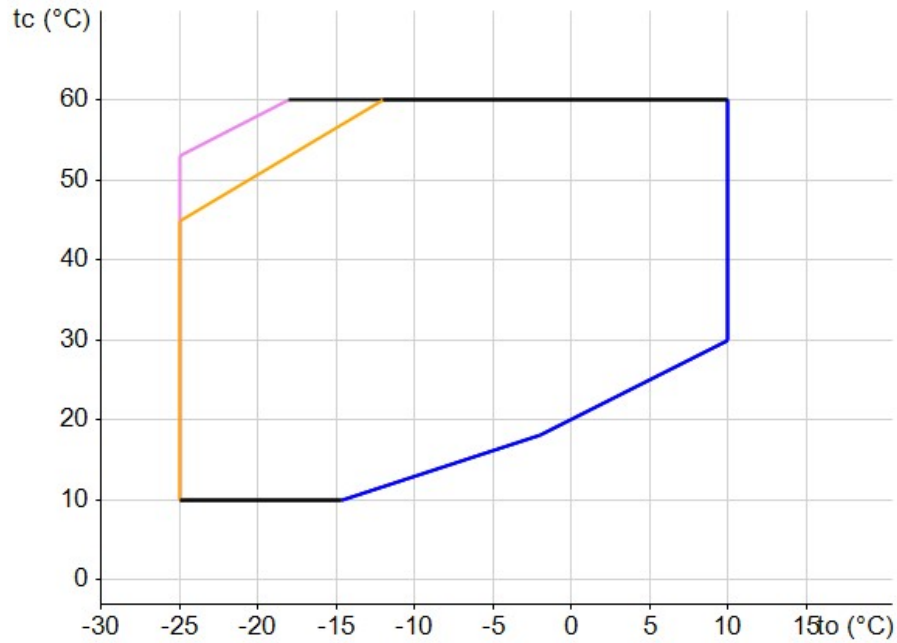




Minimum Evaporating Temp. With:

- 10 K Suction Superheat — 20 °C Suction Gas Return
- Maximum Evaporating Temperature — Maximum Pressure Limit

Suction Superheat 10.0K

Liquid Subcooling 2.0K

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	3.14	3.83	4.62	5.51	6.48	7.53	8.65	9.12	9.84
32.0	2.92	3.57	4.30	5.12	6.02	6.99	8.04	8.47	9.14
38.0	2.65	3.24	3.90	4.64	5.45	6.34	7.29	7.68	
43.0	2.42	2.96	3.56	4.23	4.97	5.78			
46.0	2.28	2.78	3.35	3.98	4.68				
49.0		2.61	3.13						

50 Hz

ZXDY-030E-TFD

R455A Arith. Mean Temp.

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	1.85	1.96	2.09	2.24	2.42	2.62	2.85	2.95	3.11
32.0	2.01	2.13	2.26	2.42	2.60	2.81	3.06	3.16	3.34
38.0	2.23	2.36	2.50	2.67	2.86	3.08	3.34	3.45	
43.0	2.45	2.58	2.73	2.90	3.11	3.34			
46.0	2.60	2.73	2.88	3.06	3.27				
49.0		2.89	3.05						

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	3.66	3.80	3.96	4.14	4.35	4.59	4.87	4.99	5.19
32.0	3.86	4.00	4.16	4.35	4.57	4.83	5.12	5.25	5.46
38.0	4.13	4.28	4.45	4.65	4.88	5.15	5.47	5.61	
43.0	4.39	4.54	4.72	4.93	5.18	5.46			
46.0	4.56	4.72	4.91	5.12	5.38				
49.0		4.92	5.11						

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	21.20	25.80	31.20	37.40	44.40	52.40	61.30	65.20	71.40
32.0	20.90	25.50	30.70	36.80	43.70	51.50	60.30	64.20	70.30
38.0	20.50	25.00	30.10	36.00	42.70	50.30	59.00	62.80	
43.0	20.10	24.50	29.50	35.20	41.80	49.30			
46.0	19.90	24.20	29.10	34.80	41.30				
49.0		23.90	28.80						

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