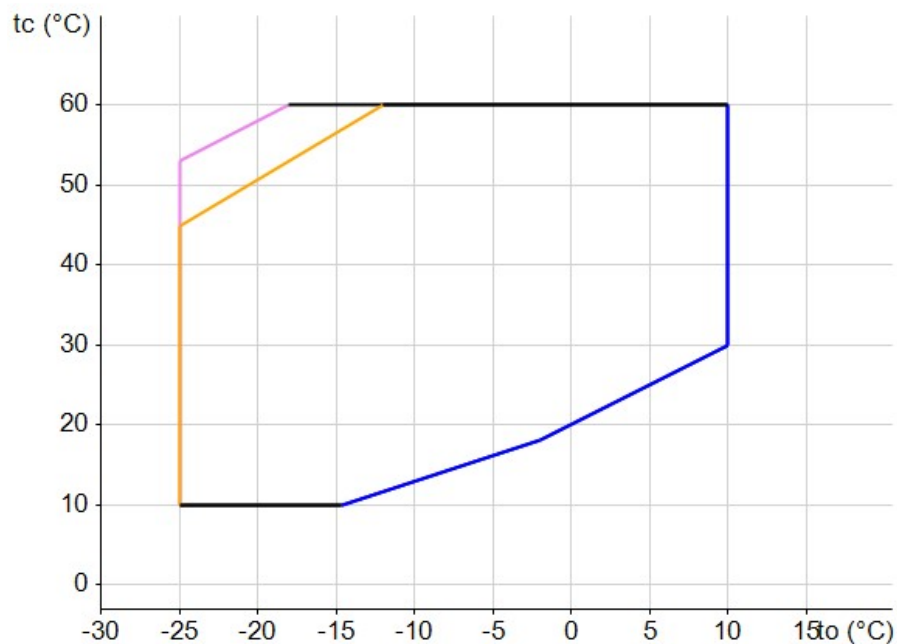




Minimum Evaporating Temp. With:

- 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	6.17	7.52	9.05	10.75	12.65	14.75	16.95	17.90	19.35
32.0	5.75	7.01	8.43	10.05	11.80	13.75	15.85	16.70	18.05
38.0	5.23	6.38	7.68	9.14	10.75	12.55	14.45	15.25	
43.0	4.80	5.85	7.04	8.38	9.87	11.50			
46.0	4.53	5.52	6.65	7.91	9.32				
49.0		5.20	6.25	7.44					

50 Hz

ZXDY-060E-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	3.44	3.71	4.00	4.31	4.64	5.01	5.43	5.61	5.90
32.0	3.69	3.98	4.29	4.63	4.99	5.38	5.83	6.02	6.32
38.0	4.01	4.34	4.68	5.04	5.43	5.86	6.34	6.54	
43.0	4.31	4.66	5.02	5.41	5.84	6.29			
46.0	4.49	4.86	5.25	5.65	6.09				
49.0		5.08	5.48	5.90					

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	6.48	6.81	7.17	7.56	7.98	8.46	9.00	9.24	9.61
32.0	6.79	7.15	7.54	7.96	8.43	8.94	9.52	9.77	10.17
38.0	7.19	7.59	8.03	8.49	9.00	9.57	10.20	10.47	
43.0	7.56	8.00	8.47	8.98	9.53	10.13			
46.0	7.79	8.26	8.76	9.29	9.87				
49.0		8.54	9.06	9.62					

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	41.60	50.70	61.20	73.20	87.00	102.50	120.50	128.50	141.00
32.0	41.00	50.00	60.30	72.20	85.90	101.50	119.50	127.00	139.50
38.0	40.30	49.10	59.20	70.90	84.40	99.90	117.50	125.50	
43.0	39.70	48.30	58.30	69.80	83.10	98.50			
46.0	39.30	47.80	57.70	69.10	82.40				
49.0		47.40	57.10	68.40					

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