



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	4.70	5.87	7.27	8.89	10.70	12.75	13.65	15.00	16.20	
32.0	4.37	5.48	6.81	8.34	10.10	12.00	12.85	14.10	15.25	
38.0		5.01	6.25	7.67	9.28	11.05	11.80	13.00	14.05	
43.0			5.77	7.09	8.59	10.25	10.95	12.05	13.05	
46.0			5.47	6.74	8.17	9.75	10.45	11.50	12.40	
49.0				6.38	7.74	9.25	9.89	10.90	11.80	

Additional restrictions, please see application guidelines

50 Hz

ZXME-060E-TFD

R513A

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	2.49	2.53	2.56	2.61	2.68	2.77	2.81	2.88	2.95	
32.0	2.75	2.79	2.83	2.88	2.95	3.03	3.07	3.14	3.20	
38.0		3.13	3.19	3.24	3.31	3.39	3.42	3.49	3.54	
43.0			3.51	3.57	3.63	3.71	3.75	3.81	3.86	
46.0			3.71	3.78	3.85	3.92	3.96	4.02	4.07	
49.0				4.00	4.07	4.15	4.18	4.24	4.29	

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	6.42	6.45	6.50	6.56	6.66	6.78	6.84	6.94	7.03	
32.0	6.78	6.82	6.86	6.93	7.01	7.13	7.18	7.27	7.36	
38.0		7.27	7.33	7.39	7.48	7.59	7.64	7.72	7.80	
43.0			7.75	7.82	7.91	8.02	8.07	8.16	8.23	
46.0			8.02	8.11	8.20	8.31	8.36	8.45	8.52	
49.0				8.41	8.51	8.62	8.68	8.76	8.84	

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	31.00	39.20	49.30	61.50	75.90	92.90	100.50	112.50	123.50	
32.0	30.20	38.50	48.60	60.70	75.10	91.90	99.40	111.50	122.50	
38.0		37.50	47.50	59.50	73.80	90.50	98.00	110.00	121.00	
43.0			46.50	58.40	72.50	89.10	96.50	108.50	119.50	
46.0			45.80	57.70	71.70	88.20	95.60	107.50	118.50	
49.0				56.90	70.80	87.20	94.50	106.50	117.50	

Additional restrictions, please see application guidelines

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

Additional restrictions, please see application guidelines

50 Hz

ZXME-060E-TFD

R513A

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

Additional restrictions, please see application guidelines