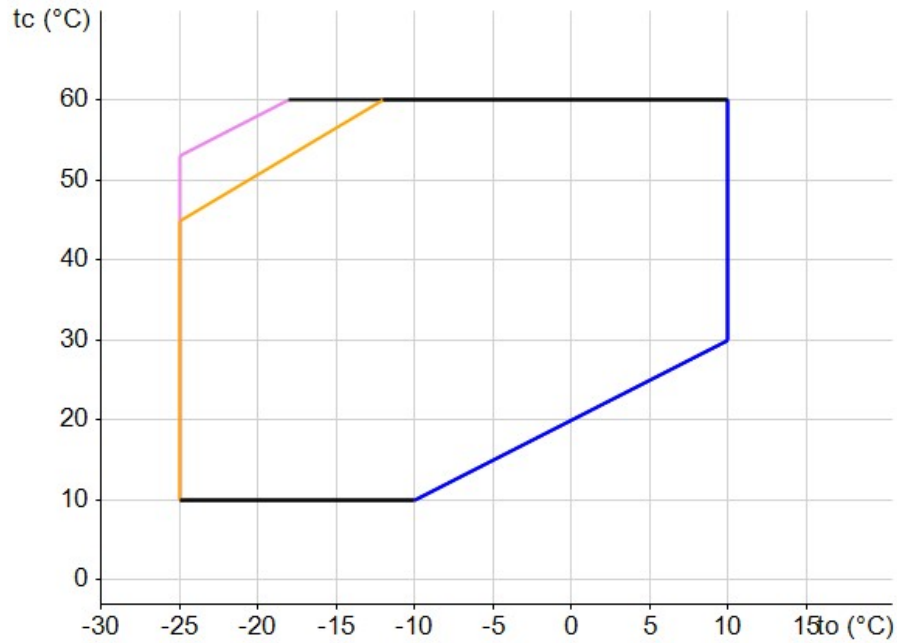


50 Hz

ZXMY-050E-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	5.18	6.32	7.62	9.09	10.75	12.55	14.50	15.30	16.60
32.0	4.83	5.89	7.11	8.48	10.00	11.70	13.55	14.30	15.50
38.0	4.40	5.37	6.48	7.73	9.13	10.70	12.40	13.10	14.20
43.0	4.03	4.93	5.94	7.09	8.38	9.82	11.40		
46.0	3.81	4.66	5.62	6.70	7.93	9.29			
49.0		4.38	5.28	6.31					

50 Hz

ZXMY-050E-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	2.86	3.07	3.30	3.55	3.81	4.10	4.41	4.55	4.76
32.0	3.09	3.32	3.56	3.82	4.10	4.40	4.72	4.86	5.07
38.0	3.40	3.65	3.90	4.18	4.47	4.78	5.12	5.27	5.49
43.0	3.69	3.95	4.22	4.51	4.81	5.14	5.49		
46.0	3.89	4.15	4.43	4.72	5.03	5.37			
49.0		4.37	4.65	4.95					

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	6.20	6.38	6.59	6.82	7.09	7.40	7.75	7.91	8.16
32.0	6.40	6.61	6.84	7.10	7.39	7.73	8.12	8.29	8.56
38.0	6.69	6.92	7.19	7.48	7.81	8.19	8.61	8.80	9.10
43.0	6.97	7.24	7.53	7.85	8.22	8.63	9.09		
46.0	7.17	7.45	7.76	8.11	8.49	8.92			
49.0		7.69	8.02	8.38					

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	34.50	42.00	50.70	60.70	72.20	85.30	100.00	106.50	117.00
32.0	34.10	41.40	50.00	59.80	71.20	84.10	98.90	105.50	115.50
38.0	33.50	40.70	49.10	58.70	69.90	82.70	97.40	104.00	114.00
43.0	32.90	40.10	48.30	57.80	68.80	81.50	96.10		
46.0	32.60	39.60	47.80	57.20	68.10	80.70			
49.0		39.20	47.20	56.60					

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