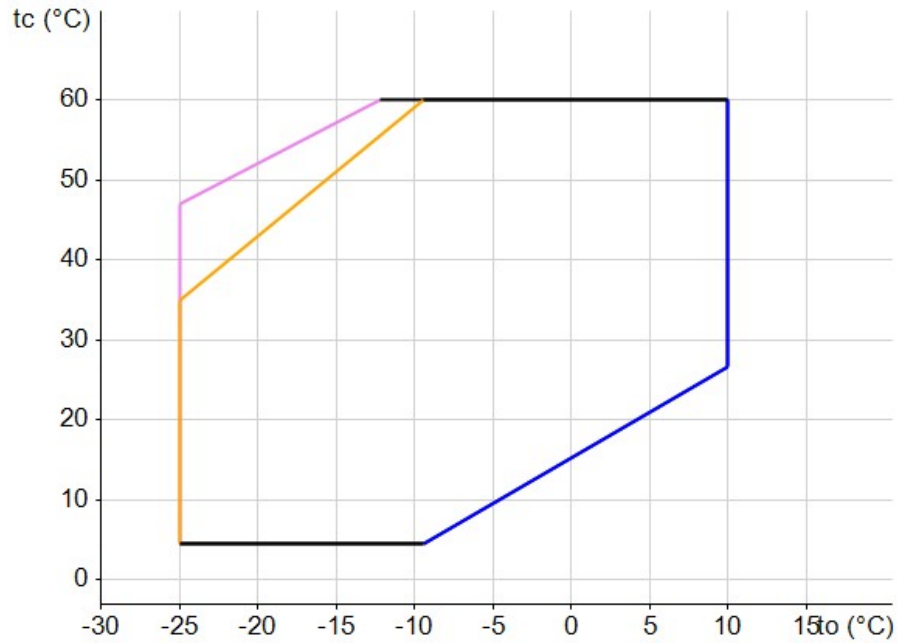




Minimum Evaporating Temp. With:

- 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	3.90	4.85	5.95	7.23	8.68	10.30	12.15	12.90	14.15
32.0		4.59	5.63	6.83	8.19	9.72	11.40	12.15	13.30
38.0			5.24	6.34	7.59	8.99	10.55	11.20	12.25
43.0			4.90	5.91	7.07	8.37	9.81	10.40	11.40
46.0				5.65	6.75	7.98	9.35		
49.0				5.39	6.43				

50 Hz

ZXDY-040E-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	2.31	2.44	2.58	2.73	2.88	3.05	3.23	3.31	3.43
32.0		2.65	2.80	2.96	3.13	3.32	3.52	3.60	3.74
38.0			3.10	3.28	3.47	3.68	3.90	4.00	4.15
43.0			3.38	3.58	3.79	4.01	4.25	4.36	4.52
46.0				3.77	3.99	4.23	4.48		
49.0				3.97	4.21				

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	3.98	4.14	4.31	4.49	4.69	4.90	5.13	5.23	5.40
32.0		4.40	4.59	4.79	5.00	5.24	5.51	5.62	5.80
38.0			4.97	5.20	5.44	5.71	6.01	6.14	6.35
43.0			5.33	5.58	5.86	6.16	6.49	6.64	6.86
46.0				5.84	6.13	6.46	6.81		
49.0				6.11	6.43				

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	21.50	27.10	33.80	41.90	51.50	63.00	76.60	82.70	92.70
32.0		26.90	33.50	41.50	51.00	62.40	75.80	81.90	91.90
38.0			33.10	41.00	50.40	61.60	74.90	80.90	90.90
43.0			32.80	40.50	49.80	60.90	74.10	80.10	90.10
46.0				40.30	49.40	60.40	73.70		
49.0				40.00	49.10				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_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	106
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	0.97
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	10
Compressor Locked Rotor Current, A	48

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