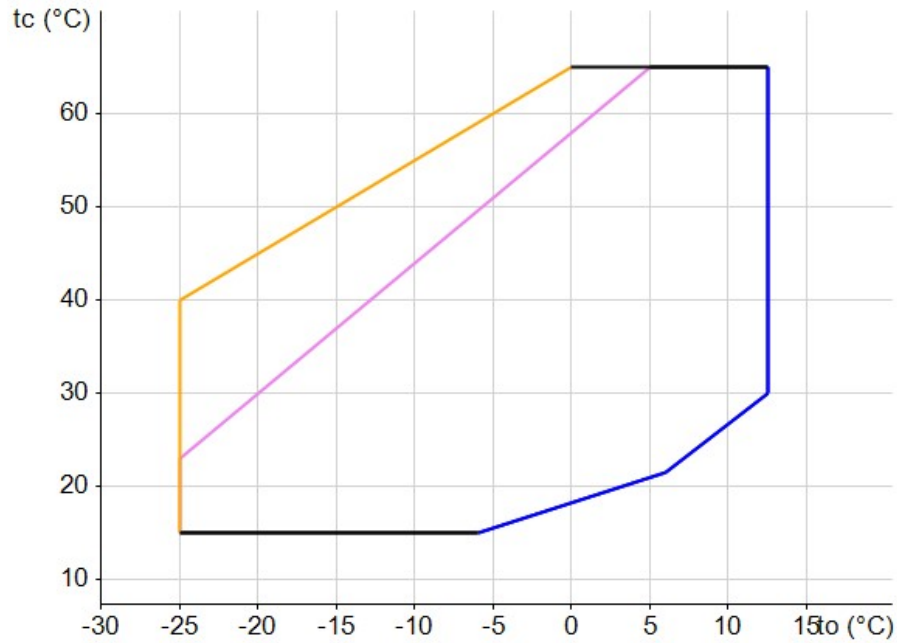




Minimum Evaporating Temp. With:

- 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	2.49	3.14	3.90	4.79	5.79	6.93	8.18	8.72	9.55	10.30
32.0	2.34	2.96	3.68	4.51	5.45	6.52	7.70	8.20	8.98	9.66
38.0			3.40	4.16	5.03	6.01	7.09	7.56	8.28	8.91
43.0				3.86	4.67	5.57	6.58	7.01	7.68	8.27
46.0					4.44	5.31	6.26	6.67		
49.0						5.03				

50 Hz

ZXDY-030E-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	1.68	1.74	1.83	1.94	2.08	2.25	2.45	2.53	2.68	2.81
32.0	1.84	1.91	2.00	2.12	2.27	2.45	2.65	2.75	2.90	3.03
38.0			2.24	2.37	2.53	2.72	2.94	3.04	3.20	3.35
43.0				2.61	2.78	2.98	3.22	3.32	3.49	3.65
46.0					2.95	3.16	3.40	3.51		
49.0						3.35				

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	3.46	3.54	3.64	3.77	3.92	4.11	4.34	4.44	4.62	4.78
32.0	3.65	3.73	3.84	3.97	4.13	4.34	4.59	4.71	4.90	5.08
38.0			4.11	4.25	4.44	4.67	4.96	5.09	5.32	5.52
43.0				4.54	4.75	5.02	5.34	5.49	5.74	5.97
46.0					4.97	5.25	5.60	5.76		
49.0						5.52				

Ambient °C	Mass Flow, g/s									
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	15.45	19.45	24.10	29.60	36.00	43.40	52.00	55.70	61.70	67.10
32.0	15.30	19.25	23.90	29.30	35.70	43.00	51.40	55.10	61.10	66.40
38.0			23.60	28.90	35.20	42.40	50.70	54.30	60.30	65.60
43.0				28.60	34.70	41.80	50.00	53.70	59.60	64.90
46.0					34.40	41.50	49.70	53.30		
49.0						41.10				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_DY1/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	39
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	6.7
Compressor Locked Rotor Current, A	40

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Oil separator	Gokceler
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