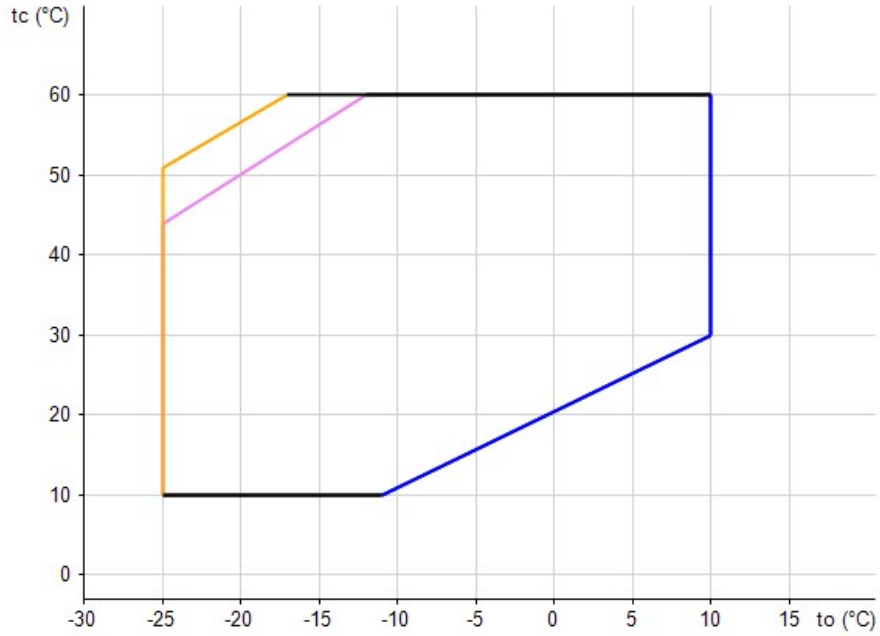


Minimum Evaporating Temp. With:

25 °C Suction Gas Return | 10 K Suction Superheat

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	2.00	2.50	3.09	3.75	4.51	5.36	6.30	6.70	7.33
32.0	1.84	2.31	2.85	3.47	4.17	4.96	5.84	6.21	6.80
38.0	1.64	2.07	2.56	3.12	3.76	4.48	5.28	5.62	6.16
43.0	1.48	1.86	2.31	2.82	3.40	4.06	4.80	5.11	5.61
46.0	1.37	1.74	2.16	2.64	3.19	3.81	4.50	4.80	5.27
49.0		1.61	2.00	2.45	2.97	3.55	4.21	4.49	

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	1.30	1.36	1.43	1.50	1.58	1.67	1.76	1.80	1.87
32.0	1.40	1.46	1.54	1.62	1.71	1.80	1.90	1.94	2.00
38.0	1.53	1.60	1.68	1.78	1.86	1.96	2.06	2.11	2.18
43.0	1.65	1.73	1.82	1.90	2.00	2.10	2.21	2.25	2.32
46.0	1.72	1.81	1.90	1.99	2.09	2.19	2.30	2.35	2.42
49.0		1.89	1.98	2.08	2.18	2.28	2.39	2.44	

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	2.54	2.61	2.68	2.76	2.85	2.95	3.06	3.11	3.19
32.0	2.64	2.72	2.80	2.89	2.99	3.10	3.22	3.28	3.36
38.0	2.79	2.87	2.97	3.07	3.18	3.30	3.43	3.49	3.58
43.0	2.92	3.02	3.12	3.24	3.35	3.48	3.63	3.69	3.78
46.0	3.01	3.11	3.22	3.34	3.47	3.60	3.75	3.81	3.91
49.0		3.22	3.33	3.45	3.58	3.72	3.87	3.94	

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	17.55	21.60	26.40	31.80	38.00	44.90	52.80	56.20	61.60
32.0	17.30	21.40	26.10	31.40	37.50	44.50	52.30	55.60	61.00
38.0	17.00	21.10	25.70	31.00	37.00	43.80	51.60	55.00	60.30
43.0	16.75	20.80	25.40	30.60	36.50	43.30	51.00	54.40	59.80
46.0	16.60	20.60	25.10	30.30	36.20	43.00	50.70	54.10	59.50
49.0		20.40	24.90	30.10	36.00	42.70	50.50	53.90	

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