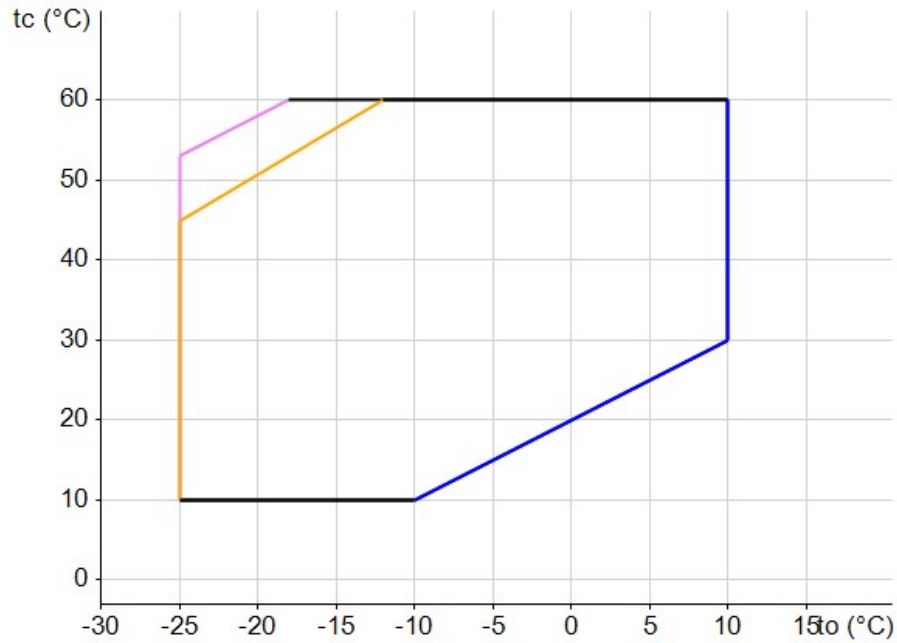


50 Hz

ZXMY-030E-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	2.90	3.55	4.30	5.14	6.08	7.10	8.19	8.66	9.36
32.0	2.70	3.31	4.01	4.79	5.65	6.60	7.63	8.06	8.72
38.0	2.46	3.01	3.64	4.35	5.14	6.00	6.94	7.33	7.94
43.0	2.25	2.76	3.33	3.98	4.70	5.49	6.35		
46.0	2.12	2.60	3.14	3.75	4.43	5.18			
49.0		2.44	2.95	3.52					

50 Hz

ZXMY-030E-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	1.66	1.76	1.86	1.99	2.13	2.30	2.49	2.57	2.71
32.0	1.80	1.90	2.01	2.15	2.30	2.47	2.67	2.76	2.91
38.0	2.00	2.10	2.22	2.36	2.52	2.71	2.92	3.01	3.17
43.0	2.19	2.30	2.42	2.57	2.74	2.93	3.15		
46.0	2.32	2.43	2.56	2.71	2.88	3.08			
49.0		2.57	2.70	2.85					

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	2.87	2.99	3.13	3.29	3.47	3.69	3.95	4.07	4.25
32.0	3.04	3.17	3.32	3.49	3.69	3.93	4.20	4.32	4.52
38.0	3.29	3.43	3.59	3.78	3.99	4.25	4.54	4.68	4.89
43.0	3.54	3.69	3.86	4.06	4.29	4.56	4.87		
46.0	3.71	3.86	4.04	4.25	4.49	4.76			
49.0		4.06	4.24	4.45					

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	19.30	23.60	28.50	34.20	40.70	48.00	56.30	59.90	65.60
32.0	19.05	23.20	28.10	33.60	40.00	47.20	55.30	58.90	64.50
38.0	18.70	22.80	27.50	32.90	39.10	46.10	54.20	57.70	63.30
43.0	18.40	22.40	27.00	32.30	38.30	45.20	53.20		
46.0	18.20	22.10	26.60	31.80	37.80	44.70			
49.0		21.90	26.30	31.40					

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_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	79
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m³/s	1.05
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	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	5.5
Compressor Locked Rotor Current, A	32

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