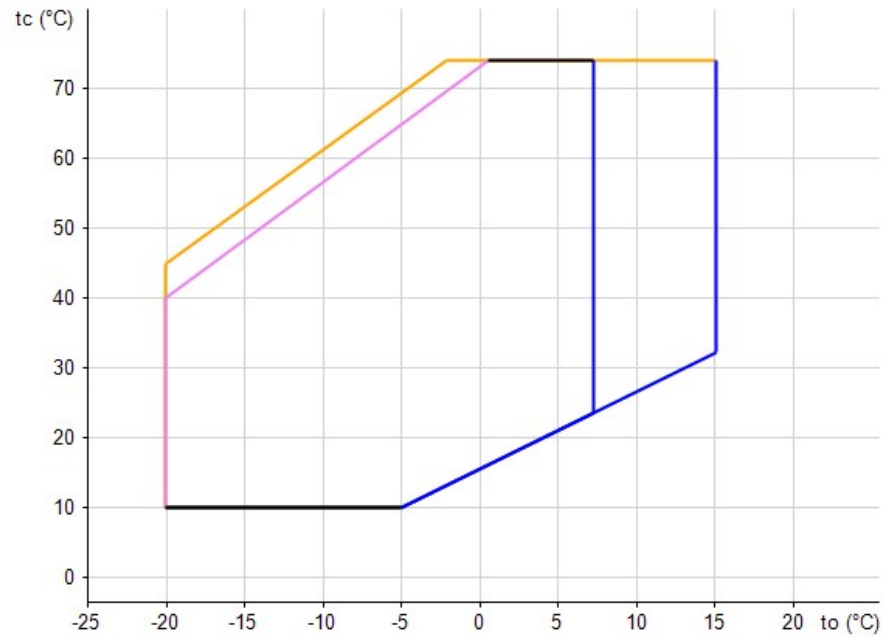




Minimum Evaporating Temp. With:

- 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	1.78	2.24	2.77	3.38	4.08	4.87	5.22	5.77	6.26	
32.0	1.70	2.14	2.64	3.22	3.88	4.64	4.97	5.50	5.96	
38.0		2.02	2.49	3.03	3.65	4.36	4.67	5.16	5.60	
43.0		1.92	2.36	2.86	3.45	4.12	4.41	4.88	5.30	
46.0			2.27	2.76	3.32	3.96	4.25	4.70	5.10	
49.0			2.18	2.64	3.19	3.81	4.08	4.51	4.90	

50 Hz

ZXME-025E-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	0.94	0.99	1.04	1.08	1.12	1.16	1.17	1.18	1.20	
32.0	1.02	1.07	1.12	1.18	1.23	1.28	1.29	1.32	1.34	
38.0		1.18	1.24	1.30	1.36	1.42	1.44	1.48	1.51	
43.0		1.28	1.34	1.41	1.48	1.55	1.58	1.62	1.65	
46.0			1.41	1.48	1.56	1.62	1.66	1.70	1.74	
49.0			1.48	1.55	1.62	1.70	1.74	1.78	1.82	

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	2.40	2.44	2.48	2.53	2.57	2.61	2.62	2.64	2.65	
32.0	2.46	2.51	2.56	2.62	2.67	2.72	2.74	2.77	2.78	
38.0		2.61	2.68	2.75	2.82	2.88	2.91	2.94	2.97	
43.0		2.70	2.78	2.87	2.95	3.03	3.06	3.11	3.14	
46.0			2.85	2.95	3.04	3.13	3.16	3.21	3.25	
49.0			2.93	3.03	3.13	3.23	3.27	3.33	3.37	

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	10.20	12.95	16.15	20.00	24.50	29.80	32.20	36.10	39.60	
32.0	10.15	12.90	16.10	19.90	24.40	29.70	32.10	36.00	39.60	
38.0		12.90	16.05	19.80	24.30	29.60	32.00	35.90	39.50	
43.0		12.80	15.95	19.70	24.20	29.40	31.80	35.80	39.40	
46.0			15.90	19.60	24.00	29.30	31.70	35.60	39.20	
49.0			15.75	19.45	23.80	29.10	31.50	35.40	39.10	

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	37
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	4.8
Compressor Locked Rotor Current, A	38

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