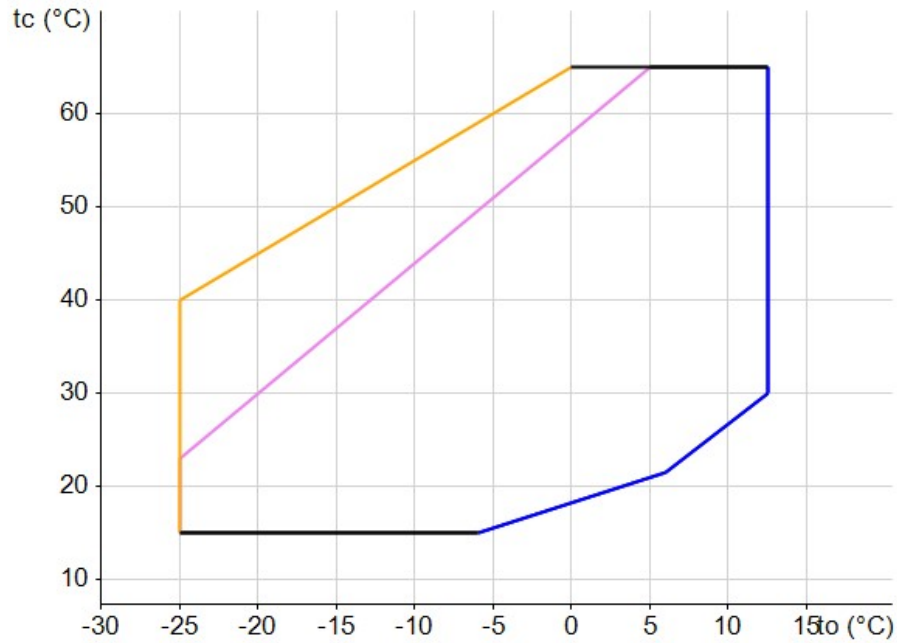




Minimum Evaporating Temp. With:

- 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	4.91	6.21	7.72	9.44	11.40	13.55	15.95	16.95	18.55	19.95
32.0	4.59	5.83	7.27	8.90	10.75	12.80	15.05	16.05	17.55	18.85
38.0			6.71	8.24	9.96	11.90	14.00	14.90	16.30	17.55
43.0				7.67	9.28	11.10	13.10	13.95	15.25	
46.0					8.87	10.60	12.50	13.35		
49.0						10.10				

50 Hz

ZXDY-060E-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	3.06	3.26	3.48	3.72	4.00	4.31	4.66	4.82	5.06	5.29
32.0	3.31	3.53	3.77	4.04	4.34	4.68	5.06	5.22	5.49	5.72
38.0			4.17	4.47	4.80	5.17	5.58	5.76	6.05	6.31
43.0				4.87	5.23	5.63	6.07	6.26	6.57	
46.0					5.51	5.93	6.39	6.59		
49.0						6.25				

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	6.05	6.32	6.60	6.89	7.22	7.58	7.98	8.15	8.43	8.68
32.0	6.38	6.66	6.95	7.27	7.61	7.99	8.41	8.60	8.89	9.16
38.0			7.42	7.75	8.12	8.53	8.99	9.19	9.51	9.80
43.0				8.20	8.60	9.04	9.53	9.74	10.09	
46.0					8.91	9.37	9.88	10.10		
49.0						9.72				

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	30.50	38.40	47.70	58.40	70.80	85.00	101.00	108.50	119.50	130.00
32.0	30.00	38.00	47.20	57.90	70.30	84.50	100.50	108.00	119.00	129.50
38.0			46.60	57.30	69.70	83.80	100.00	107.50	119.00	129.00
43.0				56.80	69.10	83.30	99.60	107.00	118.50	
46.0					68.70	83.00	99.40	106.50		
49.0						82.70				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_DY3/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	112
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	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	12.3
Compressor Locked Rotor Current, A	74

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