



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								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	6.33	8.21	10.20	12.35	14.70	17.35	20.30	21.60	23.60
32.0		7.59	9.50	11.55	13.80	16.30	19.10	20.30	22.20
38.0			8.66	10.60	12.70	15.05	17.65	18.75	20.60
43.0				9.81	11.80	14.00	16.45	17.50	
46.0				9.35	11.25	13.35			
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	5.22	5.35	5.57
32.0		4.74	4.90	5.07	5.26	5.50	5.79	5.92	6.14
38.0			5.62	5.80	6.00	6.24	6.54	6.67	6.90
43.0				6.47	6.68	6.93	7.23	7.37	
46.0				6.91	7.12	7.37			
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	9.84	10.05	10.36	10.85	11.10	11.57
32.0		10.16	10.35	10.51	10.71	11.02	11.49	11.73	12.18
38.0			11.33	11.47	11.65	11.92	12.35	12.58	13.00
43.0				12.39	12.53	12.76	13.14	13.35	
46.0				12.99	13.10	13.30			
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	35.30	46.70	59.00	73.00	89.20	108.50	131.50	142.00	159.50
32.0		45.20	57.70	71.80	88.00	107.00	130.50	141.00	158.50
38.0			56.00	70.20	86.60	106.00	129.50	140.00	158.00
43.0				69.10	85.50	105.00	129.00	139.50	
46.0				68.50	85.10	105.00			
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 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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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