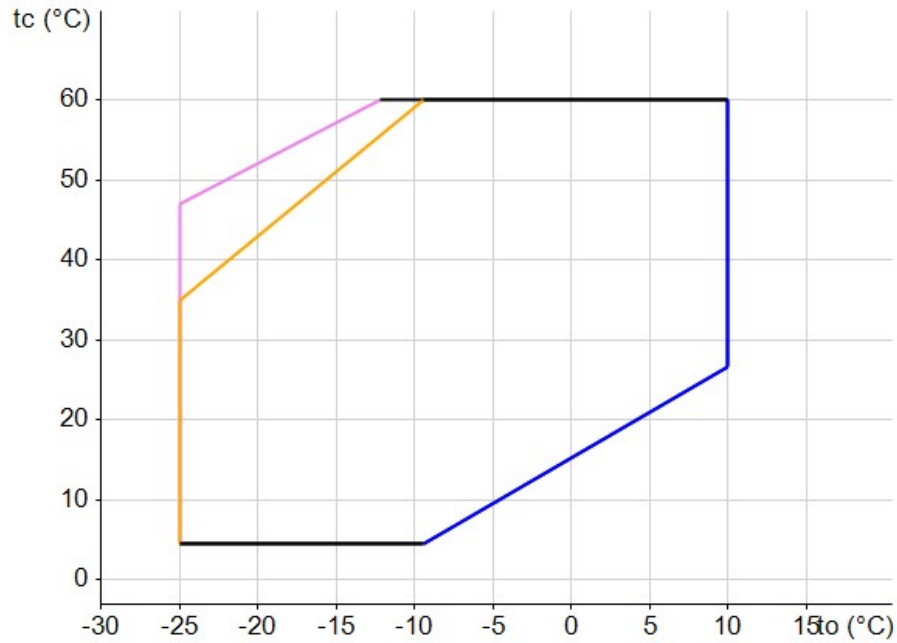




Minimum Evaporating Temp. With:

- 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	1.94	2.43	2.99	3.62	4.34	5.15	6.03	6.41	7.00
32.0		2.30	2.82	3.42	4.10	4.85	5.68	6.03	6.59
38.0			2.62	3.17	3.79	4.49	5.25	5.57	6.08
43.0			2.45	2.96	3.53	4.18	4.88	5.18	5.65
46.0				2.83	3.38	3.99	4.66		
49.0				2.70	3.22				

50 Hz

ZXMY-020E-TFD

R448A 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	1.18	1.26	1.34	1.42	1.52	1.63	1.74	1.80	1.88
32.0		1.36	1.45	1.54	1.65	1.76	1.88	1.94	2.02
38.0			1.60	1.70	1.81	1.93	2.06	2.11	2.20
43.0			1.72	1.84	1.95	2.08	2.21	2.27	2.36
46.0				1.92	2.04	2.17	2.31		
49.0				2.01	2.14				

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	2.43	2.50	2.58	2.68	2.78	2.90	3.04	3.10	3.19
32.0		2.61	2.70	2.81	2.92	3.06	3.21	3.27	3.37
38.0			2.86	2.98	3.11	3.26	3.43	3.50	3.61
43.0			3.01	3.14	3.29	3.45	3.63	3.71	3.83
46.0				3.25	3.41	3.58	3.76		
49.0				3.36	3.53				

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	10.55	13.40	16.75	20.70	25.40	31.00	37.50	40.40	45.20
32.0		13.25	16.55	20.50	25.20	30.60	37.10	40.00	44.80
38.0			16.30	20.20	24.80	30.20	36.70	39.60	44.30
43.0			16.10	19.95	24.50	29.90	36.30	39.10	43.90
46.0				19.80	24.30	29.70	36.00		
49.0				19.65	24.10				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0545-00_2/A6E450-AF13-16
Number of Fans	1
Total Fan Power Input, W	121
Depth/Width, mm	1035/446
Height, mm	840
Base mounting (hole dia), mm	580 x 388 (15)
Net Weight, kg	76
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1
High Side PS gauge, bar	31
Low Side PS gauge, bar	22
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	4.2
Compressor Locked Rotor Current, A	26

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	12 A
HP Switch	PS4-W1 22X31
Electronic controller	Emerson XCM25D
Filter Drier	ALCO ADK Plus

ACCESSORIES OPTIONAL

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