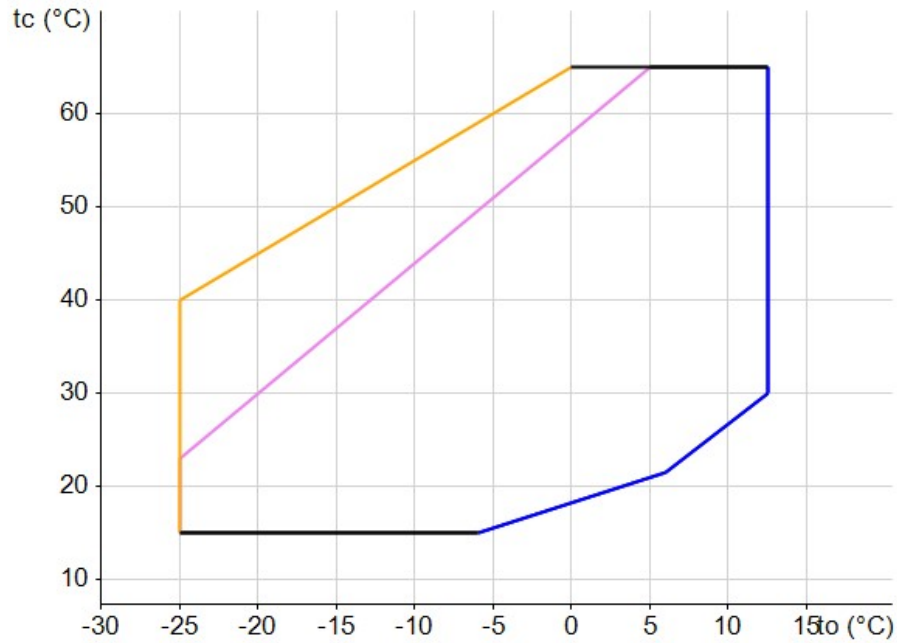




Minimum Evaporating Temp. With:

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	4.13	5.24	6.53	8.01	9.70	11.60	13.75	14.65	16.05	17.30
32.0	3.86	4.92	6.14	7.55	9.16	10.95	13.00	13.85	15.20	16.35
38.0			5.67	6.98	8.48	10.15	12.05	12.85	14.10	15.25
43.0				6.49	7.89	9.48	11.25	12.00	13.20	14.25
46.0					7.53	9.05	10.75	11.50	12.65	
49.0						8.62	10.25			

50 Hz

ZXDY-050E-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	2.57	2.72	2.90	3.09	3.31	3.56	3.84	3.95	4.14	4.30
32.0	2.81	2.97	3.16	3.37	3.60	3.86	4.15	4.27	4.46	4.63
38.0			3.52	3.74	3.99	4.27	4.57	4.70	4.90	5.07
43.0				4.09	4.36	4.65	4.96	5.09	5.30	5.48
46.0					4.60	4.89	5.22	5.35	5.56	
49.0						5.15	5.49			

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	5.40	5.53	5.70	5.89	6.13	6.40	6.71	6.85	7.08	7.28
32.0	5.61	5.77	5.96	6.19	6.45	6.75	7.10	7.25	7.49	7.71
38.0			6.35	6.61	6.91	7.24	7.63	7.80	8.06	8.30
43.0				7.03	7.36	7.73	8.14	8.32	8.61	8.87
46.0					7.66	8.05	8.48	8.67	8.97	
49.0						8.40	8.85			

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	25.40	32.10	39.80	48.90	59.40	71.40	85.20	91.30	101.00	109.50
32.0	25.00	31.60	39.40	48.40	58.90	70.90	84.70	90.80	100.50	109.00
38.0			38.80	47.80	58.20	70.20	84.00	90.00	99.80	108.50
43.0				47.20	57.50	69.50	83.30	89.40	99.10	108.00
46.0					57.10	69.00	82.80	88.90	98.80	
49.0						68.60	82.40			

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_DY2/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	108
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.98
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	11.3
Compressor Locked Rotor Current, A	64

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