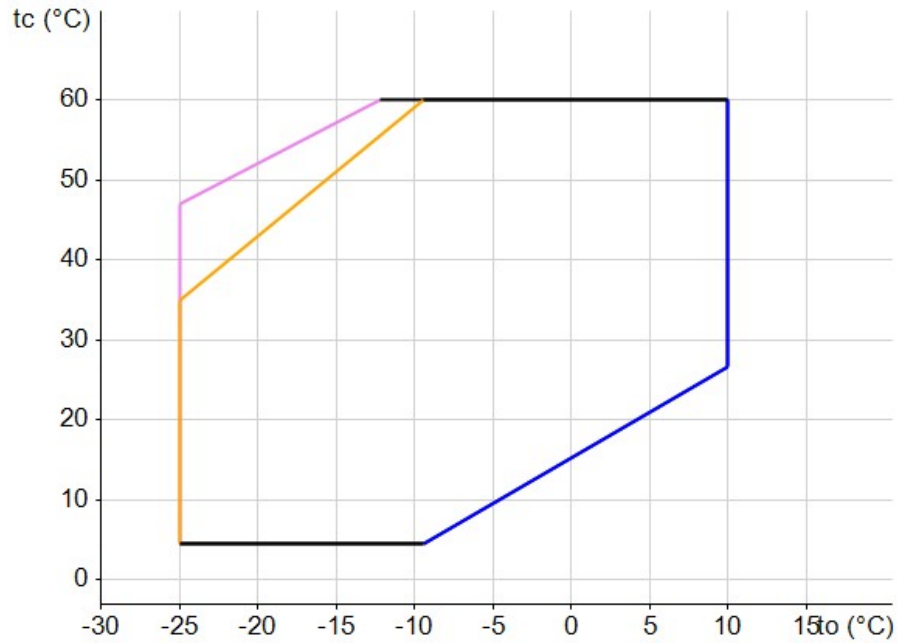




Minimum Evaporating Temp. With:

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	4.83	6.02	7.38	8.92	10.65	12.60	14.70	15.60	16.95
32.0		5.69	6.98	8.43	10.05	11.85	13.85	14.70	16.00
38.0			6.47	7.82	9.32	11.00	12.80	13.55	14.75
43.0				7.29	8.68	10.20	11.90	12.60	
46.0				6.97	8.29	9.76			
49.0									

50 Hz

ZXMY-050E-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	2.73	2.93	3.14	3.37	3.62	3.89	4.19	4.31	4.51
32.0		3.18	3.41	3.66	3.92	4.21	4.52	4.66	4.87
38.0			3.76	4.03	4.32	4.63	4.97	5.11	5.33
43.0				4.38	4.69	5.02	5.38	5.53	
46.0				4.61	4.93	5.27			
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	6.65	6.90	7.18	7.51	7.65	7.88
32.0		6.47	6.69	6.93	7.21	7.53	7.90	8.06	8.31
38.0			7.05	7.34	7.66	8.02	8.44	8.62	8.91
43.0				7.73	8.09	8.50	8.95	9.15	
46.0				7.99	8.38	8.81			
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	26.80	34.00	42.50	52.60	64.50	78.60	95.30	103.00	115.00
32.0		33.70	42.10	52.10	64.00	78.00	94.60	102.00	114.50
38.0			41.60	51.50	63.30	77.20	93.80	101.50	113.50
43.0				51.00	62.70	76.60	93.10	100.50	
46.0				50.60	62.30	76.20			
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