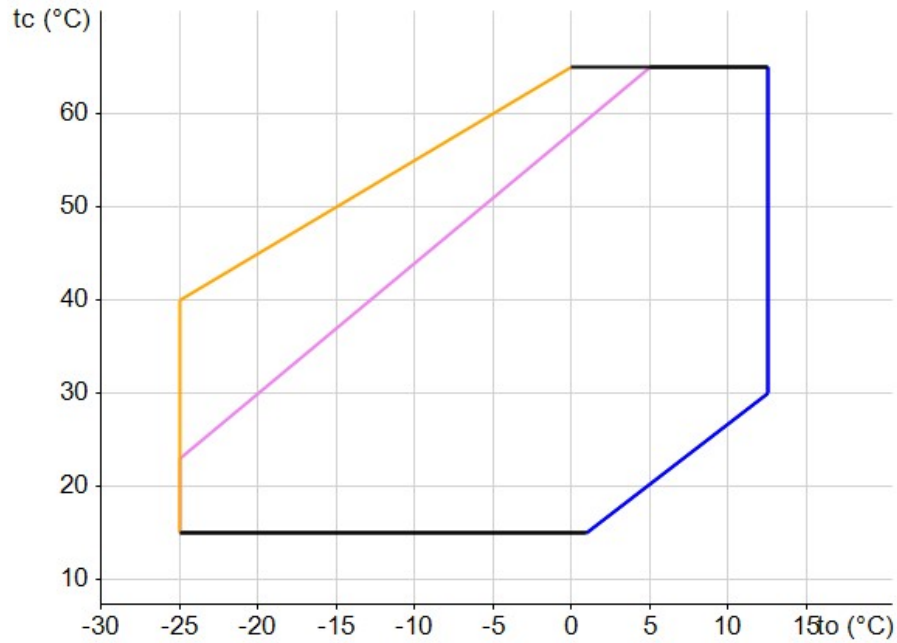




Minimum Evaporating Temp. With:

25 °C Suction Gas Return

10 K Suction Superheat

Maximum Evaporating Temperature

Maximum Pressure Limit

Suction Superheat 10.0K

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	12.5
27.0	1.58	2.03	2.57	3.19	3.91	4.72	5.63	6.02	6.64	7.18
32.0	1.48	1.92	2.43	3.02	3.70	4.47	5.33	5.70	6.28	6.80
38.0		1.78	2.25	2.80	3.43	4.15	4.95	5.30	5.84	6.32
43.0				2.61	3.20	3.87	4.62	4.94	5.46	5.90
46.0				2.49	3.05	3.69	4.41	4.72	5.22	5.65
49.0					2.90	3.51	4.20	4.50	4.97	

50 Hz

ZXMY-020E-TFD

R407C 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	12.5
27.0	1.07	1.12	1.19	1.26	1.33	1.40	1.49	1.52	1.58	1.62
32.0	1.17	1.24	1.30	1.37	1.44	1.53	1.62	1.65	1.70	1.75
38.0		1.38	1.46	1.53	1.61	1.70	1.79	1.82	1.88	1.94
43.0				1.69	1.77	1.86	1.96	2.00	2.05	2.11
46.0				1.80	1.88	1.97	2.07	2.11	2.17	2.22
49.0					2.00	2.09	2.19	2.23	2.29	

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	12.5
27.0	2.35	2.40	2.45	2.51	2.59	2.66	2.75	2.79	2.85	2.90
32.0	2.43	2.49	2.56	2.63	2.71	2.80	2.89	2.93	3.00	3.06
38.0		2.64	2.72	2.80	2.89	2.99	3.10	3.15	3.22	3.28
43.0				2.98	3.08	3.19	3.31	3.36	3.44	3.51
46.0				3.11	3.21	3.33	3.45	3.51	3.59	3.66
49.0					3.36	3.48	3.61	3.67	3.75	

Ambient °C	Mass Flow, g/s									
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	9.59	12.25	15.40	19.15	23.40	28.40	34.00	36.50	40.40	43.90
32.0	9.49	12.15	15.30	19.00	23.30	28.20	33.80	36.20	40.20	43.70
38.0		12.00	15.15	18.75	23.00	27.80	33.40	35.90	39.80	43.30
43.0				18.55	22.70	27.50	33.10	35.50	39.40	42.90
46.0				18.40	22.50	27.30	32.80	35.20	39.10	42.60
49.0					22.30	27.10	32.60	35.00	38.90	

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