



Minimum Evaporating Temp. With:	
— 20 °C Suction Gas Return ASERCOM certified	— 10 K Suction Superheat
— 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			3.41	4.19	5.08	6.09	6.53	7.22	7.82	
32.0			3.23	3.98	4.83	5.79	6.21	6.86	7.44	
38.0				3.72	4.52	5.42	5.81	6.42	6.96	
43.0					4.25	5.10	5.46	6.04	6.55	
46.0					4.08	4.90	5.25	5.81	6.29	
49.0						4.70	5.04	5.57	6.04	

50 Hz

ZXME-030E-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			1.27	1.30	1.34	1.40	1.42	1.46	1.49	
32.0			1.39	1.44	1.48	1.54	1.56	1.60	1.63	
38.0				1.61	1.66	1.72	1.74	1.78	1.82	
43.0					1.82	1.88	1.92	1.96	1.99	
46.0					1.94	2.00	2.03	2.07	2.10	
49.0						2.12	2.15	2.19	2.23	

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			2.99	3.02	3.07	3.12	3.15	3.19	3.23	
32.0			3.12	3.17	3.22	3.28	3.31	3.35	3.39	
38.0				3.37	3.43	3.50	3.53	3.58	3.63	
43.0					3.64	3.72	3.75	3.81	3.85	
46.0					3.78	3.87	3.90	3.96	4.01	
49.0						4.03	4.06	4.12	4.17	

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			20.10	25.10	31.00	38.00	41.10	46.20	50.80	
32.0			19.95	24.90	30.90	37.80	41.00	46.00	50.60	
38.0				24.70	30.60	37.50	40.70	45.70	50.30	
43.0					30.30	37.20	40.30	45.40	50.00	
46.0					30.10	37.00	40.10	45.20	49.80	
49.0						36.80	39.90	44.90	49.50	

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	ZX030E/60 W
Number of Fans	1
Total Fan Power Input, W	116
Depth/Width, mm	1035/446
Height, mm	840
Base mounting (hole dia), mm	580 x 388 (12)
Net Weight, kg	79
Receiver Capacity, l	4.1
Liquid Line, inch	1/2
Air Flow, m ³ /s	0.81
High Side PS gauge, bar	28.8
Low Side PS gauge, bar	21
Suction Type	Cu Tube
Suction Diameter, inch	3/4
Sound Pressure @ 10m (MT), dBA	38
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	7.2
Compressor Locked Rotor Current, A	40

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