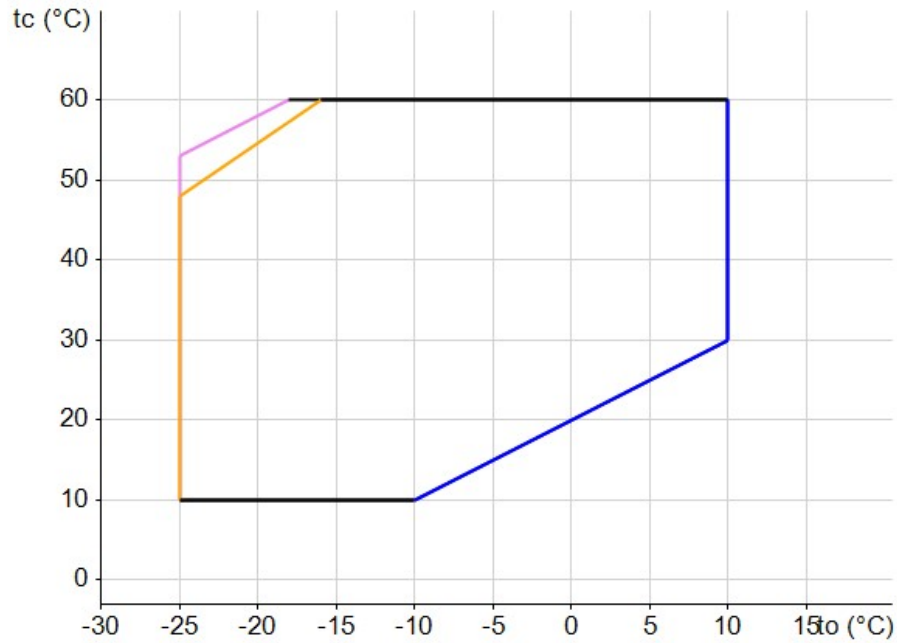


50 Hz

ZXMY-030E-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	2.57	3.19	3.91	4.73	5.66	6.69	7.83	8.31	9.05
32.0	2.40	2.98	3.65	4.42	5.29	6.25	7.31	7.76	8.46
38.0	2.20	2.73	3.34	4.04	4.83	5.71	6.68	7.10	7.74
43.0	2.02	2.51	3.07	3.71	4.44	5.25	6.15	6.53	7.13
46.0	1.92	2.38	2.91	3.52	4.20	4.98	5.83		
49.0		2.24	2.74	3.31	3.96	4.69			

50 Hz

ZXMY-030E-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	1.50	1.58	1.66	1.74	1.85	1.98	2.12	2.19	2.29
32.0	1.64	1.70	1.78	1.88	1.99	2.13	2.28	2.36	2.47
38.0	1.80	1.88	1.96	2.06	2.19	2.33	2.51	2.59	2.72
43.0	1.96	2.03	2.13	2.24	2.37	2.53	2.72	2.81	2.95
46.0	2.06	2.14	2.24	2.35	2.49	2.66	2.86		
49.0		2.25	2.35	2.47	2.62	2.80			

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	2.69	2.77	2.86	2.97	3.11	3.27	3.46	3.55	3.70
32.0	2.84	2.92	3.02	3.14	3.29	3.47	3.68	3.78	3.94
38.0	3.05	3.14	3.25	3.38	3.55	3.74	3.98	4.09	4.27
43.0	3.25	3.34	3.46	3.61	3.79	4.01	4.27	4.39	4.58
46.0	3.37	3.48	3.61	3.76	3.95	4.18	4.46		
49.0		3.62	3.76	3.93	4.13	4.37			

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	17.80	21.90	26.70	32.20	38.60	45.80	54.00	57.50	63.20
32.0	17.60	21.70	26.40	31.80	38.00	45.10	53.20	56.70	62.30
38.0	17.35	21.30	25.90	31.20	37.30	44.30	52.20	55.70	61.20
43.0	17.15	21.00	25.50	30.70	36.70	43.50	51.40	54.80	60.30
46.0	17.00	20.80	25.30	30.40	36.30	43.10	50.80		
49.0		20.60	25.00	30.10	35.90	42.60			

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