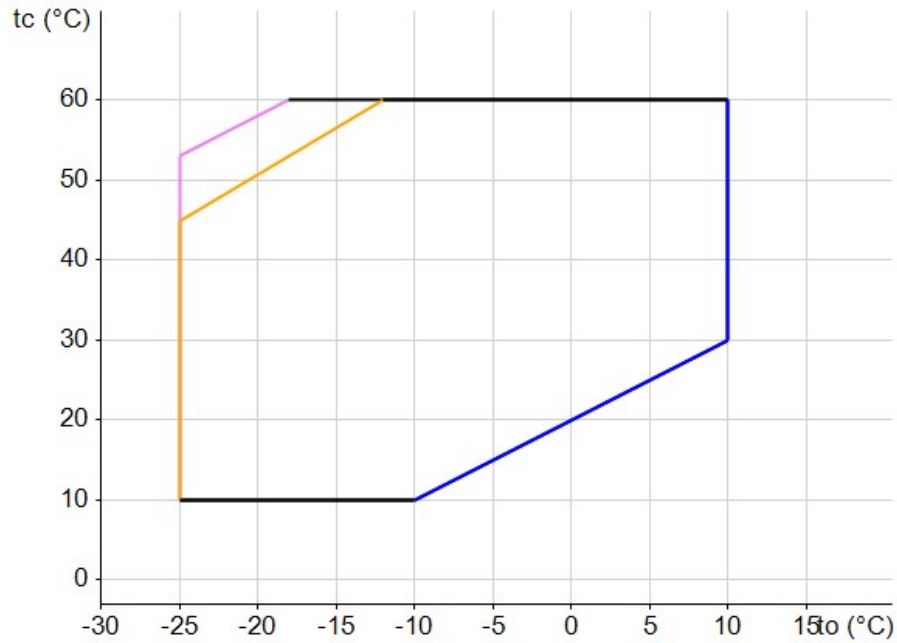


50 Hz

ZXMY-075E-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	7.57	9.19	11.05	13.10	15.35	17.80	20.50	21.60	23.30
32.0	7.04	8.56	10.25	12.20	14.30	16.60	19.05	20.10	21.70
38.0	6.40	7.77	9.32	11.05	13.00	15.10	17.35		
43.0	5.85	7.11	8.52	10.10	11.85				
46.0	5.51	6.70	8.03	9.53					
49.0		6.28	7.53						

50 Hz

ZXMY-075E-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	4.29	4.64	5.02	5.43	5.88	6.37	6.90	7.13	7.48
32.0	4.65	5.02	5.42	5.85	6.32	6.83	7.38	7.61	7.98
38.0	5.13	5.53	5.96	6.41	6.90	7.43	8.00		
43.0	5.59	6.01	6.45	6.93	7.43				
46.0	5.89	6.32	6.78	7.26					
49.0		6.65	7.12						

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	7.71	8.15	8.64	9.17	9.76	10.39	11.09	11.38	11.83
32.0	8.16	8.64	9.16	9.72	10.33	10.99	11.70	12.00	12.46
38.0	8.78	9.30	9.86	10.45	11.09	11.78	12.51		
43.0	9.38	9.93	10.51	11.13	11.79				
46.0	9.77	10.34	10.94	11.57					
49.0		10.78	11.40						

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	51.50	62.60	75.40	90.20	107.00	126.50	148.50	158.00	173.50
32.0	50.80	61.70	74.40	88.90	105.50	124.50	146.50	156.00	171.50
38.0	49.90	60.60	73.00	87.20	103.50	122.50	144.50		
43.0	49.10	59.60	71.80	85.80	102.00				
46.0	48.60	59.00	71.00	84.90					
49.0		58.40	70.20						

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0544-00_1/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	118
Receiver Capacity, l	5.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.77
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	15.9
Compressor Locked Rotor Current, A	102

ACCESSORIES INCLUDED

Crankcase Heater	40 W External
Liquid sight glass	ALCO MIA 012
Compressor contactor	18 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