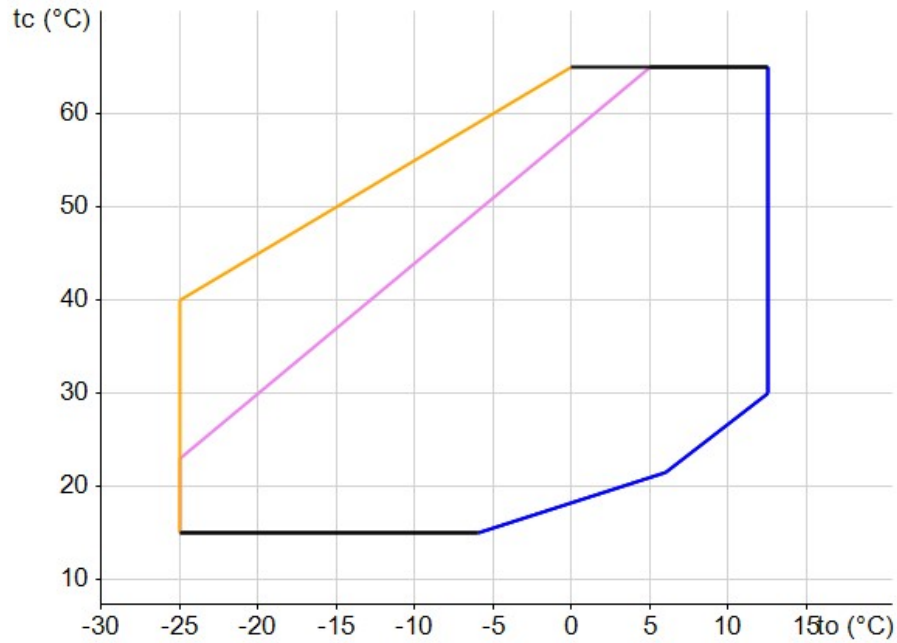




Minimum Evaporating Temp. With:

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	6.06	7.67	9.53	11.65	14.10	16.80	19.75	21.00	23.00	24.70
32.0	5.66	7.19	8.96	11.00	13.25	15.85	18.65	19.85	21.70	23.40
38.0			8.25	10.15	12.25	14.65	17.25	18.40	20.10	21.70
43.0					11.40	13.60	16.05	17.10	18.75	
46.0					10.85	12.95	15.35			
49.0						12.30				

50 Hz

ZXDY-075E-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	3.79	4.03	4.31	4.64	5.00	5.41	5.87	6.06	6.37	6.64
32.0	4.15	4.42	4.72	5.06	5.45	5.88	6.35	6.56	6.88	7.15
38.0			5.26	5.64	6.05	6.51	7.01	7.22	7.55	7.85
43.0					6.61	7.09	7.61	7.84	8.18	
46.0					6.98	7.47	8.01			
49.0						7.87				

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	7.73	7.94	8.19	8.50	8.86	9.29	9.79	10.02	10.38	10.71
32.0	8.04	8.29	8.58	8.93	9.33	9.81	10.36	10.60	10.99	11.35
38.0			9.14	9.54	10.01	10.54	11.15	11.42	11.85	12.23
43.0					10.66	11.25	11.91	12.20	12.66	
46.0					11.11	11.72	12.41			
49.0						12.23				

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	37.70	47.60	59.10	72.50	88.10	106.00	126.50	135.50	150.00	162.50
32.0	37.10	46.90	58.40	71.80	87.30	105.00	125.50	134.50	149.00	162.00
38.0			57.50	70.80	86.20	104.00	124.50	133.50	148.00	161.00
43.0					85.20	103.00	123.50	132.50	147.00	
46.0					84.50	102.00	122.50			
49.0						101.50				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0544-00_DY1/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	118
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.77
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	43
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	15.9
Compressor Locked Rotor Current, A	102

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Oil separator	Gokceler
Liquid sight glass	ALCO MIA 012
Compressor contactor	18 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