



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	5.01	6.31	7.84	9.60	11.60	13.80	14.75	16.25	17.55	
32.0	4.75	5.99	7.44	9.11	11.00	13.10	14.00	15.45	16.70	
38.0		5.60	6.95	8.51	10.30	12.25	13.10	14.45	15.65	
43.0			6.53	7.99	9.66	11.55	12.35	13.60	14.70	
46.0			6.28	7.68	9.28	11.10	11.85	13.10	14.15	
49.0				7.36	8.90	10.60	11.35	12.55	13.55	

50 Hz

ZXME-075E-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	2.78	2.81	2.89	3.01	3.14	3.27	3.31	3.37	3.41	
32.0	3.06	3.10	3.19	3.31	3.44	3.57	3.61	3.67	3.71	
38.0		3.48	3.58	3.71	3.85	3.98	4.02	4.08	4.11	
43.0			3.93	4.07	4.21	4.35	4.40	4.46	4.49	
46.0			4.15	4.30	4.45	4.59	4.64	4.70	4.74	
49.0				4.54	4.69	4.84	4.89	4.95	4.99	

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	7.70	7.75	7.83	7.94	8.05	8.14	8.17	8.19	8.19	
32.0	7.93	7.97	8.06	8.18	8.30	8.40	8.43	8.47	8.48	
38.0		8.29	8.39	8.52	8.65	8.78	8.82	8.87	8.89	
43.0			8.71	8.85	9.01	9.15	9.20	9.27	9.31	
46.0			8.92	9.08	9.25	9.41	9.46	9.54	9.59	
49.0				9.33	9.51	9.69	9.75	9.83	9.89	

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	28.90	36.80	46.40	57.70	71.00	86.50	93.40	104.50	114.50	
32.0	28.60	36.50	46.00	57.30	70.60	86.10	93.00	104.00	114.50	
38.0		36.10	45.50	56.70	69.90	85.40	92.30	103.50	113.50	
43.0			45.00	56.10	69.20	84.70	91.60	103.00	113.00	
46.0			44.70	55.70	68.80	84.20	91.10	102.50	112.50	
49.0				55.30	68.30	83.70	90.60	102.00	112.00	

### **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