



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	5.24	6.58	8.15	9.96	12.05	14.35	15.35	16.90	18.30	
32.0	4.89	6.14	7.62	9.33	11.25	13.45	14.40	15.90	17.20	
38.0		5.63	6.98	8.54	10.30	12.35	13.20	14.60	15.80	
43.0			6.45	7.88	9.52	11.40	12.20	13.45	14.60	
46.0			6.15	7.48	9.03	10.80	11.55	12.75	13.85	
49.0				7.10	8.55	10.20	10.95	12.10	13.10	

Additional restrictions, please see application guidelines

50 Hz ZXME-075E-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	2.78	2.82	2.87	2.93	3.01	3.11	3.16	3.24	3.32	
32.0	3.08	3.13	3.18	3.24	3.32	3.41	3.46	3.54	3.61	
38.0		3.55	3.60	3.67	3.74	3.83	3.88	3.95	4.01	
43.0			4.01	4.08	4.15	4.24	4.28	4.34	4.40	
46.0			4.28	4.35	4.42	4.50	4.54	4.61	4.67	
49.0				4.64	4.71	4.79	4.83	4.89	4.95	

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	6.92	6.96	7.01	7.09	7.20	7.33	7.39	7.49	7.57	
32.0	7.29	7.33	7.38	7.45	7.55	7.66	7.72	7.81	7.89	
38.0		7.81	7.86	7.93	8.02	8.12	8.18	8.26	8.33	
43.0			8.32	8.39	8.48	8.58	8.63	8.71	8.78	
46.0			8.63	8.70	8.79	8.89	8.94	9.02	9.10	
49.0				9.05	9.14	9.24	9.29	9.37	9.44	

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	34.50	43.90	55.20	68.80	84.90	104.00	112.50	126.50	139.00	
32.0	33.80	43.00	54.20	67.70	83.70	102.50	111.00	125.00	137.50	
38.0		42.00	52.90	66.10	81.80	100.50	109.00	122.50	135.50	
43.0			51.90	64.70	80.00	98.40	107.00	120.50	133.00	
46.0			51.40	63.80	78.90	97.10	105.50	119.00	131.50	
49.0				63.10	77.80	95.70	104.00	117.50	130.00	

Additional restrictions, please see application guidelines

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZX075E/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	118
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	14
Compressor Locked Rotor Current, A	101

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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50 Hz

ZXME-075E-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

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