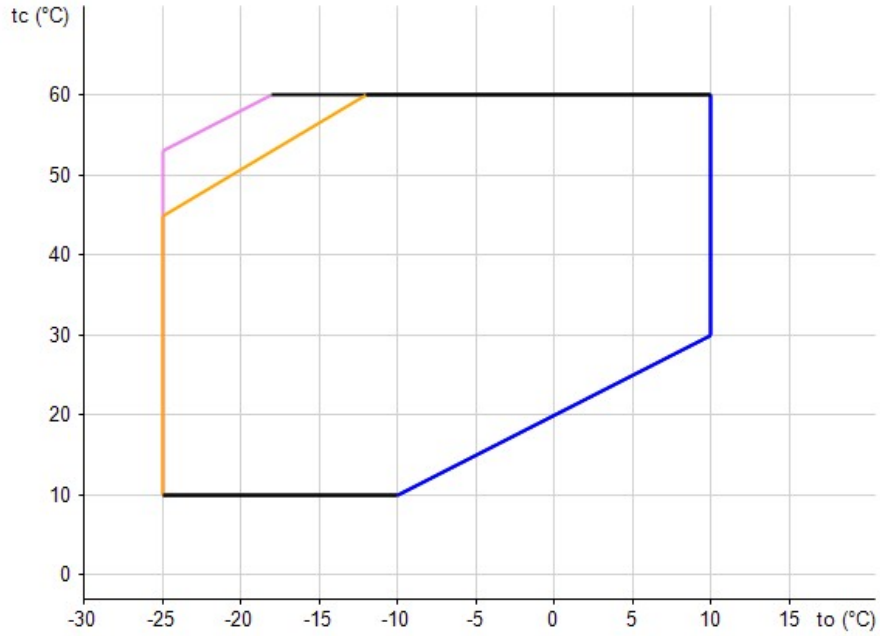


Minimum Evaporating Temp. With:

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	1.71	2.13	2.62	3.17	3.80	4.49	5.26	5.58	6.09
32.0	1.60	2.00	2.45	2.97	3.56	4.21	4.93	5.23	5.71
38.0	1.47	1.83	2.25	2.72	3.26	3.86	4.53	4.81	5.25
43.0	1.36	1.70	2.08	2.51	3.01	3.57			
46.0		1.61	1.98	2.39	2.86				
49.0		1.52	1.87						

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	1.16	1.24	1.33	1.42	1.52	1.63	1.74	1.79	1.86
32.0	1.25	1.34	1.44	1.54	1.64	1.75	1.87	1.92	1.99
38.0	1.37	1.48	1.58	1.68	1.79	1.90	2.03	2.08	2.15
43.0	1.49	1.60	1.70	1.82	1.92	2.04			
46.0		1.68	1.78	1.90	2.01				
49.0		1.76	1.88						

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	2.40	2.49	2.58	2.67	2.78	2.90	3.03	3.09	3.18
32.0	2.49	2.59	2.69	2.80	2.91	3.04	3.18	3.24	3.34
38.0	2.62	2.73	2.84	2.96	3.09	3.23	3.38	3.45	3.55
43.0	2.75	2.86	2.99	3.12	3.26	3.41			
46.0		2.96	3.09	3.22	3.37				
49.0		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	11.35	14.05	17.15	20.80	24.90	29.60	35.00	37.30	41.00
32.0	11.20	13.90	17.00	20.60	24.70	29.30	34.60	37.00	40.70
38.0	11.10	13.75	16.75	20.30	24.30	28.90	34.20	36.50	40.20
43.0	11.00	13.60	16.60	20.00	24.00	28.60			
46.0		13.55	16.50	19.90	23.90				
49.0		13.50	16.40						

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