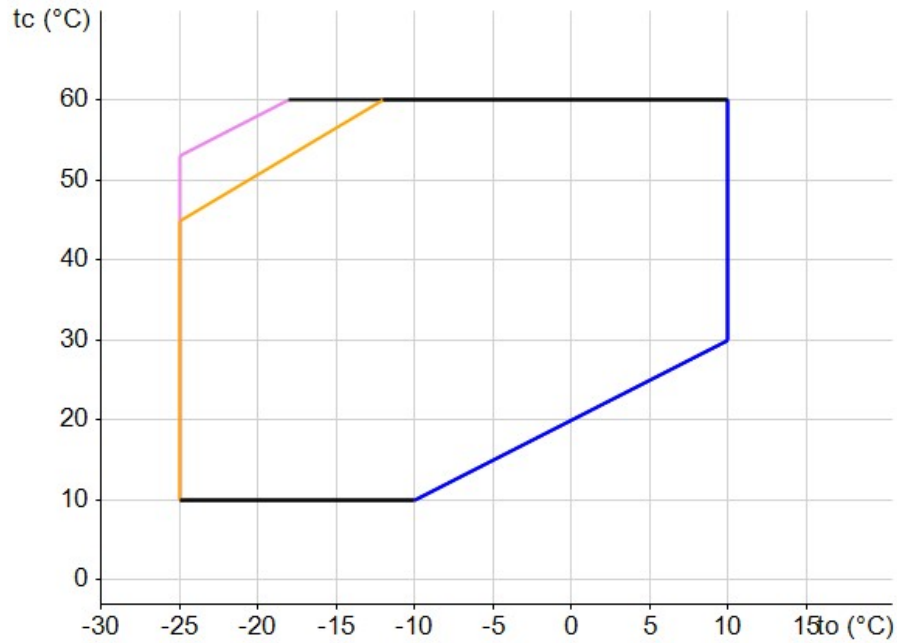


50 Hz

ZXMY-040E-TFD

R455A 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	4.10	4.99	6.00	7.15	8.44	9.86	11.40	12.05	13.05
32.0	3.83	4.65	5.59	6.65	7.85	9.16	10.60	11.20	12.15
38.0	3.48	4.23	5.08	6.04	7.12	8.32	9.62	10.15	11.00
43.0	3.18	3.87	4.65	5.53	6.51	7.60			
46.0	3.00	3.65	4.39	5.21	6.14				
49.0		3.43	4.12	4.89					

50 Hz

ZXMY-040E-TFD

R455A 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	2.34	2.50	2.67	2.85	3.05	3.27	3.51	3.62	3.79
32.0	2.54	2.71	2.89	3.09	3.30	3.53	3.79	3.90	4.08
38.0	2.81	3.00	3.19	3.41	3.63	3.88	4.16	4.28	4.47
43.0	3.06	3.27	3.48	3.70	3.95	4.21			
46.0	3.23	3.44	3.66	3.90	4.15				
49.0		3.63	3.86	4.11					

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	4.79	4.96	5.15	5.35	5.58	5.83	6.11	6.24	6.43
32.0	5.00	5.19	5.40	5.62	5.87	6.14	6.44	6.57	6.77
38.0	5.30	5.52	5.75	5.99	6.26	6.55	6.87	7.00	7.22
43.0	5.60	5.83	6.08	6.34	6.63	6.93			
46.0	5.79	6.04	6.30	6.57	6.86				
49.0		6.26	6.53	6.81					

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	27.50	33.40	40.20	48.10	57.30	67.70	79.70	84.90	93.20
32.0	27.20	33.00	39.60	47.40	56.30	66.60	78.30	83.50	91.70
38.0	26.70	32.40	38.90	46.40	55.10	65.10	76.70	81.80	90.00
43.0	26.30	31.80	38.20	45.50	54.00	63.90			
46.0	25.90	31.50	37.80	45.00	53.40				
49.0		31.10	37.30	44.50					

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0547-00_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	91
Receiver Capacity, l	3.9
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	38
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	7.8
Compressor Locked Rotor Current, A	50

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