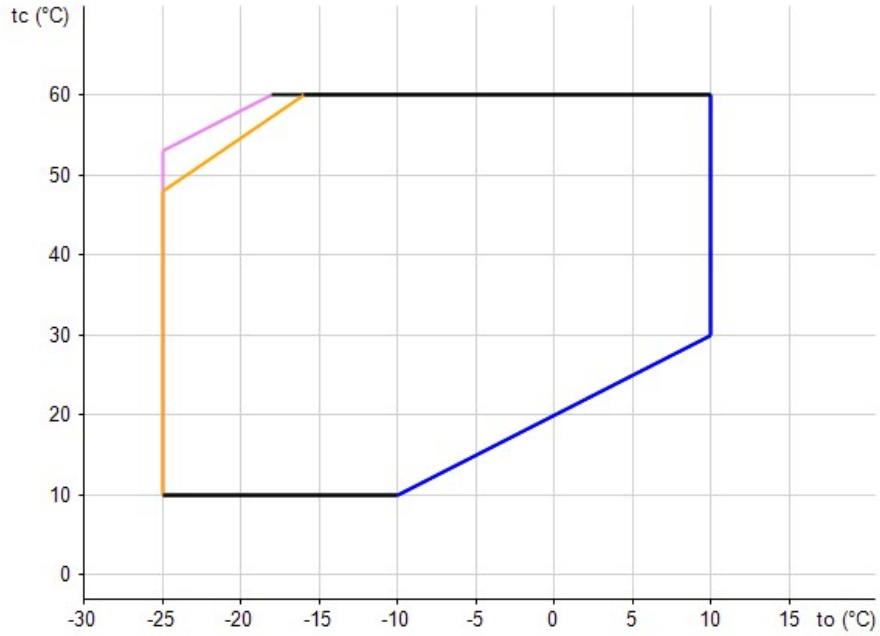


Minimum Evaporating Temp. With:

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	1.64	2.06	2.54	3.09	3.71	4.42	5.20	5.53	6.05
32.0	1.53	1.92	2.38	2.90	3.49	4.15	4.89	5.20	5.70
38.0	1.40	1.76	2.18	2.66	3.20	3.82	4.50	4.80	5.26
43.0	1.28	1.62	2.01	2.46	2.96	3.54	4.18	4.45	4.88
46.0	1.21	1.54	1.90	2.33	2.82	3.36	3.98		
49.0		1.44	1.80	2.21	2.67				

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	1.08	1.14	1.21	1.28	1.36	1.45	1.54	1.58	1.64
32.0	1.16	1.23	1.30	1.38	1.46	1.56	1.66	1.70	1.76
38.0	1.28	1.34	1.42	1.50	1.60	1.69	1.80	1.84	1.92
43.0	1.37	1.44	1.53	1.62	1.72	1.82	1.93	1.98	2.06
46.0	1.43	1.51	1.60	1.69	1.79	1.90	2.01		
49.0		1.58	1.67	1.76	1.87				

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	2.34	2.40	2.46	2.53	2.61	2.70	2.80	2.85	2.92
32.0	2.42	2.48	2.55	2.63	2.72	2.82	2.93	2.98	3.06
38.0	2.52	2.59	2.67	2.76	2.86	2.98	3.10	3.16	3.25
43.0	2.62	2.70	2.79	2.89	3.00	3.13	3.27	3.33	3.42
46.0	2.68	2.77	2.87	2.97	3.09	3.22	3.37		
49.0		2.85	2.95	3.06	3.19				

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	11.30	14.05	17.20	20.80	24.90	29.60	35.00	37.30	41.00
32.0	11.15	13.85	17.00	20.60	24.70	29.40	34.70	37.00	40.60
38.0	10.95	13.65	16.75	20.30	24.30	29.00	34.30	36.60	40.20
43.0	10.75	13.45	16.50	20.00	24.00	28.70	33.90	36.20	39.90
46.0	10.65	13.30	16.35	19.85	23.90	28.40	33.70		
49.0		13.20	16.20	19.65	23.70				

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