



Minimum Evaporating Temp. With:

- █ 25 °C Suction Gas Return + fan
- █ Maximum Evaporating Temperature

Suction Superheat 10.0K

Evaporating Temperature, °C

Liquid Subcooling 0.0K

Cond °C	Cooling Capacity, kW								
	20.0-	15.0-	10.0-	5.0-	0.0	5.0	7.0	10.0	12.5
30.0	5.61	7.34	9.42	11.90	14.80	18.20	19.70	22.10	24.30
35.0	5.11	6.77	8.74	11.10	13.85	17.10	18.55	20.90	22.90
40.0	4.62	6.19	8.07	10.30	12.90	16.00	17.35	19.60	21.60
45.0	4.13	5.63	7.40	9.50	12.00	14.90	16.20	18.30	20.20
50.0	3.66	5.07	6.74	8.72	11.05	13.80	15.05	17.05	18.85
55.0	3.22	4.55	6.11	7.96	10.15	12.75	13.90	15.75	17.45
60.0	2.81	4.05	5.50	7.22	9.26	11.70	12.75	14.55	
62.0	2.65	3.86	5.26	6.93	8.91	11.25	12.30		

Cond °C	Power, kW								
	20.0-	15.0-	10.0-	5.0-	0.0	5.0	7.0	10.0	12.5
30.0	2.59	2.86	3.10	3.32	3.50	3.63	3.66	3.69	3.70
35.0	2.65	2.96	3.25	3.52	3.76	3.96	4.02	4.10	4.14
40.0	2.70	3.05	3.39	3.71	4.00	4.26	4.35	4.47	4.56
45.0	2.74	3.12	3.50	3.87	4.22	4.55	4.66	4.83	4.95
50.0	2.77	3.18	3.60	4.02	4.43	4.81	4.96	5.16	5.32
55.0	2.79	3.23	3.69	4.15	4.61	5.06	5.23	5.47	5.67
60.0	2.80	3.27	3.77	4.27	4.78	5.28	5.48	5.77	
62.0	2.80	3.28	3.79	4.32	4.85	5.37	5.58		

Cond °C	Current at 400 V, A								
	20.0-	15.0-	10.0-	5.0-	0.0	5.0	7.0	10.0	12.5
30.0	6.46	6.73	7.00	7.24	7.45	7.60	7.64	7.67	7.67
35.0	6.52	6.84	7.16	7.47	7.76	8.00	8.07	8.17	8.23
40.0	6.57	6.93	7.31	7.69	8.05	8.38	8.49	8.65	8.76
45.0	6.62	7.01	7.44	7.89	8.32	8.74	8.90	9.11	9.28
50.0	6.64	7.08	7.56	8.07	8.58	9.09	9.28	9.56	9.78
55.0	6.66	7.14	7.67	8.24	8.83	9.41	9.65	9.99	10.26
60.0	6.67	7.18	7.76	8.39	9.05	9.73	10.00	10.40	
62.0	6.66	7.19	7.80	8.45	9.14	9.85	10.13		

Cond °C	Mass Flow, g/s								
	20.0-	15.0-	10.0-	5.0-	0.0	5.0	7.0	10.0	12.5
30.0	36.90	47.20	59.30	73.40	89.50	108.00	116.00	129.00	140.50
35.0	35.30	45.70	57.70	71.70	87.80	106.00	114.00	127.00	138.50
40.0	33.60	44.00	56.00	69.90	85.90	104.00	112.00	125.00	136.50
45.0	31.80	42.30	54.30	68.10	83.90	102.00	110.00	122.50	134.00
50.0	30.00	40.50	52.40	66.10	81.90	99.90	108.00	120.50	131.50
55.0	28.20	38.70	50.60	64.20	79.80	97.70	105.50	118.00	129.50
60.0	26.50	37.00	48.80	62.20	77.70	95.50	103.50	116.00	
62.0	25.80	36.30	48.10	61.50	76.90	94.60	102.50		

COMPRESSOR MECHANICAL AND PHYSICAL DATA

Number of cylinders	2
Displacement @ 50 Hz, m ³ /h	26.6
Bore/Stroke, mm	61.9/50.8
Length/Width, mm	515/330
Height, mm	385
Net Weight, kg	95
Gross Weight, kg	101
Suction, inch	1 1/8
Discharge, inch	7/8
Oil Quantity, l	1.6
Frequency Range, Hz	25 - 60
Oil type (original charge)	POE RL32-3MAF
Oil type (approved oils)	POE RL32-3MAF, POE MOBIL EAL Arctic 22 CC
Base mounting (hole dia), mm	295 x 279 (14.0)
High Side PS, bar(g)	32.5
Low Side PS, bar(g)	22.5
Refrigerant's GWP	1430
Refrigerant's classification	A1

COMPRESSOR ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Maximum Operating Current, A	12.4
Locked Rotor Current, A	85.3
Default Enclosure Class	IP 54 (IEC 34)

ACCESSORIES INCLUDED

Oil Pressure Switch	OPS2 Sensor
Mounting Springs	4

ACCESSORIES OPTIONAL

Additional Cooling	70 W Vertical Air Flow Fan
Crankcase Heater	70 W Internal
Oil Pressure Switch	OPS2 Electronic Switch
Unloaded start	Available
Adapter Kit	For Parallel Operation
Check Valve	For unloaded start operation

MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
EWL	380-420 V / 3~ / 50 Hz	400		Y	1.00
EWL	220-240 V / 3~ / 50 Hz	230	Y/DELTA	DELTA	1.73
EWM	380-420 V / 3~ / 50 Hz	400	Y/DELTA	DELTA	1.00
EWK	220-240 V / 3~ / 60 Hz	230	Y/DELTA	DELTA	2.10
EWK	380-420 V / 3~ / 60 Hz	380		Y	1.20
EWD	440-480 V / 3~ / 60 Hz	460	Y/DELTA	DELTA	1.00