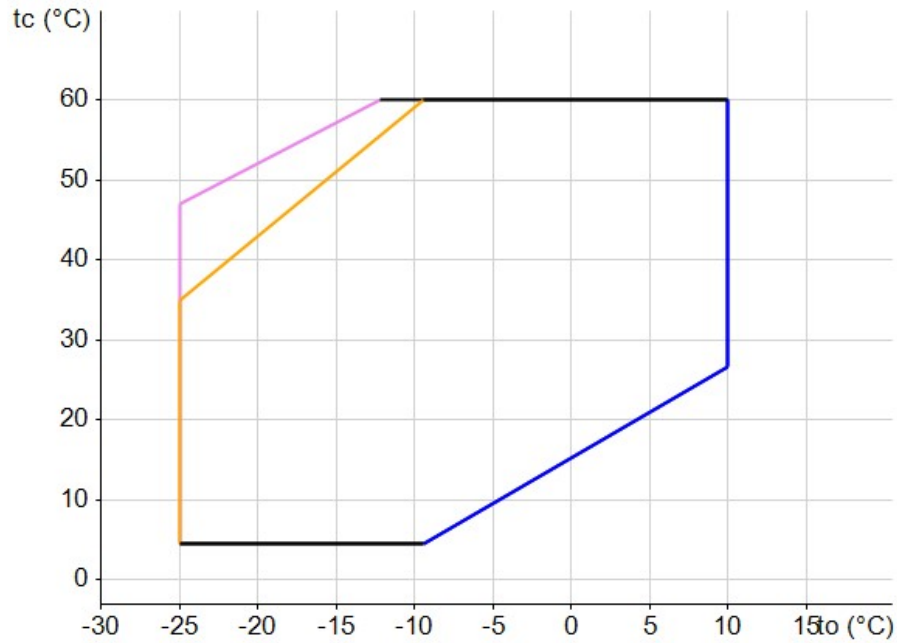




Minimum Evaporating Temp. With:

10 K Suction Superheat

20 °C Suction Gas Return

Maximum Evaporating Temperature

Maximum Pressure Limit

Suction Return Temperature 20.0°C

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
27.0	4.85	6.04	7.41	8.96	10.70	12.60	14.75	15.60	17.00
32.0		5.71	7.00	8.46	10.10	11.90	13.90	14.70	16.00
38.0			6.49	7.84	9.34	11.00	12.85	13.60	14.80
43.0				7.31	8.70	10.25	11.95		
46.0				6.98	8.31				
49.0									

50 Hz

ZXDY-050E-TFD

R448A 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
27.0	2.76	2.96	3.17	3.41	3.66	3.93	4.24	4.37	4.57
32.0		3.21	3.44	3.69	3.96	4.26	4.58	4.71	4.93
38.0			3.80	4.07	4.37	4.68	5.03	5.17	5.40
43.0				4.43	4.74	5.08	5.44		
46.0				4.66	4.98				
49.0									

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
27.0	5.56	5.75	5.98	6.23	6.51	6.84	7.20	7.37	7.63
32.0		6.01	6.27	6.55	6.87	7.23	7.64	7.82	8.10
38.0			6.68	7.01	7.37	7.78	8.23	8.43	8.74
43.0				7.45	7.85	8.30	8.79		
46.0				7.74	8.17				
49.0									

Ambient °C	Mass Flow, g/s								
	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	26.60	33.70	42.10	52.10	64.00	77.90	94.40	102.00	114.00
32.0		33.30	41.70	51.60	63.40	77.30	93.70	101.00	113.00
38.0			41.20	51.00	62.60	76.40	92.80	100.00	112.50
43.0				50.40	61.90	75.70	92.00		
46.0				50.00	61.50				
49.0									

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