



Minimum Evaporating Temp. With:

- 10 K Suction Superheat — 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	10.0	12.5	15.0
27.0	4.44	5.52	6.86	8.44	10.25	12.25	13.10	14.45	15.65	
32.0	4.18	5.22	6.50	8.01	9.73	11.65	12.45	13.75	14.85	
38.0		4.84	6.04	7.46	9.08	10.90	11.65	12.85	13.90	
43.0			5.65	6.99	8.52	10.20	10.95	12.05	13.05	
46.0			5.41	6.70	8.17	9.81	10.50	11.60	12.55	
49.0				6.40	7.82	9.39	10.05	11.10	12.00	

50 Hz

ZXME-060E-TFD

R134a

Ambient °C	Total Power Input, kW									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	2.27	2.33	2.40	2.49	2.58	2.68	2.72	2.79	2.85	
32.0	2.51	2.57	2.65	2.74	2.84	2.94	2.99	3.06	3.13	
38.0		2.90	2.98	3.07	3.18	3.30	3.34	3.42	3.49	
43.0			3.29	3.39	3.50	3.62	3.68	3.76	3.83	
46.0			3.50	3.60	3.71	3.84	3.89	3.97	4.05	
49.0				3.82	3.94	4.07	4.12	4.21	4.28	

Ambient °C	Current at 400 V, A									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	4.63	4.71	4.81	4.91	5.02	5.13	5.18	5.24	5.30	
32.0	4.88	4.95	5.05	5.17	5.29	5.42	5.47	5.55	5.62	
38.0		5.31	5.40	5.52	5.66	5.81	5.87	5.97	6.05	
43.0			5.76	5.88	6.03	6.19	6.26	6.36	6.45	
46.0			6.01	6.13	6.28	6.44	6.51	6.63	6.72	
49.0				6.40	6.55	6.72	6.80	6.91	7.01	

Ambient °C	Mass Flow, g/s									
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	25.60	32.20	40.60	50.80	62.90	77.00	83.20	93.30	102.50	
32.0	25.20	31.80	40.20	50.40	62.50	76.60	82.90	92.90	102.00	
38.0		31.20	39.50	49.70	61.80	75.90	82.20	92.20	101.50	
43.0			38.90	49.00	61.10	75.20	81.40	91.50	100.50	
46.0			38.50	48.60	60.60	74.60	80.90	90.90	99.90	
49.0				48.00	60.00	74.00	80.30	90.30	99.30	

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