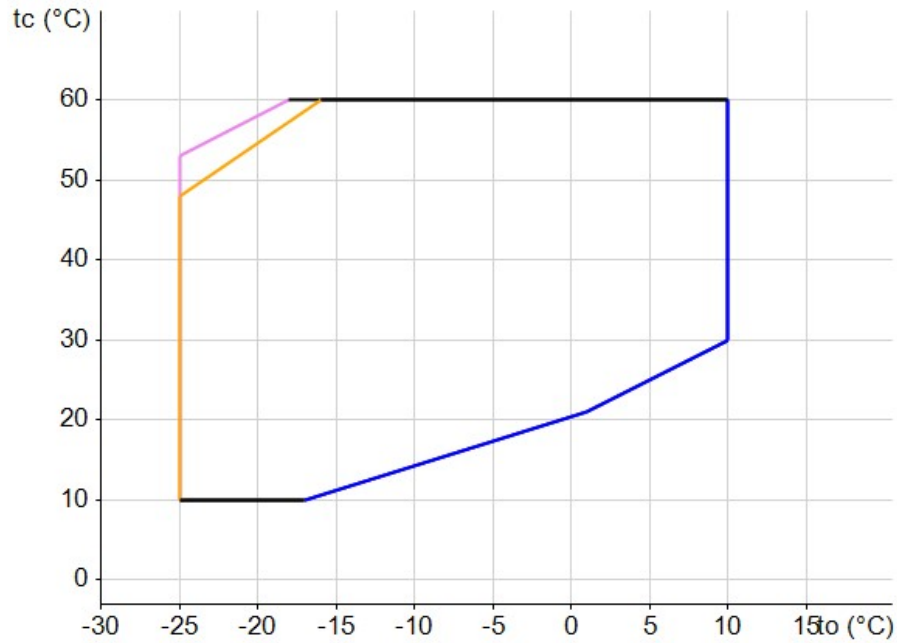




Minimum Evaporating Temp. With:

- 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	6.80	8.39	10.20	12.25	14.55	17.10	19.85	21.00	22.80
32.0	6.32	7.81	9.51	11.45	13.60	15.95	18.55	19.65	21.30
38.0	5.73	7.10	8.65	10.40	12.40	14.55	16.95	17.95	19.50
43.0	5.24	6.49	7.92	9.54	11.35	13.35	15.55		
46.0	4.94	6.13	7.48	9.01	10.75	12.65			
49.0		5.76	7.03	8.48					

50 Hz

ZXDY-075E-TFD

R454C 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	3.83	4.10	4.38	4.68	5.02	5.39	5.82	6.01	6.31
32.0	4.15	4.42	4.72	5.04	5.40	5.80	6.26	6.46	6.78
38.0	4.56	4.85	5.17	5.52	5.90	6.34	6.83	7.05	7.40
43.0	4.93	5.24	5.57	5.95	6.36	6.83	7.35		
46.0	5.15	5.48	5.83	6.22	6.65	7.14			
49.0		5.72	6.09	6.50					

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	7.77	7.99	8.25	8.54	8.88	9.28	9.74	9.95	10.29
32.0	8.04	8.29	8.58	8.91	9.29	9.73	10.24	10.47	10.84
38.0	8.43	8.71	9.04	9.42	9.85	10.35	10.92	11.18	11.59
43.0	8.79	9.12	9.48	9.90	10.38	10.93	11.56		
46.0	9.03	9.38	9.78	10.22	10.73	11.31			
49.0		9.66	10.09	10.56					

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	47.80	58.70	71.30	85.80	102.50	121.00	142.50	151.50	166.00
32.0	47.10	57.80	70.30	84.50	101.00	119.50	140.50	149.50	164.50
38.0	46.10	56.70	68.90	82.90	99.00	117.50	138.50	147.50	162.00
43.0	45.30	55.70	67.60	81.40	97.30	115.50	136.50		
46.0	44.80	55.00	66.80	80.50	96.20	114.50			
49.0		54.40	66.00	79.50					

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0544-00_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	118
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m ³ /s	1.77
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	15.9
Compressor Locked Rotor Current, A	102

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Oil separator	Gokceler
Liquid sight glass	ALCO MIA 012
Compressor contactor	18 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