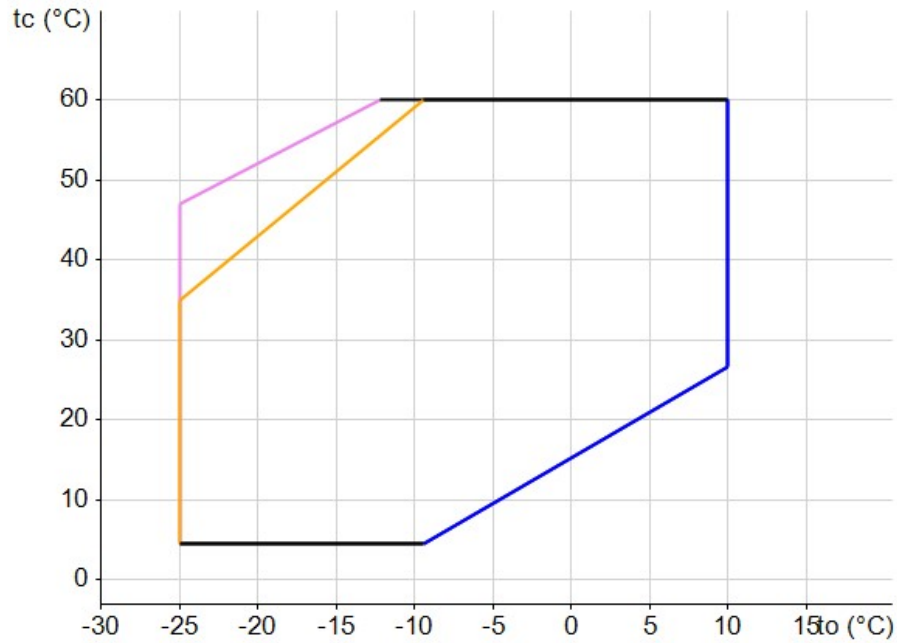




Minimum Evaporating Temp. With:

- 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	3.33	4.08	4.93	5.89	6.95	8.11	8.61	9.37
32.0		3.16	3.86	4.65	5.55	6.54	7.62	8.08	8.79
38.0			3.58	4.31	5.13	6.03	7.01	7.43	8.07
43.0				4.02	4.77	5.59			
46.0				3.84	4.54				
49.0									

50 Hz

ZXMY-030E-TFD

R449A 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	2.07	2.23	2.41	2.49	2.63
32.0		1.86	1.98	2.10	2.25	2.42	2.61	2.70	2.84
38.0			2.20	2.33	2.49	2.67	2.88	2.98	3.13
43.0				2.55	2.72	2.91			
46.0				2.70	2.87				
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	3.06	3.22	3.39	3.60	3.85	3.96	4.14
32.0		3.13	3.27	3.43	3.63	3.85	4.12	4.24	4.43
38.0			3.56	3.74	3.95	4.20	4.49	4.62	4.83
43.0				4.03	4.27	4.54			
46.0				4.23	4.47				
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	15.00	18.90	23.60	29.20	36.00	43.90	53.30	57.60	64.50
32.0		18.80	23.40	29.00	35.60	43.50	52.80	57.00	63.90
38.0			23.20	28.70	35.20	42.90	52.10	56.30	63.20
43.0				28.40	34.80	42.40			
46.0				28.20	34.60				
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