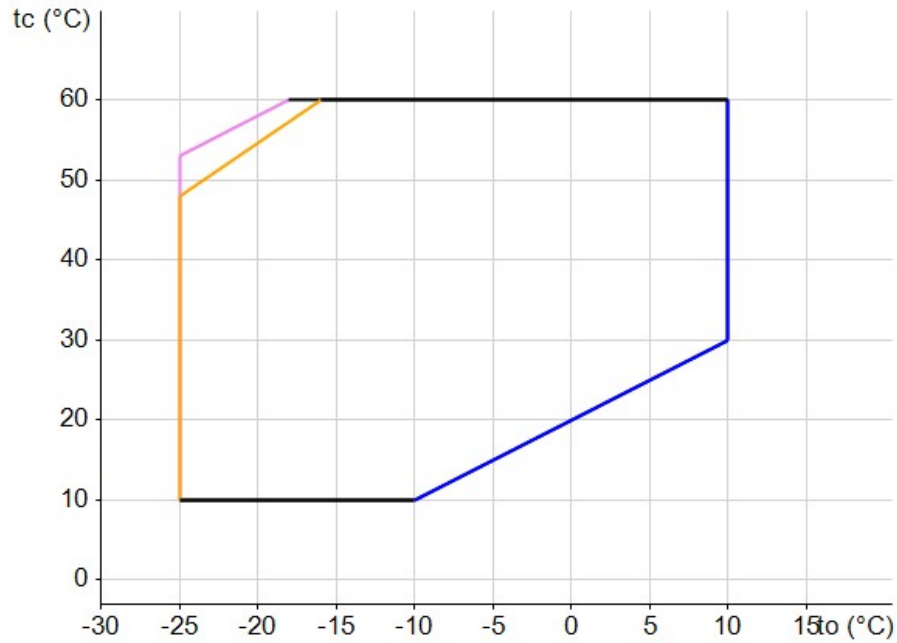


50 Hz

ZXMY-050E-TFD

R454C Arith. Mean Temp.



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	4.62	5.72	6.98	8.41	10.05	11.85	13.80	14.65	15.95
32.0	4.30	5.33	6.51	7.86	9.37	11.05	12.90	13.70	14.95
38.0	3.91	4.85	5.94	7.17	8.57	10.15	11.85	12.55	13.70
43.0	3.58	4.45	5.45	6.59	7.88	9.33	10.90	11.60	12.65
46.0	3.38	4.20	5.15	6.24	7.46	8.84	10.35		
49.0		3.96	4.85	5.88	7.04				

50 Hz

ZXMY-050E-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	2.59	2.75	2.92	3.11	3.31	3.54	3.79	3.89	4.07
32.0	2.79	2.96	3.14	3.34	3.56	3.80	4.07	4.18	4.37
38.0	3.07	3.25	3.44	3.65	3.88	4.15	4.44	4.57	4.77
43.0	3.31	3.50	3.71	3.93	4.18	4.46	4.78	4.92	5.14
46.0	3.46	3.66	3.87	4.11	4.37	4.67	5.00		
49.0		3.82	4.05	4.30	4.57				

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	5.96	6.10	6.24	6.41	6.60	6.82	7.08	7.19	7.38
32.0	6.14	6.28	6.44	6.63	6.84	7.09	7.37	7.50	7.71
38.0	6.37	6.54	6.72	6.93	7.18	7.46	7.79	7.93	8.17
43.0	6.59	6.78	6.99	7.23	7.50	7.81	8.18	8.34	8.60
46.0	6.74	6.94	7.16	7.42	7.71	8.05	8.43		
49.0		7.11	7.35	7.63	7.94				

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	32.00	39.30	47.80	57.50	68.70	81.30	95.60	102.00	112.00
32.0	31.50	38.80	47.10	56.70	67.70	80.30	94.50	100.50	110.50
38.0	30.90	38.00	46.20	55.70	66.50	78.90	93.00	99.20	109.00
43.0	30.30	37.30	45.40	54.70	65.40	77.70	91.70	97.90	108.00
46.0	30.00	36.90	44.90	54.10	64.70	76.90	90.90		
49.0		36.50	44.30	53.50	64.00				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_a/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	41
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	10.1
Compressor Locked Rotor Current, A	64

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
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