



Minimum Evaporating Temp. With:

- █ 20 °C Suction Gas Return
- █ Maximum Evaporating Temperature
- █ Maximum Pressure Limit

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	6.85	8.24	9.79	11.50	13.40	15.45	16.30
32.0	6.36	7.64	9.08	10.65	12.40	14.30	15.05
38.0	5.73	6.88	8.17	9.59	11.15	12.85	13.55
43.0	5.16	6.21	7.37	8.65	10.05	11.60	12.25
46.0	4.81	5.79	6.87	8.07	9.39	10.85	11.45
49.0	4.45	5.36	6.36	7.48			

Ambient °C	Total Power Input, kW						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	3.55	3.64	3.74	3.84	3.95	4.07	4.12
32.0	3.96	4.05	4.15	4.26	4.37	4.48	4.53
38.0	4.52	4.61	4.71	4.82	4.93	5.04	5.09
43.0	5.05	5.14	5.24	5.35	5.45	5.56	5.61
46.0	5.39	5.49	5.59	5.69	5.80	5.90	5.95
49.0	5.77	5.87	5.97	6.06			

Ambient °C	Current at 400 V, A						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	5.87	5.97	6.07	6.18	6.30	6.42	6.47
32.0	6.28	6.39	6.50	6.61	6.73	6.86	6.92
38.0	6.87	6.99	7.10	7.22	7.35	7.48	7.53
43.0	7.46	7.58	7.70	7.82	7.95	8.08	8.13
46.0	7.86	7.98	8.11	8.23	8.35	8.48	8.53
49.0	8.30	8.42	8.55	8.67			

Ambient °C	Mass Flow, g/s						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	49.70	61.00	74.40	90.00	108.50	130.00	139.50
32.0	49.00	60.20	73.30	88.70	107.00	128.50	138.00
38.0	47.80	58.80	71.70	86.90	105.00	126.50	136.00
43.0	46.50	57.40	70.10	85.10	103.00	124.50	134.50
46.0	45.70	56.40	69.00	83.90	102.00	123.50	133.50
49.0	44.70	55.30	67.80	82.70			

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZXM_2F/60 W
Number of Fans	2
Total Fan Power Input, W	246
Depth/Width, mm	1035/447
Height, mm	1244
Base mounting (hole dia), mm	580 x 388 (12)
Net Weight, kg	108
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m ³ /s	1.64
High Side PS gauge, bar	28.8
Low Side PS gauge, bar	21
Suction Type	Cu Tube
Suction Diameter, inch	7/8
Sound Pressure @ 10m (MT), dBA	41
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz

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

Compressor Maximum Operating Current, A	12.8
Compressor Locked Rotor Current, A	65.5

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
Control circuit fuse	12 A 10x38
HP Switch	PS4-W1 21X28
Electronic controller	Emerson XCM25D
Filter Drier	ALCO ADK Plus

ACCESSORIES OPTIONAL

LP Adjustable Pressure Switch	Alco PS1-W3A
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MOTOR OPTIONS

Motor Code	Power Supply	Nominal Voltage, V	Start Connection	DOL Connection	Amps Factor
TFD	380-420 V / 3~ / 50 Hz	400		Y	1.00