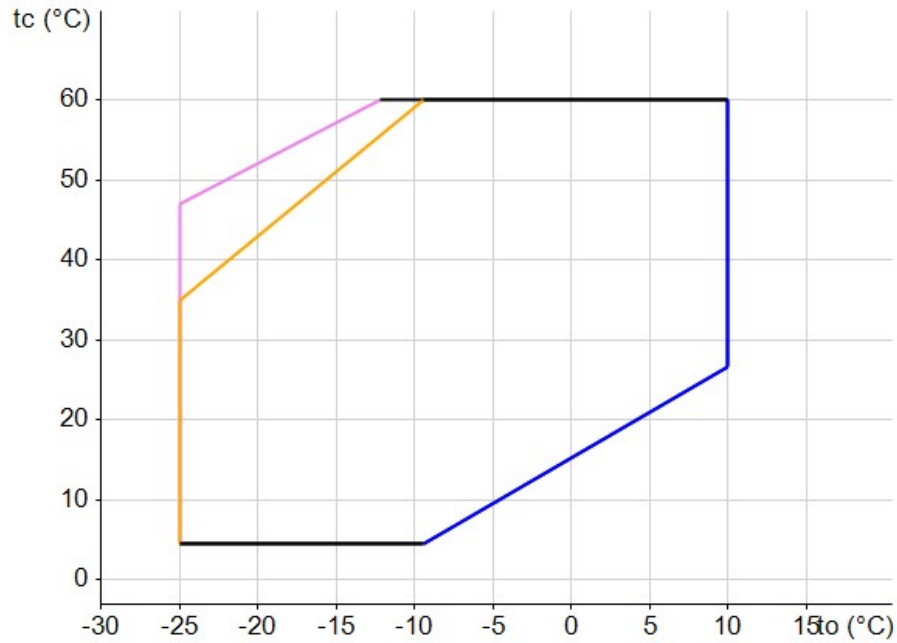




Minimum Evaporating Temp. With:

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	1.95	2.44	3.00	3.64	4.36	5.16	6.05	6.43	7.03
32.0		2.30	2.83	3.43	4.11	4.87	5.70	6.06	6.61
38.0			2.63	3.18	3.81	4.50	5.27	5.60	6.11
43.0			2.45	2.97	3.55	4.19	4.90	5.21	5.68
46.0				2.84	3.39	4.01	4.68		
49.0				2.71	3.23				

50 Hz

ZXMY-020E-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	1.18	1.25	1.34	1.42	1.52	1.62	1.74	1.79	1.86
32.0		1.36	1.44	1.54	1.64	1.76	1.88	1.93	2.01
38.0			1.59	1.70	1.80	1.92	2.05	2.11	2.19
43.0			1.72	1.83	1.94	2.07	2.21	2.26	2.35
46.0				1.92	2.04	2.17	2.30		
49.0				2.00	2.13				

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	2.67	2.78	2.90	3.03	3.09	3.18
32.0		2.60	2.70	2.80	2.92	3.05	3.20	3.26	3.36
38.0			2.86	2.98	3.11	3.25	3.42	3.49	3.60
43.0			3.01	3.14	3.28	3.44	3.62	3.70	3.82
46.0				3.25	3.40	3.57	3.75		
49.0				3.36	3.52				

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	10.75	13.60	17.00	21.10	25.80	31.50	38.10	41.10	46.00
32.0		13.45	16.85	20.80	25.60	31.20	37.80	40.70	45.60
38.0			16.60	20.60	25.20	30.80	37.30	40.30	45.10
43.0			16.40	20.30	24.90	30.40	36.90	39.90	44.70
46.0				20.20	24.80	30.20	36.70		
49.0				20.00	24.60				

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