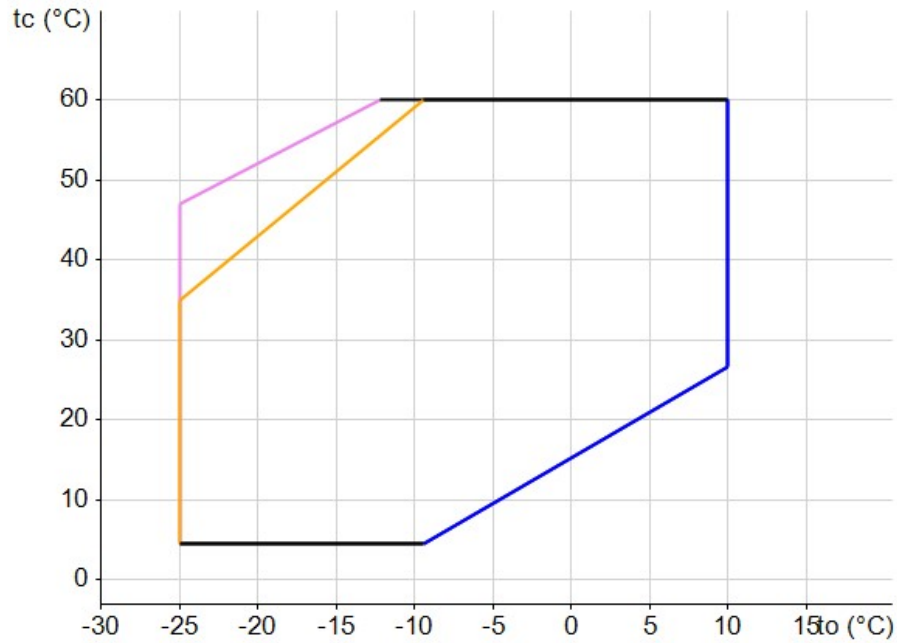




Minimum Evaporating Temp. With:

- 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	5.78	7.20	8.82	10.65	12.65	14.85	17.25	18.30	19.85
32.0		6.80	8.33	10.05	11.95	14.00	16.25	17.20	18.65
38.0			7.72	9.30	11.05	12.95	15.00	15.85	17.20
43.0				8.66	10.30	12.05			
46.0				8.26					
49.0									

50 Hz

ZXDY-060E-TFD

R449A 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	3.30	3.55	3.82	4.11	4.42	4.77	5.16	5.33	5.60
32.0		3.83	4.13	4.45	4.79	5.17	5.60	5.78	6.07
38.0			4.52	4.88	5.27	5.69	6.16	6.37	6.69
43.0				5.27	5.70	6.16			
46.0				5.52					
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	5.84	6.15	6.48	6.85	7.26	7.73	8.26	8.49	8.87
32.0		6.49	6.87	7.29	7.75	8.28	8.87	9.13	9.55
38.0			7.39	7.87	8.41	9.01	9.68	9.97	10.44
43.0				8.42	9.02	9.68			
46.0				8.77					
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	32.40	41.20	51.50	63.80	78.20	95.20	115.00	124.00	139.00
32.0		40.70	51.10	63.20	77.60	94.50	114.50	123.50	138.50
38.0			50.40	62.50	76.80	93.70	113.50	122.50	137.50
43.0				61.80	76.00	92.90			
46.0				61.40					
49.0									

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