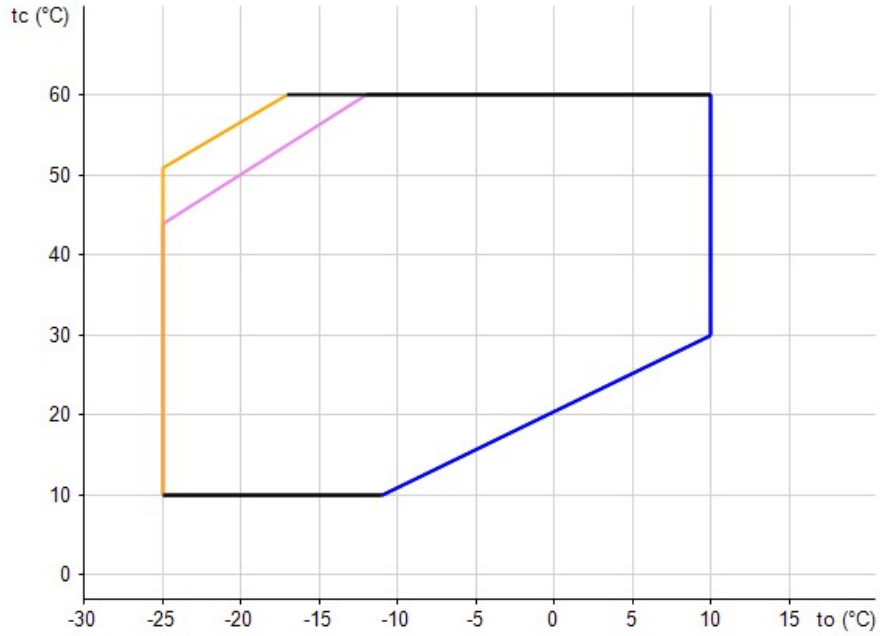


Minimum Evaporating Temp. With:

25 °C Suction Gas Return | 10 K Suction Superheat

Maximum Evaporating Temperature | Maximum Pressure Limit

Suction Superheat 10.0K | Liquid Subcooling 2.0K

Evaporating Temperature, °C

Ambient	Cooling Capacity, kW								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	2.72	3.38	4.15	5.02	6.01	7.11	8.32	8.83	9.63
32.0	2.51	3.12	3.83	4.64	5.55	6.57	7.69	8.16	8.90
38.0	2.25	2.80	3.44	4.16	4.98	5.90	6.91	7.34	8.01
43.0	2.03	2.53	3.10	3.75	4.49	5.32	6.24	6.63	7.24
46.0		2.35	2.89	3.50	4.19	4.97	5.83		
49.0		2.18	2.67	3.24	3.88				

Ambient	Total Power Input, kW								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	1.80	1.86	1.95	2.04	2.15	2.28	2.43	2.50	2.61
32.0	1.94	2.02	2.11	2.21	2.32	2.46	2.62	2.69	2.80
38.0	2.15	2.23	2.32	2.42	2.55	2.70	2.87	2.94	3.06
43.0	2.35	2.43	2.52	2.63	2.76	2.92	3.10	3.18	3.31
46.0		2.56	2.66	2.77	2.91	3.06	3.25		
49.0		2.70	2.80	2.92	3.06				

Ambient	Current at 400 V, A								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	3.04	3.13	3.23	3.36	3.50	3.67	3.87	3.96	4.11
32.0	3.23	3.33	3.44	3.57	3.72	3.91	4.12	4.22	4.38
38.0	3.50	3.60	3.72	3.86	4.03	4.23	4.47	4.57	4.75
43.0	3.76	3.87	3.99	4.15	4.33	4.54	4.80	4.91	5.09
46.0		4.05	4.18	4.34	4.52	4.75	5.01		
49.0		4.24	4.38	4.54	4.74				

Ambient	Mass Flow, g/s								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	24.50	30.10	36.60	44.10	52.80	62.60	73.80	78.60	86.40
32.0	24.30	29.90	36.30	43.70	52.20	62.00	73.00	77.80	85.50
38.0	24.10	29.60	35.90	43.20	51.50	61.10	72.10	76.90	84.60
43.0	24.00	29.40	35.50	42.70	50.90	60.40	71.40	76.20	84.00
46.0		29.20	35.30	42.40	50.60	60.10	71.10		
49.0		29.10	35.10	42.10	50.30				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	1.05
Total Fan Power Input, W	121
Height, mm	840
Depth/Width, mm	1035/446
Suction Diameter, inch	3/4
Liquid Line, inch	1/2
Suction Type	Cu Tube
High Side PS gauge, bar	31
Receiver Capacity, l	3.9
Low Side PS gauge, bar	22
Net Weight, kg	79
Sound Pressure @ 10m (MT), dBA	37
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz
PED Category	I (A1) and II (A2L)

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