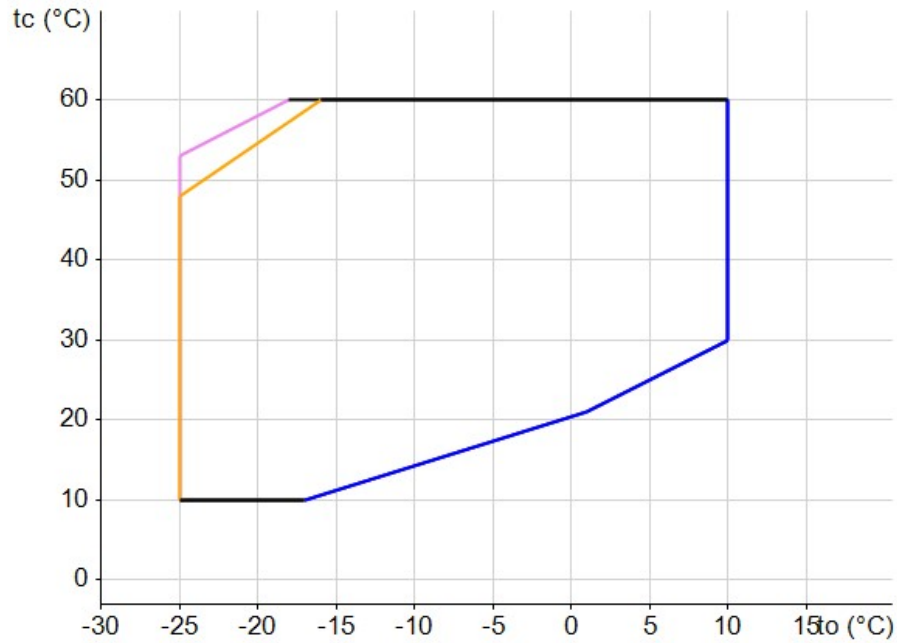




Minimum Evaporating Temp. With:

- 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	3.72	4.61	5.65	6.85	8.21	9.74	11.45	12.15	13.25
32.0	3.47	4.31	5.28	6.40	7.67	9.10	10.70	11.35	12.40
38.0	3.17	3.93	4.82	5.84	7.01	8.32	9.78	10.40	11.40
43.0	2.91	3.61	4.43	5.37	6.44	7.66	9.01	9.59	10.50
46.0	2.75	3.42	4.19	5.08	6.10	7.25	8.54	9.09	9.96
49.0		3.22	3.95	4.79	5.75	6.84			

50 Hz

ZXDY-040E-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	2.19	2.30	2.41	2.53	2.66	2.80	2.95	3.02	3.14
32.0	2.36	2.48	2.60	2.72	2.86	3.02	3.19	3.27	3.40
38.0	2.59	2.72	2.85	2.99	3.15	3.32	3.52	3.61	3.75
43.0	2.80	2.93	3.08	3.23	3.41	3.60	3.82	3.92	4.08
46.0	2.92	3.07	3.22	3.39	3.58	3.78	4.02	4.12	4.29
49.0		3.21	3.37	3.55	3.75	3.98			

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	3.83	3.96	4.10	4.25	4.41	4.59	4.79	4.88	5.03
32.0	4.05	4.18	4.33	4.49	4.67	4.87	5.10	5.20	5.37
38.0	4.33	4.48	4.65	4.83	5.03	5.27	5.53	5.65	5.84
43.0	4.58	4.76	4.94	5.15	5.38	5.64	5.94	6.07	6.28
46.0	4.74	4.93	5.13	5.35	5.60	5.88	6.20	6.34	6.57
49.0		5.11	5.33	5.57	5.84	6.14			

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	25.60	31.40	38.30	46.20	55.30	65.70	77.50	82.60	90.80
32.0	25.20	31.00	37.70	45.50	54.50	64.70	76.40	81.40	89.50
38.0	24.80	30.50	37.00	44.60	53.40	63.50	74.90	79.90	88.00
43.0	24.40	30.00	36.40	43.80	52.40	62.30	73.70	78.60	86.60
46.0	24.10	29.60	36.00	43.30	51.80	61.60	72.90	77.80	85.80
49.0		29.30	35.50	42.80	51.10	60.90			

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