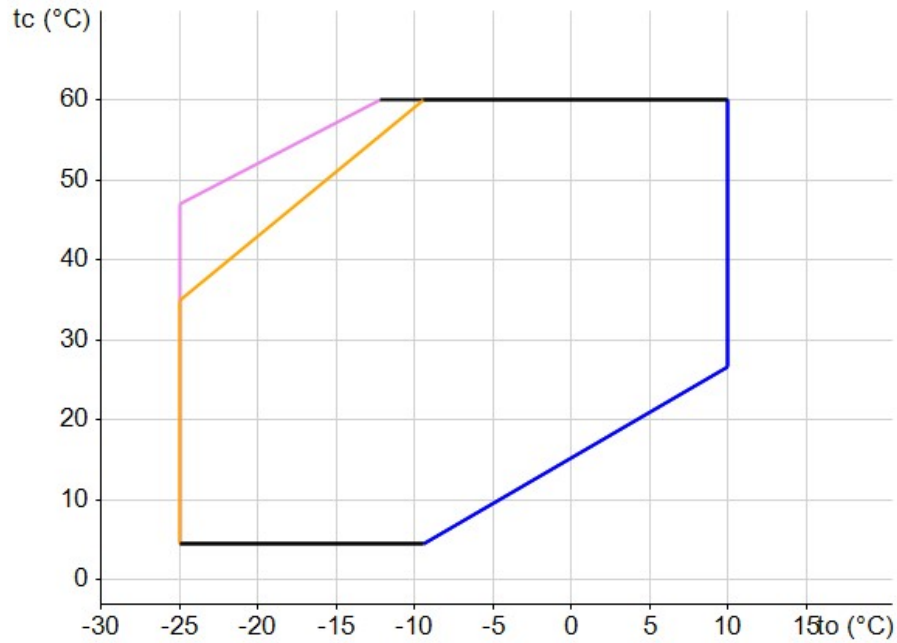




Minimum Evaporating Temp. With:

- 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	4.82	6.00	7.36	8.90	10.65	12.55	14.65	15.55	16.90
32.0		5.67	6.95	8.40	10.05	11.85	13.80	14.65	15.95
38.0			6.45	7.79	9.29	10.95	12.75	13.50	14.70
43.0				7.26	8.65	10.20	11.85		
46.0				6.94	8.26				
49.0									

50 Hz

ZXMY-050E-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	2.74	2.94	3.15	3.38	3.63	3.90	4.20	4.33	4.53
32.0		3.19	3.42	3.66	3.93	4.22	4.54	4.68	4.89
38.0			3.77	4.04	4.33	4.65	4.99	5.13	5.36
43.0				4.39	4.70	5.04	5.40		
46.0				4.62	4.94				
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	6.08	6.25	6.44	6.66	6.91	7.19	7.52	7.67	7.91
32.0		6.48	6.70	6.94	7.23	7.55	7.92	8.08	8.34
38.0			7.06	7.35	7.67	8.04	8.46	8.64	8.94
43.0				7.74	8.11	8.52	8.98		
46.0				8.01	8.40				
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	26.40	33.40	41.80	51.80	63.50	77.40	93.80	101.00	113.00
32.0		33.10	41.40	51.30	62.90	76.70	93.10	100.50	112.50
38.0			40.90	50.60	62.20	75.90	92.10	99.50	111.50
43.0				50.10	61.50	75.10	91.40		
46.0				49.70	61.10				
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_a/A6E450-AF13-16
Number of Fans	2
Total Fan Power Input, W	242
Depth/Width, mm	1035/447
Height, mm	1244
Base mounting (hole dia), mm	580 x 388 (15)
Net Weight, kg	108
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.98
High Side PS gauge, bar	31
Low Side PS gauge, bar	22
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	10.1
Compressor Locked Rotor Current, A	64

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