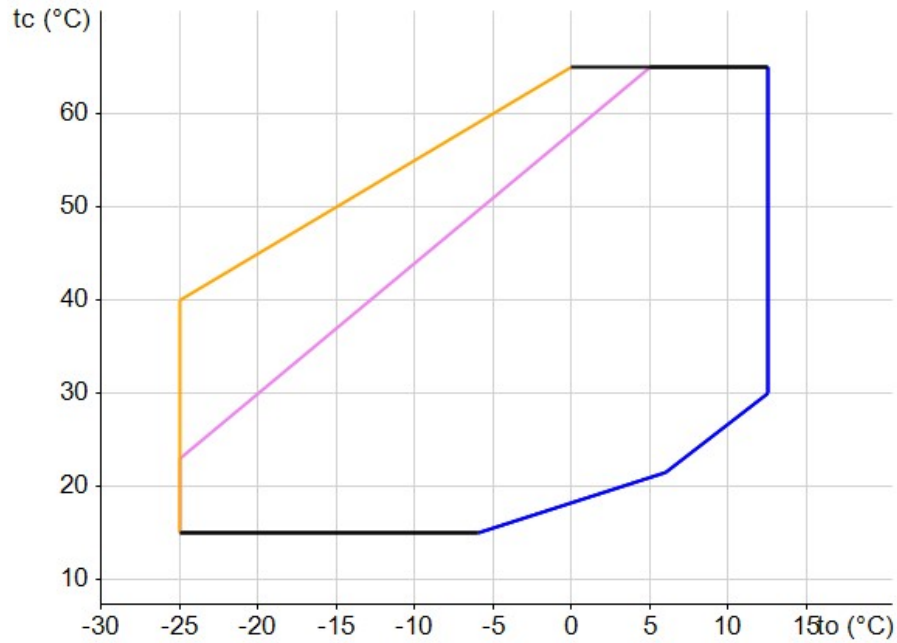




Minimum Evaporating Temp. With:

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	3.30	4.17	5.21	6.42	7.83	9.44	11.25	12.00	13.25	14.35
32.0	3.11	3.93	4.91	6.05	7.38	8.90	10.60	11.35	12.50	13.55
38.0		3.63	4.54	5.59	6.82	8.23	9.82	10.50	11.60	12.55
43.0				5.20	6.34	7.66	9.14	9.79	10.80	11.70
46.0				4.97	6.05	7.31	8.73	9.35	10.35	11.20
49.0					5.76	6.95	8.31	8.90	9.84	

50 Hz

ZXDY-040E-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	2.15	2.25	2.36	2.49	2.63	2.79	2.97	3.05	3.18	3.29
32.0	2.35	2.45	2.57	2.71	2.86	3.03	3.23	3.31	3.45	3.57
38.0		2.73	2.86	3.01	3.18	3.36	3.57	3.67	3.81	3.94
43.0				3.30	3.48	3.68	3.90	4.00	4.15	4.29
46.0				3.48	3.67	3.88	4.11	4.22	4.38	4.52
49.0					3.88	4.10	4.34	4.45	4.61	

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	3.80	3.92	4.05	4.20	4.37	4.57	4.80	4.90	5.06	5.20
32.0	4.03	4.16	4.30	4.47	4.66	4.87	5.12	5.23	5.41	5.57
38.0		4.49	4.66	4.85	5.06	5.30	5.58	5.70	5.89	6.06
43.0				5.21	5.45	5.71	6.01	6.14	6.35	6.54
46.0				5.46	5.70	5.98	6.30	6.44	6.66	6.85
49.0					5.99	6.28	6.61	6.75	6.98	

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	20.10	25.30	31.40	38.60	47.00	56.80	68.10	73.10	81.10	88.20
32.0	19.95	25.00	31.00	38.20	46.50	56.20	67.40	72.40	80.30	87.40
38.0		24.70	30.60	37.60	45.80	55.40	66.50	71.40	79.30	86.30
43.0				37.10	45.20	54.60	65.60	70.50	78.30	85.40
46.0				36.80	44.80	54.20	65.10	69.90	77.80	84.90
49.0					44.40	53.70	64.50	69.40	77.20	

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_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	106
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	0.97
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	42
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
Compressor Locked Rotor Current, A	48

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