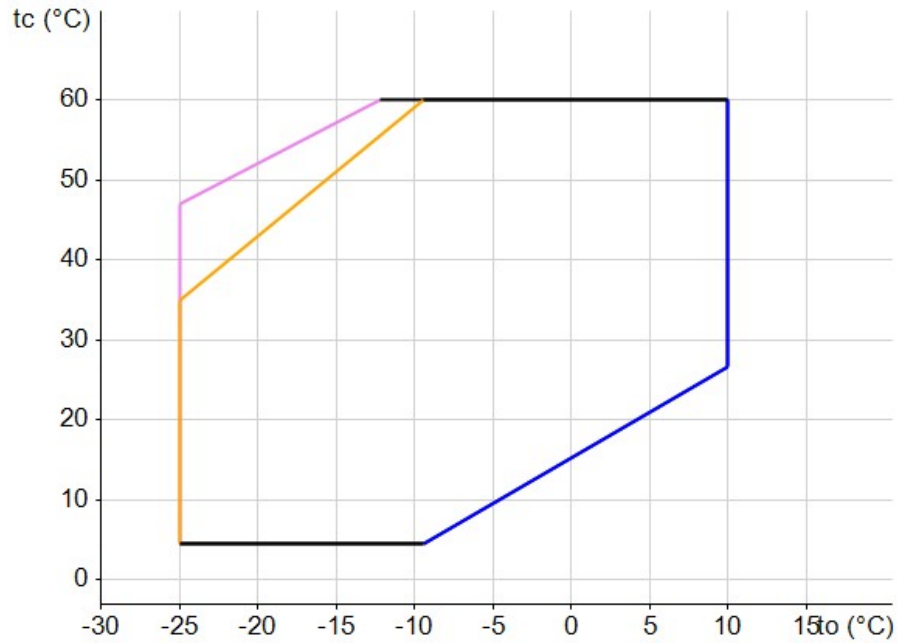




Minimum Evaporating Temp. With:

- 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	3.89	4.83	5.93	7.20	8.65	10.30	12.10	12.85	14.05
32.0		4.58	5.61	6.80	8.16	9.68	11.40	12.10	13.25
38.0			5.22	6.31	7.56	8.95	10.50	11.15	12.20
43.0				5.89	7.04	8.33	9.76	10.35	11.35
46.0				5.63	6.72	7.95	9.31		
49.0				5.36	6.40				

50 Hz

ZXDY-040E-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	2.31	2.45	2.59	2.74	2.89	3.06	3.25	3.33	3.45
32.0		2.66	2.81	2.97	3.14	3.33	3.53	3.62	3.76
38.0			3.11	3.29	3.48	3.69	3.92	4.02	4.17
43.0				3.59	3.80	4.03	4.27	4.38	4.55
46.0				3.78	4.00	4.24	4.50		
49.0				3.99	4.22				

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	3.99	4.15	4.32	4.50	4.70	4.91	5.15	5.26	5.42
32.0		4.41	4.60	4.80	5.02	5.26	5.53	5.65	5.83
38.0			4.98	5.21	5.46	5.73	6.04	6.17	6.38
43.0				5.60	5.88	6.18	6.52	6.67	6.89
46.0				5.85	6.15	6.48	6.84		
49.0				6.13	6.45				

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	21.10	26.70	33.30	41.20	50.70	62.00	75.30	81.40	91.20
32.0		26.40	33.00	40.80	50.20	61.30	74.60	80.60	90.40
38.0			32.60	40.30	49.50	60.50	73.60	79.50	89.30
43.0				39.80	48.90	59.70	72.70	78.70	88.40
46.0				39.50	48.50	59.30	72.20		
49.0				39.20	48.10				

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