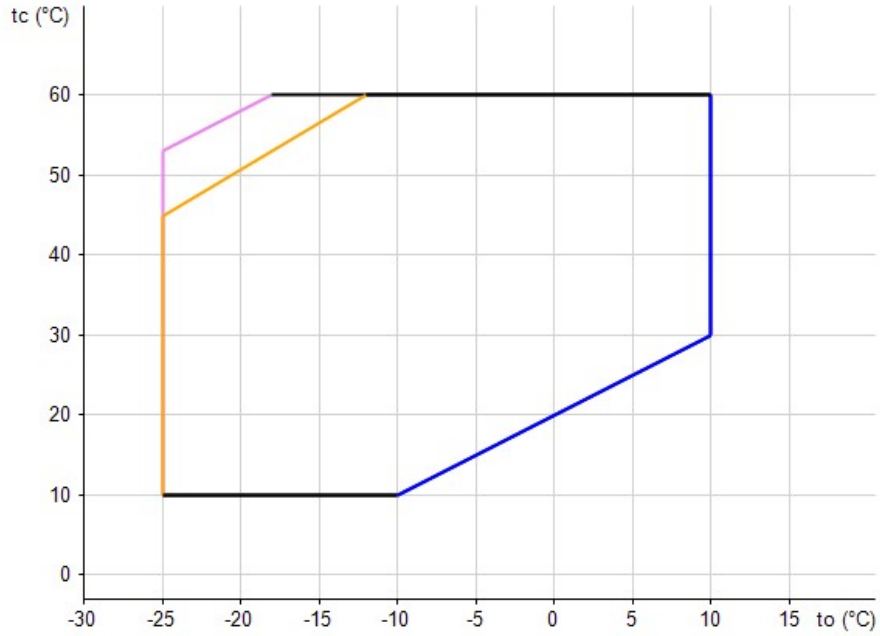


Minimum Evaporating Temp. With:

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	Cooling Capacity, kW								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	2.42	2.99	3.66	4.42	5.28	6.23	7.28	7.72	8.41
32.0	2.27	2.82	3.44	4.15	4.95	5.84	6.82	7.23	7.87
38.0	2.09	2.59	3.16	3.81	4.54	5.35	6.24	6.62	7.21
43.0	1.94	2.40	2.92	3.52	4.19	4.93			
46.0		2.28	2.77	3.33					
49.0			2.62						

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	1.58	1.67	1.76	1.88	2.01	2.16	2.33	2.41	2.53
32.0	1.72	1.82	1.92	2.04	2.17	2.33	2.51	2.60	2.73
38.0	1.92	2.02	2.13	2.26	2.40	2.57	2.77	2.85	2.99
43.0	2.12	2.22	2.33	2.47	2.62	2.80			
46.0		2.35	2.47	2.61					
49.0			2.62						

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	2.78	2.88	3.00	3.14	3.31	3.50	3.73	3.84	4.00
32.0	2.95	3.06	3.20	3.35	3.53	3.74	3.98	4.09	4.27
38.0	3.20	3.33	3.47	3.64	3.83	4.06	4.33	4.45	4.64
43.0	3.46	3.59	3.74	3.92	4.13	4.37			
46.0		3.77	3.92	4.11					
49.0			4.13						

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	16.15	19.90	24.20	29.30	35.10	41.80	49.40	52.70	57.90
32.0	16.10	19.80	24.10	29.10	34.80	41.40	48.90	52.10	57.40
38.0	16.00	19.65	23.90	28.80	34.40	40.90	48.20	51.50	56.70
43.0	15.90	19.55	23.70	28.50	34.00	40.40			
46.0		19.45	23.60	28.30					
49.0			23.40						

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