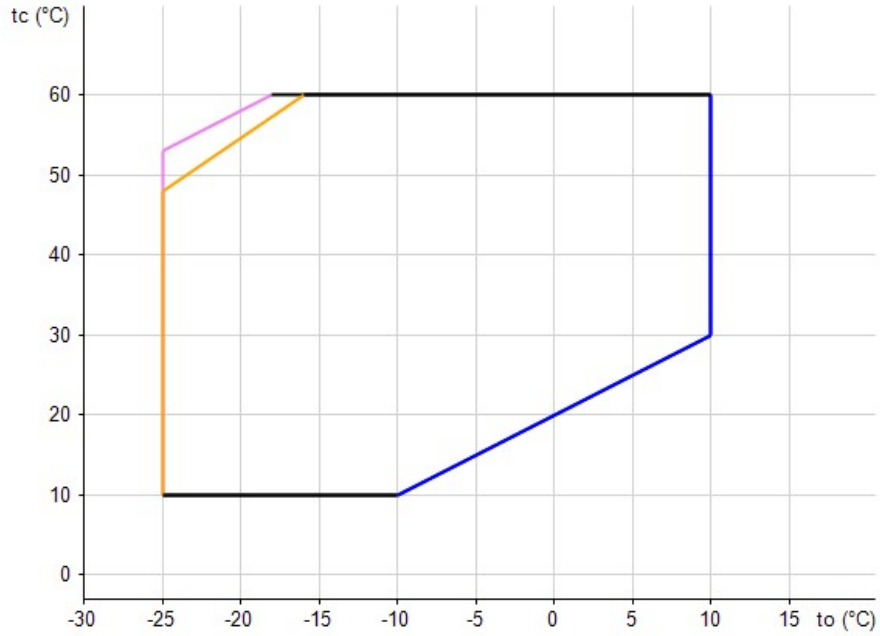


Minimum Evaporating Temp. With:

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	2.29	2.86	3.52	4.28	5.14	6.11	7.19	7.65	8.37
32.0	2.15	2.69	3.30	4.02	4.83	5.74	6.75	7.18	7.85
38.0	1.98	2.47	3.04	3.69	4.44	5.27	6.20	6.60	7.22
43.0	1.84	2.29	2.81	3.42	4.10	4.87	5.73	6.10	
46.0	1.74	2.18	2.68	3.25	3.90	4.63			
49.0		2.06	2.53	3.07					

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	1.47	1.54	1.61	1.69	1.79	1.90	2.04	2.10	2.19
32.0	1.60	1.66	1.74	1.82	1.93	2.05	2.20	2.26	2.37
38.0	1.78	1.84	1.92	2.01	2.13	2.26	2.42	2.49	2.61
43.0	1.93	2.00	2.08	2.19	2.31	2.46	2.63	2.71	
46.0	2.03	2.10	2.19	2.30	2.43	2.59			
49.0		2.21	2.31	2.42					

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	2.65	2.72	2.81	2.91	3.03	3.18	3.35	3.43	3.56
32.0	2.80	2.88	2.97	3.08	3.21	3.37	3.56	3.65	3.80
38.0	3.01	3.09	3.19	3.31	3.46	3.64	3.86	3.96	4.12
43.0	3.21	3.30	3.41	3.54	3.71	3.91	4.15	4.26	
46.0	3.34	3.43	3.55	3.69	3.87	4.08			
49.0		3.58	3.70	3.86					

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	15.95	19.65	24.10	29.10	35.00	41.70	49.30	52.70	58.00
32.0	15.85	19.55	23.90	28.90	34.70	41.30	48.80	52.10	57.40
38.0	15.75	19.45	23.70	28.60	34.30	40.80	48.20	51.50	56.70
43.0	15.65	19.30	23.50	28.30	33.90	40.30	47.70	50.90	
46.0	15.60	19.20	23.30	28.10	33.60	40.00			
49.0		19.10	23.20	27.90					

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