	14.6
2700284	ZR61KC-TFD-523	5.1	3	14.6
2700285	ZR68KC-PFJ-522	5.5	1	16.7
2700286	ZR68K3-TFD-523	5.5	3	16.7
2700287	ZR72KC-TFD-523	6	3	17.4
2700288	ZR81KC-TFD-523	6.5	3	19.7
2700289	ZR94KC-TFD-523	8	3	22.9
2700290	ZR108KC-TFD-523	9	3	26.3
2700291	ZR125KC-TFD-523	10	3	30.5
2700292	ZR144KC-TFD-523	12	3	35.2
2700293	ZR16M3-TWD-551	13	3	36.7
2700294	ZR19M3-TWD-551	15	3	43.5

COPELAND AIRCONDITIONING (POE OIL) (SCROLL)

REECE CODE	MODEL	R22 RATING POINT +7.2°C	NOM HP	PHASE 3	DISPL. CC/REV	NOM CURRENT FLA/PHASE	WEIGHT (KG)
2700284	ZR61KCE-TFD-522	14700	5	3	82.4	10	35.9
2703053	ZR68KCE-TFD-522	16500	5.75	3	93	10	38.2
2703054	ZR72KCE-TFD-522	17800	6	3	98	10	38.2
2703055	ZR81KCE-TFD-522	19800	6.75	3	110.6	12	40
2703056	ZR94KCE-TFD-522	23000	8	3	127.2	16.2	59
2703057	ZR94KCE-TFD-523	23200	8	3	127.2	16.2	58.2
2703058	ZR108KCE-TFD-522	26670	9	3	147.5	17.3	64
2700290	ZR108KCE-TFD-523	26670	9	3	147.5	17.3	64
2703059	ZR125KCE-TFD-522	30660	10	3	171.4	19.2	64
2700291	ZR125KCE-TFD-523	31000	10	3	165.6	19.2	62.7
2703060	ZR144KCE-TFD-522	34700	12	3	191.7	19.6	62.7
2700292	ZR144KCE-TFD-523	34700	12	3	191.7	19.6	62.7

**COPELAND R22 MEDIUM TEMPERATURE & AIRCONDITIONING (RECIPROCATING)**



REECE CODE	MODEL	HP	PHASE	CAPACITY (kW)	
				-5°C	+7°C
2700267	CRC1-0175-PFJ	1.75	1	3.3	6.2
2700268	CR24KQ-PFZ	2	1	3.5	6.6
2700269	CR28KQ-PFZ-R	2.25	1	4.2	7.5
2700296	CR28KQ-PFZ-S	2.25	1	4.2	7.5
2700270	CR33KQ-TFD	2.5	3	4.8	9.3
2700271	CR41KQ-TFD	3.25	3	6.5	11.9
2700272	CR53KQ-TFD	4	3	8.3	15
2700273	CRN5-0500-TFD	5	3	10.5	17.5
2700274	BRE4-0750-TFD	7.5	3	14.8	27.7
2700275	BRG2-0900-TFD	9	3	17.4	31.2
2700276	BRH2-1000-TFD	10	3	20	34.5
2700277	BRK2-1200-TFD	12	3	25.3	43.5

**COPELAND R404A MEDIUM & LOW TEMPERATURE (RECIPROCATING)**



REECE CODE	MODEL	HP	PHASE	CAPACITY (kW)	
				-5°C	-25°C
2700261	CS10K6E-PFJ	1.75	1	2.7	0.7
2700262	CS14K6E-PFJ	2.25	1	3.9	1.3
2700263	CS18K6E-PFJ	2.75	1	5	1.5
2700264	CS20K6E-TFD	3	3	5.5	1.7
2700265	CS27K6E-TFD	4	3	7.3	2.3
2700266	CS33K6E-TFD	5	3	8.7	2.9

BOCK SEMI HERMETIC COMPRESSORS (SUCTION GAS COOLED)



REECE CODE	MODEL	HP	DISPLACEMENT AT 50 HZ(1450 RPM) M³/H
2705000	HGX22/110*	1.5	9.4
2705001	HGX22/125*	2	11.1
2705002	HGX22/160*	3	13.7
2705003	HGX22/190*	3	16.5
2705004	HGX34/215*	4	18.8
2705005	HGX34/255*	4	22.1
2705006	HGX34/315*	5	27.3
2705007	HGX34/380*	6	33.1
2705008	HGX4/465	9	40.5
2705009	HGX4/555	11	48.2
2705010	HGX4/650	11	56.6
2705011	HGX5/725	15	62.9
2705012	HGX5/830	15	72.2
2705013	HGX5/945	20	82.2
2705014	HGX6/1080	25	93.7
2705015	HGX6/1240	30	107.6
2705016	HGX6/1410	30	122.4
2705017	HGX7/1620	37	140.6
2705018	HGX7/1860	40	161.4
2705019	HGX7/2110	45	183.6
2705020	HGX8/2470	55	214.3
2705021	HGX8/2830	55	245.9
2705022	HGX8/3220	65	279.8

\* No oil failure required