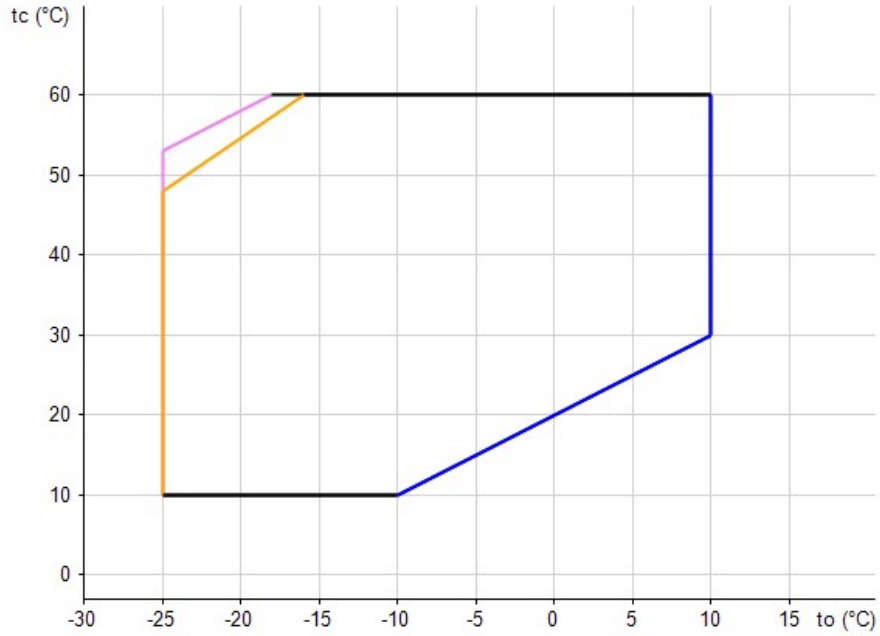


Minimum Evaporating Temp. With:

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	3.26	4.05	4.96	6.02	7.22	8.56	10.05	10.65	11.65
32.0	3.05	3.79	4.65	5.64	6.76	8.02	9.41	10.00	10.95
38.0	2.80	3.48	4.27	5.17	6.20	7.35	8.62	9.17	10.00
43.0	2.58	3.21	3.93	4.76	5.71	6.77	7.95		
46.0		3.04	3.73	4.51	5.41				
49.0		2.87	3.52	4.26					

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	2.05	2.17	2.29	2.42	2.56	2.72	2.89	2.97	3.10
32.0	2.24	2.36	2.48	2.62	2.77	2.95	3.14	3.23	3.37
38.0	2.47	2.60	2.74	2.89	3.06	3.26	3.48	3.58	3.74
43.0	2.67	2.82	2.97	3.14	3.33	3.55	3.79		
46.0		2.95	3.12	3.30	3.50				
49.0		3.10	3.27	3.47					

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	4.52	4.63	4.75	4.88	5.02	5.19	5.39	5.48	5.62
32.0	4.69	4.81	4.94	5.09	5.26	5.45	5.67	5.77	5.94
38.0	4.92	5.06	5.22	5.39	5.58	5.81	6.07	6.18	6.37
43.0	5.14	5.30	5.48	5.67	5.89	6.15	6.44		
46.0		5.46	5.65	5.86	6.10				
49.0		5.62	5.83	6.06					

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	22.80	28.10	34.30	41.50	49.90	59.40	70.20	75.00	82.50
32.0	22.70	27.90	34.10	41.20	49.40	58.80	69.50	74.20	81.70
38.0	22.40	27.60	33.70	40.60	48.70	57.90	68.50	73.20	80.70
43.0	22.20	27.30	33.30	40.10	48.00	57.20	67.70		
46.0		27.20	33.00	39.80	47.60				
49.0		27.00	32.70	39.40					

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0547-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	0.97
Total Fan Power Input, W	121
Height, mm	840
Depth/Width, mm	1035/446
Suction Diameter, inch	7/8
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	91
Sound Pressure @ 10m (MT), dBA	39
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz
PED Category	I (A1) & II (A2L)
PED Category	I (A1) and II (A2L)

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