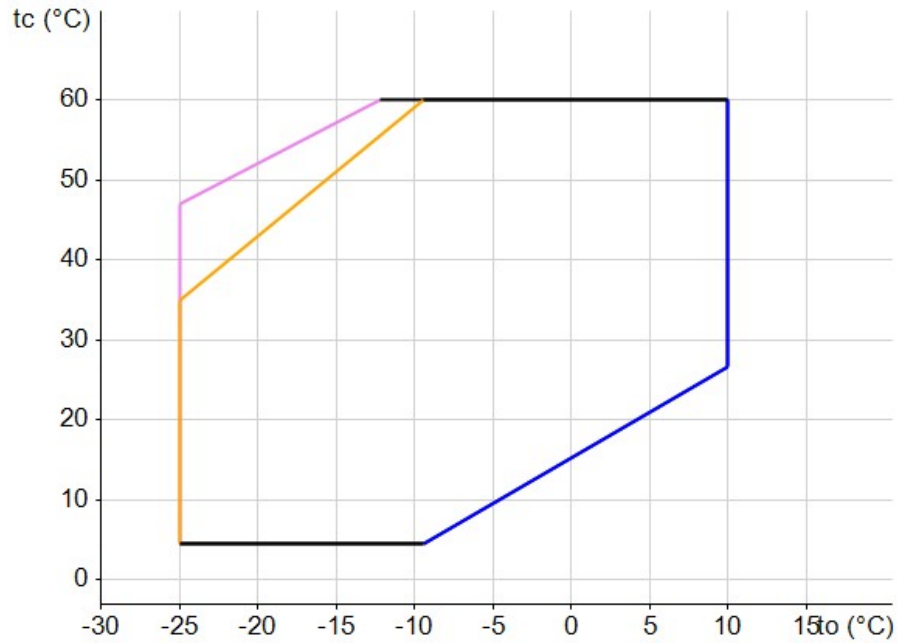




Minimum Evaporating Temp. With:

- 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		8.85	10.80	13.00	15.50	18.20	21.10	22.30	24.20
32.0		8.35	10.20	12.30	14.60	17.10	19.85	21.00	22.80
38.0			9.44	11.35	13.45	15.80	18.30	19.35	
43.0				10.55	12.50	14.65			
46.0				10.05					
49.0									

50 Hz

ZXDY-075E-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		4.40	4.75	5.13	5.54	6.00	6.51	6.73	7.07
32.0		4.78	5.16	5.57	6.01	6.50	7.04	7.27	7.63
38.0			5.71	6.15	6.63	7.16	7.73	7.98	
43.0				6.70	7.21	7.77			
46.0				7.05					
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		8.26	8.60	8.99	9.44	9.95	10.55	10.81	11.23
32.0		8.63	9.02	9.46	9.97	10.54	11.19	11.47	11.92
38.0			9.62	10.13	10.70	11.34	12.05	12.37	
43.0				10.77	11.40	12.10			
46.0				11.20					
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		50.00	62.50	77.30	94.80	115.50	140.00	151.00	169.00
32.0		49.50	61.90	76.60	93.90	114.50	139.00	149.50	167.50
38.0			61.10	75.60	92.80	113.00	137.50	148.50	
43.0				74.70	91.70	112.00			
46.0				74.10					
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0544-00_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	118
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.77
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	15.9
Compressor Locked Rotor Current, A	102

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Oil separator	Gokceler
Liquid sight glass	ALCO MIA 012
Compressor contactor	18 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