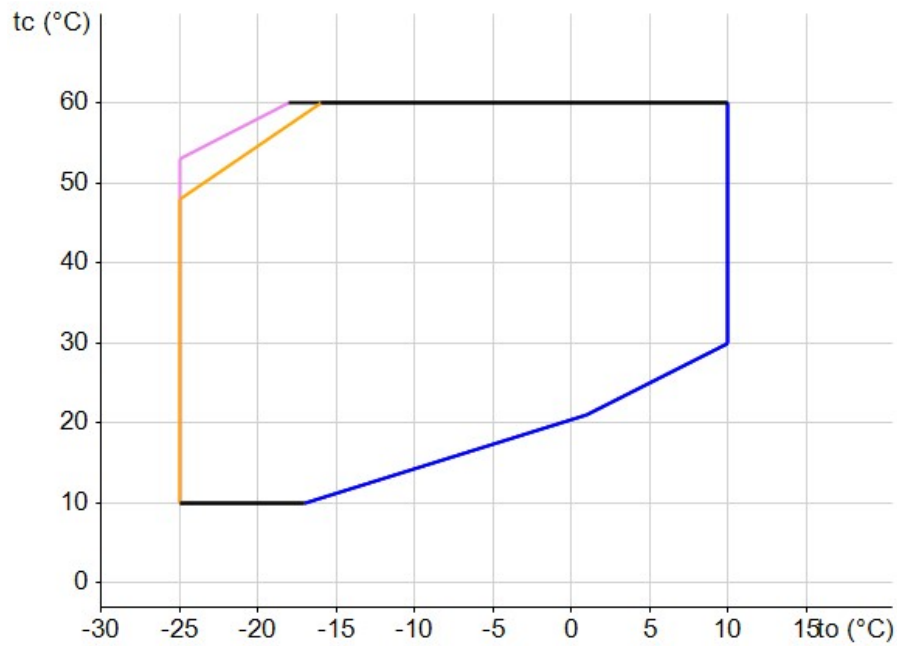




Minimum Evaporating Temp. With:

- 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	2.79	3.45	4.21	5.07	6.04	7.11	8.26	8.75	9.51
32.0	2.60	3.22	3.93	4.73	5.63	6.62	7.71	8.16	8.87
38.0	2.37	2.93	3.58	4.31	5.13	6.04	7.02	7.44	8.09
43.0	2.18	2.69	3.28	3.95	4.70	5.54	6.44	6.83	
46.0	2.06	2.55	3.10	3.74	4.44	5.23			
49.0		2.40	2.92	3.51					

50 Hz

ZXDY-030E-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	1.68	1.76	1.86	1.96	2.10	2.25	2.43	2.51	2.65
32.0	1.82	1.90	2.00	2.12	2.26	2.42	2.62	2.71	2.86
38.0	2.01	2.10	2.21	2.33	2.48	2.66	2.88	2.98	3.14
43.0	2.19	2.28	2.39	2.53	2.69	2.89	3.13	3.23	
46.0	2.30	2.40	2.51	2.66	2.83	3.04			
49.0		2.52	2.64	2.79					

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	3.44	3.55	3.67	3.80	3.96	4.15	4.37	4.47	4.63
32.0	3.63	3.73	3.85	3.99	4.16	4.36	4.59	4.70	4.88
38.0	3.86	3.97	4.10	4.25	4.43	4.64	4.91	5.02	5.22
43.0	4.07	4.19	4.32	4.48	4.68	4.91	5.20	5.32	
46.0	4.21	4.32	4.46	4.63	4.84	5.09			
49.0		4.47	4.61	4.79					

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	19.55	24.10	29.30	35.30	42.20	50.00	58.90	62.70	68.80
32.0	19.35	23.80	28.90	34.80	41.60	49.30	58.00	61.80	67.90
38.0	19.05	23.40	28.40	34.20	40.80	48.30	56.90	60.70	66.70
43.0	18.80	23.10	28.00	33.60	40.10	47.50	56.00	59.70	
46.0	18.65	22.80	27.70	33.20	39.60	47.00			
49.0		22.60	27.40	32.90					

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