



Minimum Evaporating Temp. With:

- 10 K Suction Superheat     — 20 °C Suction Gas Return
- Maximum Evaporating Temperature     — Maximum Pressure Limit

Suction Return Temperature 20.0°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	6.34	8.23	10.20	12.35	14.70	17.35	20.30	21.60	23.60
32.0		7.61	9.52	11.60	13.85	16.35	19.15	20.30	22.30
38.0			8.68	10.60	12.75	15.10	17.70	18.80	20.60
43.0				9.84	11.85	14.05	16.50	17.55	
46.0				9.38	11.30	13.40			
49.0									

50 Hz

ZXME-075E-TFD

R449A Dew Point

Ambient °C	Total Power Input, kW								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	4.07	4.22	4.37	4.53	4.72	4.95	5.23	5.36	5.57
32.0		4.74	4.90	5.07	5.27	5.50	5.79	5.92	6.14
38.0			5.62	5.80	6.00	6.25	6.54	6.68	6.91
43.0				6.48	6.69	6.94	7.24	7.38	
46.0				6.91	7.13	7.38			
49.0									

Ambient °C	Current at 400 V, A								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	9.22	9.50	9.68	9.85	10.05	10.36	10.85	11.11	11.57
32.0		10.16	10.36	10.52	10.72	11.02	11.49	11.74	12.19
38.0			11.33	11.48	11.65	11.92	12.36	12.59	13.01
43.0				12.40	12.53	12.76	13.15	13.36	
46.0				13.00	13.11	13.31			
49.0									

Ambient °C	Mass Flow, g/s								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	35.10	46.40	58.60	72.50	88.50	107.50	130.50	140.50	158.00
32.0		44.90	57.30	71.30	87.40	106.50	129.50	140.00	157.50
38.0			55.70	69.70	85.90	105.00	128.00	139.00	156.50
43.0				68.60	84.90	104.50	127.50	138.50	
46.0				68.00	84.50	104.00			
49.0									

### **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 <sup>3</sup> /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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### **MOTOR OPTIONS**

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