



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	7.89	9.46	11.20	13.10	15.20	17.45	18.40
32.0	7.31	8.75	10.35	12.10	14.05	16.10	16.95
38.0	6.56	7.86	9.29	10.85	12.60	14.45	15.20
43.0	5.89	7.06	8.36	9.77	11.30	13.00	13.70
46.0	5.47	6.57	7.77	9.09	10.55		
49.0	5.04	6.06	7.17				

Ambient °C	Total Power Input, kW						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	4.10	4.22	4.35	4.49	4.63	4.79	4.85
32.0	4.57	4.69	4.82	4.97	5.11	5.27	5.34
38.0	5.21	5.34	5.48	5.62	5.76	5.92	5.98
43.0	5.83	5.96	6.09	6.23	6.37	6.52	6.58
46.0	6.23	6.36	6.49	6.63	6.77		
49.0	6.67	6.80	6.92				

Ambient °C	Current at 400 V, A						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	8.79	8.96	9.13	9.32	9.53	9.75	9.84
32.0	9.41	9.59	9.78	9.99	10.20	10.43	10.52
38.0	10.31	10.51	10.71	10.92	11.14	11.38	11.47
43.0	11.20	11.41	11.62	11.84	12.06	12.29	12.38
46.0	11.81	12.02	12.23	12.45	12.67		
49.0	12.47	12.69	12.90				

Ambient °C	Mass Flow, g/s						
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0
27.0	58.00	71.20	86.70	105.00	126.00	151.50	162.50
32.0	57.10	70.10	85.40	103.50	124.50	149.50	161.00
38.0	55.70	68.50	83.40	101.00	122.00	147.00	158.50
43.0	54.10	66.70	81.50	98.90	120.00	145.00	156.50
46.0	53.10	65.50	80.20	97.50	118.50		
49.0	51.90	64.20	78.80				

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	112
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	13.1
Compressor Locked Rotor Current, A	74

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
-------------------------------	--------------

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