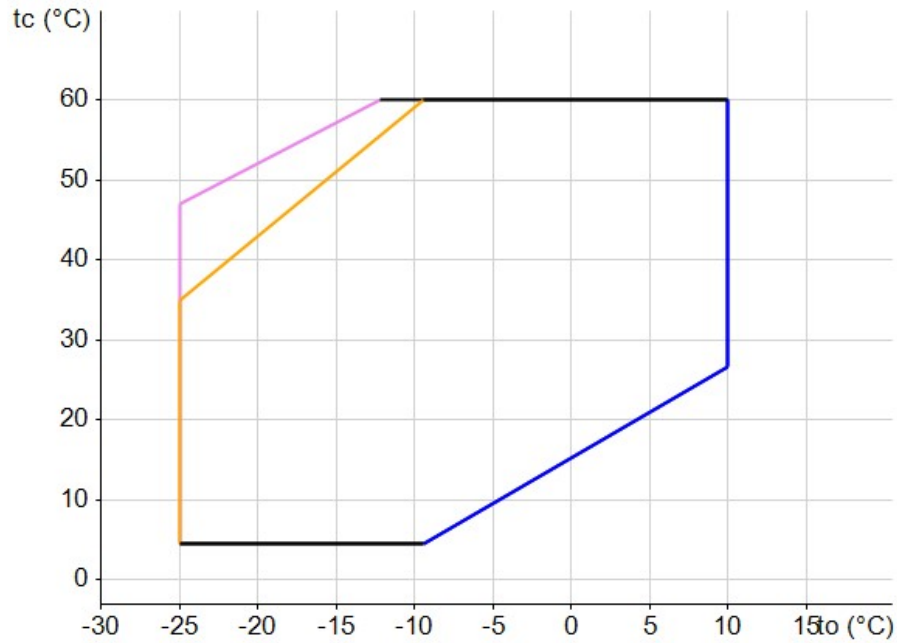




Minimum Evaporating Temp. With:

- 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	2.68	3.32	4.06	4.91	5.87	6.93	8.09	8.58	9.34
32.0		3.15	3.84	4.64	5.53	6.52	7.59	8.05	8.75
38.0			3.57	4.30	5.11	6.01	6.99	7.40	8.04
43.0				4.00	4.75	5.57			
46.0				3.82	4.53				
49.0									

50 Hz

ZXMY-030E-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	1.62	1.72	1.82	1.94	2.08	2.24	2.42	2.50	2.64
32.0		1.87	1.98	2.11	2.25	2.43	2.62	2.71	2.85
38.0			2.20	2.34	2.50	2.68	2.89	2.99	3.14
43.0				2.56	2.73	2.92			
46.0				2.70	2.88				
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	2.83	2.94	3.07	3.22	3.40	3.61	3.86	3.97	4.15
32.0		3.13	3.27	3.44	3.63	3.86	4.13	4.25	4.45
38.0			3.56	3.75	3.96	4.21	4.51	4.64	4.85
43.0				4.04	4.28	4.55			
46.0				4.24	4.49				
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	14.75	18.60	23.20	28.80	35.40	43.20	52.40	56.60	63.40
32.0		18.50	23.10	28.50	35.00	42.70	51.90	56.00	62.80
38.0			22.80	28.20	34.60	42.10	51.20	55.30	62.00
43.0				27.90	34.10	41.60			
46.0				27.70	33.90				
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_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	79
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.05
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	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	5.5
Compressor Locked Rotor Current, A	32

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