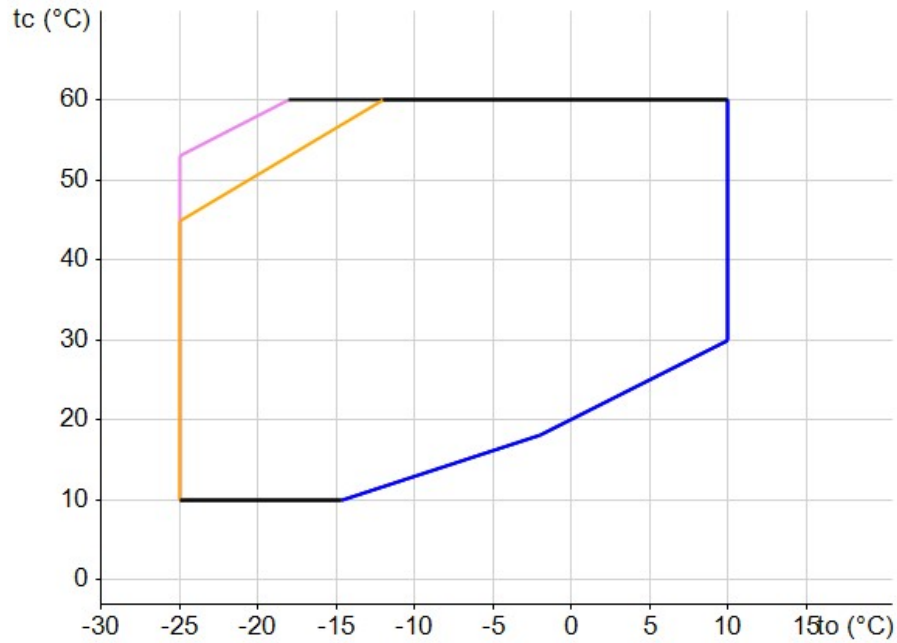




Minimum Evaporating Temp. With:

- 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	5.21	6.35	7.66	9.13	10.75	12.60	14.55	15.35	16.65
32.0	4.85	5.92	7.14	8.52	10.05	11.75	13.60	14.35	15.55
38.0	4.42	5.40	6.51	7.76	9.16	10.70	12.40	13.10	14.25
43.0	4.05	4.95	5.97	7.12	8.41	9.84	11.40		
46.0	3.83	4.68	5.64	6.73	7.95				
49.0		4.40	5.30	6.33					

50 Hz

ZXDY-050E-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	2.89	3.10	3.33	3.58	3.85	4.14	4.46	4.60	4.81
32.0	3.12	3.35	3.59	3.85	4.14	4.44	4.77	4.91	5.13
38.0	3.43	3.68	3.94	4.22	4.51	4.83	5.18	5.32	5.55
43.0	3.73	3.99	4.26	4.55	4.86	5.19	5.55		
46.0	3.92	4.19	4.47	4.77	5.08				
49.0		4.41	4.69	5.00					

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	5.68	5.91	6.16	6.44	6.75	7.11	7.51	7.68	7.96
32.0	5.92	6.17	6.45	6.76	7.10	7.48	7.91	8.10	8.39
38.0	6.27	6.55	6.86	7.20	7.57	7.99	8.45	8.65	8.97
43.0	6.61	6.92	7.25	7.62	8.02	8.47	8.96		
46.0	6.84	7.16	7.52	7.90	8.32				
49.0		7.43	7.80	8.20					

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	34.70	42.30	51.00	61.10	72.60	85.80	101.00	107.50	117.50
32.0	34.30	41.70	50.30	60.20	71.60	84.60	99.50	106.00	116.50
38.0	33.70	41.00	49.40	59.10	70.30	83.20	98.00	104.50	115.00
43.0	33.20	40.30	48.60	58.10	69.20	82.00	96.80		
46.0	32.80	39.90	48.10	57.50	68.50				
49.0		39.50	47.60	56.90					

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_DY2/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	108
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	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	11.3
Compressor Locked Rotor Current, A	64

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