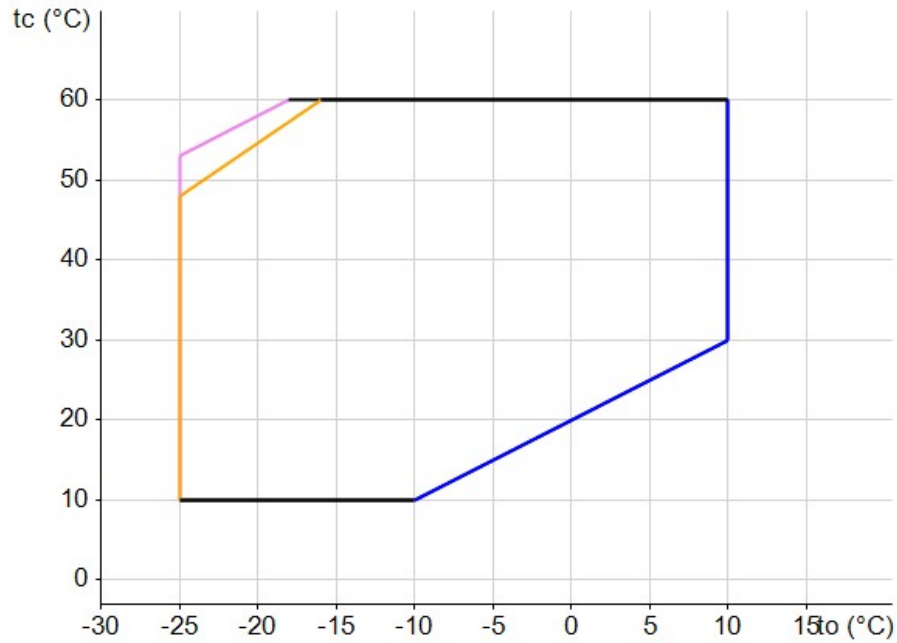


50 Hz

ZXMY-040E-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	3.65	4.51	5.51	6.64	7.92	9.34	10.90	11.55	12.60
32.0	3.40	4.20	5.13	6.19	7.39	8.71	10.15	10.80	11.75
38.0	3.09	3.83	4.67	5.64	6.73	7.94	9.27	9.84	10.70
43.0	2.83	3.51	4.28	5.17	6.17	7.28	8.51	9.04	
46.0	2.67	3.31	4.04	4.88	5.82	6.88			
49.0		3.11	3.80	4.59	5.48				

50 Hz

ZXMY-040E-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	2.12	2.24	2.36	2.50	2.64	2.81	3.00	3.09	3.22
32.0	2.30	2.42	2.55	2.70	2.86	3.04	3.25	3.35	3.50
38.0	2.53	2.66	2.81	2.97	3.15	3.36	3.60	3.70	3.87
43.0	2.73	2.88	3.04	3.22	3.42	3.65	3.91	4.02	
46.0	2.86	3.02	3.19	3.38	3.60	3.84			
49.0		3.16	3.35	3.55	3.77				

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	4.58	4.69	4.82	4.96	5.12	5.30	5.51	5.61	5.77
32.0	4.75	4.88	5.02	5.17	5.35	5.56	5.80	5.91	6.09
38.0	4.99	5.13	5.30	5.48	5.69	5.92	6.20	6.32	6.52
43.0	5.21	5.37	5.56	5.77	6.00	6.27	6.58	6.71	
46.0	5.35	5.53	5.73	5.95	6.21	6.49			
49.0		5.70	5.91	6.15	6.42				

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	25.50	31.30	38.10	45.90	54.90	65.10	76.70	81.70	89.80
32.0	25.10	30.90	37.50	45.20	54.00	64.10	75.60	80.60	88.50
38.0	24.70	30.30	36.80	44.30	52.90	62.80	74.10	79.00	87.00
43.0	24.30	29.80	36.10	43.50	51.90	61.70	72.80	77.70	
46.0	24.00	29.40	35.70	42.90	51.30	60.90			
49.0		29.10	35.20	42.40	50.60				

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