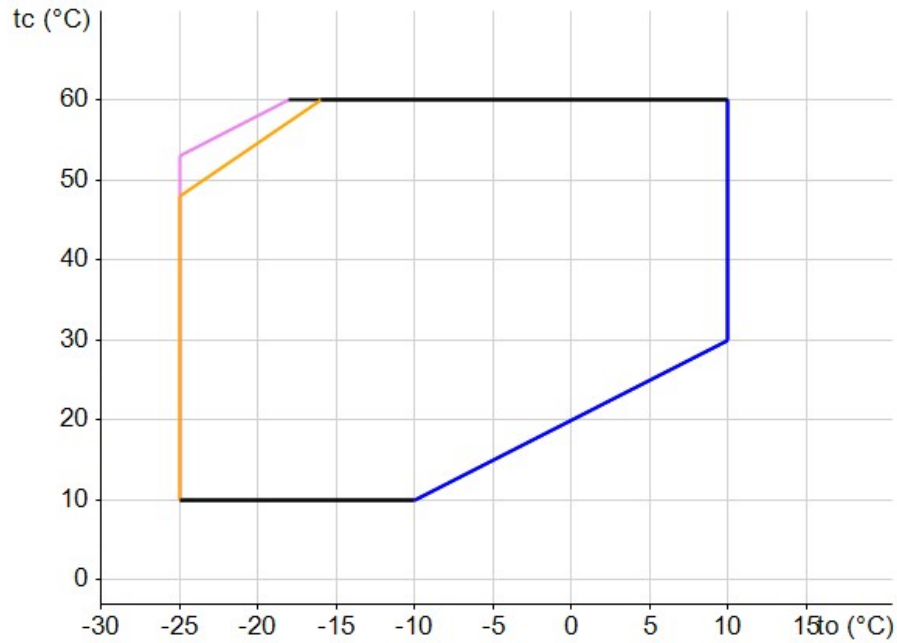


50 Hz

ZXMY-020E-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	1.85	2.31	2.83	3.42	4.10	4.85	5.67	6.02	6.57
32.0	1.72	2.14	2.63	3.19	3.83	4.53	5.31	5.64	6.16
38.0	1.56	1.95	2.40	2.92	3.50	4.15	4.87	5.18	5.66
43.0	1.42	1.78	2.20	2.68	3.22	3.83	4.50	4.79	5.24
46.0	1.34	1.68	2.08	2.54	3.05	3.63	4.27	4.55	4.98
49.0		1.58	1.96	2.39	2.88	3.43			

50 Hz

ZXMY-020E-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	1.12	1.18	1.25	1.33	1.41	1.50	1.60	1.64	1.71
32.0	1.20	1.27	1.34	1.42	1.51	1.60	1.71	1.76	1.83
38.0	1.30	1.38	1.46	1.55	1.64	1.74	1.86	1.90	1.98
43.0	1.40	1.48	1.57	1.66	1.76	1.87	1.98	2.04	2.12
46.0	1.46	1.55	1.64	1.73	1.84	1.94	2.07	2.12	2.20
49.0		1.62	1.71	1.81	1.92	2.03			

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	2.37	2.43	2.50	2.57	2.66	2.76	2.87	2.92	3.00
32.0	2.45	2.51	2.59	2.67	2.77	2.88	3.00	3.05	3.14
38.0	2.55	2.63	2.71	2.81	2.92	3.04	3.17	3.23	3.33
43.0	2.65	2.74	2.83	2.94	3.06	3.19	3.34	3.40	3.50
46.0	2.72	2.81	2.91	3.02	3.15	3.29	3.44	3.51	3.62
49.0		2.89	2.99	3.11	3.25	3.39			

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	12.70	15.65	19.10	23.00	27.50	32.60	38.30	40.80	44.70
32.0	12.45	15.40	18.80	22.70	27.10	32.10	37.80	40.20	44.10
38.0	12.15	15.05	18.40	22.20	26.60	31.50	37.10	39.60	43.50
43.0	11.85	14.75	18.00	21.80	26.10	31.00	36.60	39.00	42.90
46.0	11.70	14.55	17.80	21.50	25.80	30.70	36.30	38.70	42.60
49.0		14.35	17.55	21.30	25.50	30.40			

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0545-00_2/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	76
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1
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	37
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	4.2
Compressor Locked Rotor Current, A	26

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