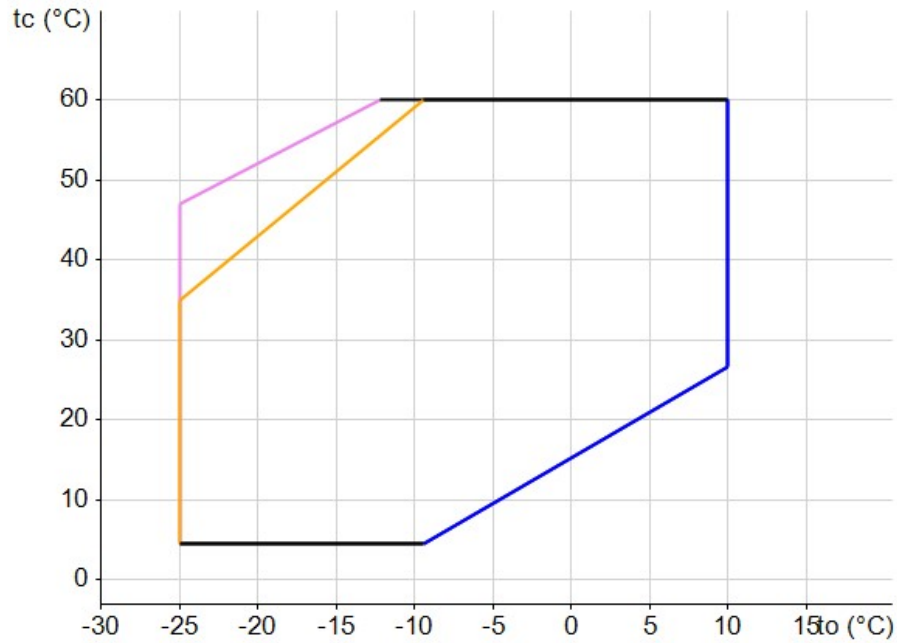




Minimum Evaporating Temp. With:

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		3.64	4.45	5.37	6.40	7.54	8.78	9.30	10.10
32.0		3.45	4.21	5.06	6.02	7.08	8.23	8.72	9.47
38.0			3.90	4.69	5.56	6.52	7.57	8.01	8.68
43.0				4.36	5.16	6.04			
46.0				4.16					
49.0									

50 Hz

ZXDY-030E-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		1.90	2.01	2.15	2.31	2.49	2.71	2.80	2.95
32.0		2.07	2.19	2.34	2.51	2.70	2.93	3.03	3.19
38.0			2.44	2.60	2.78	2.99	3.23	3.34	3.52
43.0				2.84	3.04	3.26			
46.0				3.01					
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		3.72	3.85	4.01	4.19	4.40	4.67	4.79	4.98
32.0		3.92	4.06	4.22	4.42	4.66	4.95	5.08	5.30
38.0			4.34	4.53	4.75	5.02	5.34	5.49	5.73
43.0				4.83	5.07	5.37			
46.0				5.03					
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		20.80	26.00	32.10	39.50	48.20	58.50	63.20	70.80
32.0		20.70	25.80	31.90	39.10	47.70	57.90	62.60	70.10
38.0			25.50	31.50	38.60	47.10	57.20	61.80	69.40
43.0				31.20	38.20	46.60			
46.0				31.00					
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_DY1/A6E450-AF13-16
Number of Fans	1
Total Fan Power Input, W	121
Depth/Width, mm	1035/446
Height, mm	840
Base mounting (hole dia), mm	580 x 388 (15)
Net Weight, kg	79
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.05
High Side PS gauge, bar	31
Low Side PS gauge, bar	22
Suction Type	Cu Tube
Suction Diameter, inch	3/4
Sound Pressure @ 10m (MT), dBA	39
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	6.7
Compressor Locked Rotor Current, A	40

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