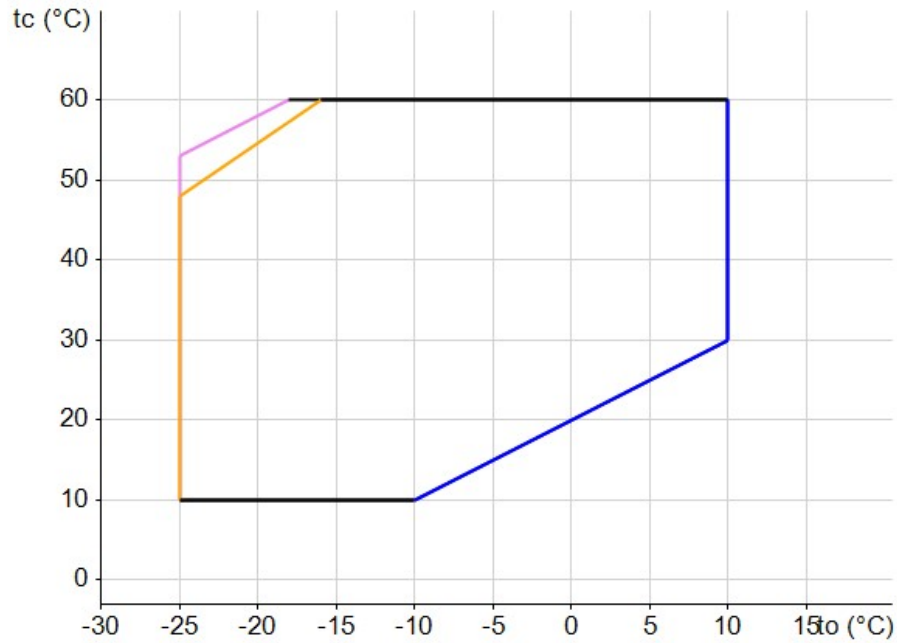




Minimum Evaporating Temp. With:

- 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	6.74	8.30	10.10	12.10	14.35	16.80	19.45	20.60	22.30
32.0	6.26	7.72	9.39	11.25	13.35	15.65	18.15	19.20	20.80
38.0	5.67	7.01	8.53	10.25	12.15	14.25	16.55	17.50	19.00
43.0	5.18	6.41	7.80	9.38	11.15	13.10			
46.0	4.88	6.04	7.36	8.85	10.50				
49.0		5.67	6.91	8.32					

50 Hz

ZXMY-075E-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	3.87	4.14	4.43	4.75	5.11	5.50	5.95	6.15	6.47
32.0	4.19	4.48	4.78	5.12	5.49	5.91	6.39	6.61	6.95
38.0	4.61	4.91	5.23	5.60	6.00	6.46	6.98	7.21	7.57
43.0	4.97	5.29	5.64	6.03	6.46	6.95			
46.0	5.20	5.53	5.90	6.30	6.75				
49.0		5.78	6.16	6.58					

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	7.23	7.53	7.88	8.28	8.73	9.25	9.86	10.12	10.55
32.0	7.59	7.93	8.31	8.74	9.24	9.81	10.46	10.75	11.22
38.0	8.09	8.47	8.89	9.38	9.93	10.55	11.27	11.59	12.09
43.0	8.55	8.97	9.44	9.97	10.56	11.24			
46.0	8.85	9.29	9.79	10.35	10.98				
49.0		9.64	10.16	10.75					

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	47.70	58.60	71.10	85.50	102.00	120.50	142.00	151.00	165.50
32.0	47.00	57.70	70.10	84.30	100.50	119.00	140.00	149.00	164.00
38.0	46.00	56.60	68.70	82.60	98.60	117.00	138.00	147.00	161.50
43.0	45.20	55.50	67.40	81.10	96.90	115.00			
46.0	44.70	54.90	66.60	80.20	95.90				
49.0		54.20	65.80	79.30					

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