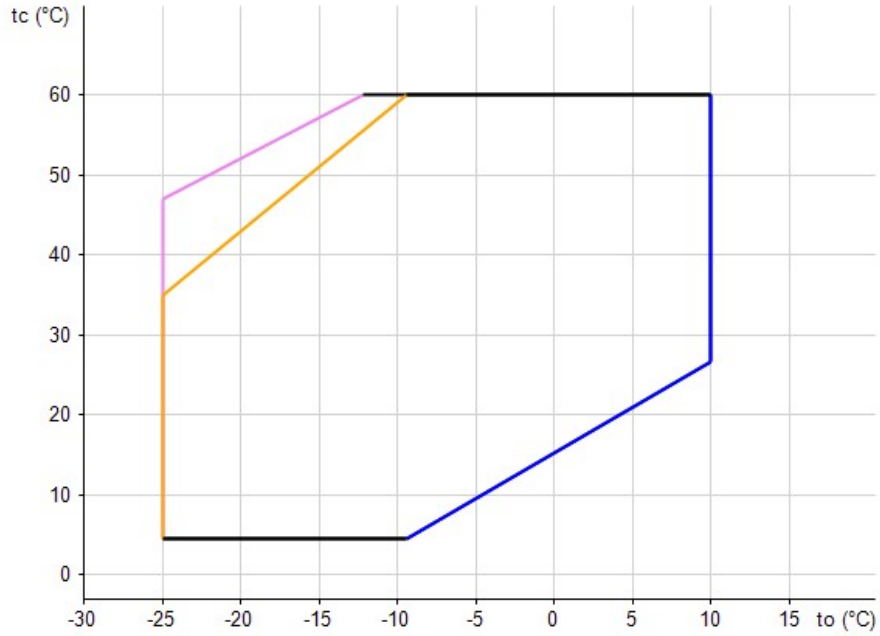


Minimum Evaporating Temp. With:

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	1.88	2.36	2.92	3.56	4.29	5.11	6.02	6.41	7.03
32.0	1.76	2.21	2.74	3.35	4.03	4.81	5.67	6.03	6.61
38.0	1.60	2.03	2.52	3.08	3.71	4.43	5.23	5.57	6.11
43.0		1.88	2.33	2.85	3.44	4.11	4.85	5.17	5.68
46.0			2.22	2.71	3.28	3.91	4.63	4.93	
49.0			2.10	2.57	3.11				

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	1.18	1.25	1.33	1.42	1.52	1.62	1.74	1.79	1.86
32.0	1.27	1.35	1.44	1.54	1.64	1.75	1.88	1.92	2.01
38.0	1.40	1.48	1.58	1.68	1.80	1.92	2.05	2.10	2.19
43.0		1.61	1.71	1.82	1.94	2.07	2.20	2.26	2.35
46.0			1.80	1.90	2.03	2.16	2.30	2.36	
49.0			1.88	2.00	2.12				

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	2.42	2.50	2.58	2.67	2.77	2.89	3.03	3.09	3.18
32.0	2.52	2.60	2.69	2.80	2.91	3.05	3.19	3.26	3.36
38.0	2.64	2.74	2.85	2.97	3.10	3.25	3.41	3.49	3.60
43.0		2.88	3.00	3.13	3.28	3.44	3.62	3.69	3.82
46.0			3.10	3.24	3.39	3.56	3.75	3.83	
49.0			3.20	3.35	3.51				

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	12.30	15.35	18.90	23.00	27.70	33.00	39.10	41.70	46.00
32.0	12.15	15.20	18.70	22.70	27.40	32.70	38.70	41.40	45.60
38.0	11.95	14.95	18.45	22.40	27.00	32.30	38.30	40.90	45.10
43.0		14.75	18.20	22.20	26.70	31.90	37.90	40.50	44.70
46.0			18.05	22.00	26.50	31.70	37.70	40.30	
49.0			17.95	21.80	26.30				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0545-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	1
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	76
Sound Pressure @ 10m (MT), dBA	36
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	4.2
Compressor Locked Rotor Current, A	26

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