

Technical Information



MRC/MRC+		30	40	50	60	80	90	100	130	150	165	180
Nominal cooling capacity (0°C evaporating temp & 32°C ambient temp)	kW(1Ph)	3.26	4.22	5.47	6.20	7.38	8.83	-	-	-	-	-
	kW(3Ph)	3.28	4.24	5.49	6.30	7.51	9.01	10.67	12.45	13.21	16.02	17.92
Operating weight kg	1Ph	48	53	62	63	64	73	-	-	-	-	-
	3Ph	48	53	62	63	64	73	81	101	103	103	118
1 Ph (230V 50Hz) compressor load only												
Power (nominal)	kW	1.75	2.18	1.17	1.32	1.58	1.84	-	-	-	-	-
Starting current LRA	A	36	50	58	61	76	114	-	-	-	-	-
Nominal current FLA	A	8.1	10.2	8.9	9.8	11.5	16.9	-	-	-	-	-
3Ph (400v 50Hz) compressor load only												
Power (nominal)	kW	1.75	2.18	1.17	1.29	1.54	1.88	2.34	2.57	2.71	3.32	3.63
Starting current LRA	A	18	22	26	32	40	48	51	62	68	71	71
Nominal current FLA	A	3.6	4.8	4.2	4.2	4.9	7.1	7.2	7.7	8.7	9.5	11.9
Sound Pressure Levels (SPL) at 3m distance in free field conditions @ maximum fan speed. (MRC+ Units)												
Fan speed maximum	dBA	43	43	42	43	43	46	47	47	49	51	53
	NR	36	36	37	39	36	40	40	40	42	44	46
Condenser fan (1Ph 230V 50Hz)												
Airflow (max speed)	m³/s	0.813	0.723	0.783	0.783	0.783	1.14	1.14	1.74	1.74	1.74	2.407
Fan motor rating	kW	0.13	0.13	0.13	0.13	0.13	0.13	0.13	2x0.13	2x0.13	2x0.13	2x0.13
Nominal current FLA	A	0.6	0.6	0.6	0.6	0.6	0.6	0.6	2x0.6	2x0.6	2x0.6	2x0.6
Fans: No. x diameter	mm	1x457	1x457	1x457	1x457	1x457	1x457	1x457	2x457	2x457	2x457	2x457
Fans max speed	r.p.m	940	940	940	940	940	940	940	940	940	940	940

MRC+ LT Low Temperature for freezer applications

MRC+ LT		50	60	80	90
Nominal cooling capacity (-25°C evaporating temp & 32°C ambient temp)	kW 1Ph	1.9	2.7	-	-
	kW 3Ph	1.9	2.7	4.1	4.9
1 Ph (230V 50Hz) compressor load only					
Power (nominal)	kW	1.6	2.1	-	-
Starting current LRA	A	68	81	-	-
Nominal current FLA	A	19.2	24	-	-
3 Ph (400V 50Hz) compressor load only					
Power (nominal)	kW	1.5	1.9	2.8	3.4
Starting current LRA	A	24	30	45	63
Nominal current FLA	A	3.9	5.1	10	14

Sound pressure levels correspond to the equivalent model numbers in the MRC+ table above

Dimensions and Weights

Unpacked Units

MODEL	30	40	50	60	80	90	100	130	150	165	180
HEIGHT mm	620	620	720	720	720	820	820	1080	1080	1080	1275
WIDTH mm	900	900	1000	1000	1000	1000	1000	1000	1000	1000	1100
DEPTH mm	300	300	350	350	350	350	350	425	425	425	425
1 Ph kg	48	53	64	65	66	76	-	-	-	-	-
3 Ph kg	48	53	62	63	64	73	81	101	103	103	118

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For full design or technical information on all systems, please refer to the relevant technical manual or contact TEV technical department.
 We reserve the right to alter designs and specifications at any time without notification.

Part No:06617641-02



MRC (+)