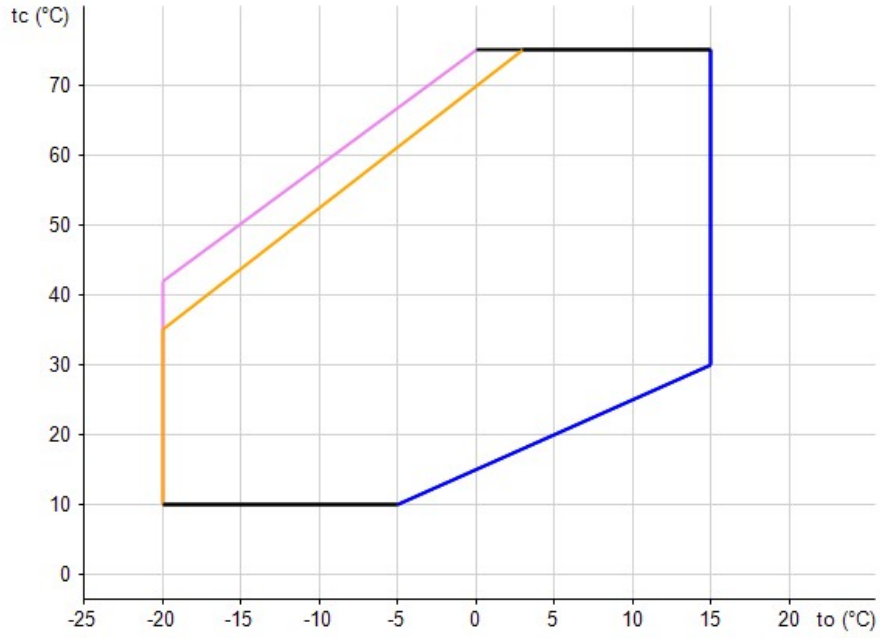


Minimum Evaporating Temp. With:

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	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	1.98	2.48	3.07	3.76	4.55	5.46	5.85	6.48	7.04	7.63
32.0	1.86	2.33	2.88	3.53	4.28	5.14	5.51	6.11	6.64	7.20
38.0		2.14	2.66	3.25	3.95	4.75	5.10	5.65	6.15	6.67
43.0		1.98	2.46	3.02	3.67	4.41	4.74	5.27	5.73	6.22
46.0			2.34	2.88	3.50	4.21	4.53	5.03	5.48	5.95
49.0			2.22	2.73	3.32	4.01	4.31	4.79	5.22	5.68

Ambient	Total Power Input, kW									
°C	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	1.07	1.12	1.18	1.24	1.31	1.39	1.42	1.48	1.52	1.58
32.0	1.14	1.19	1.25	1.32	1.40	1.48	1.51	1.57	1.62	1.68
38.0		1.29	1.36	1.43	1.50	1.60	1.64	1.70	1.75	1.81
43.0		1.39	1.46	1.54	1.62	1.72	1.76	1.82	1.88	1.94
46.0			1.52	1.60	1.69	1.79	1.84	1.90	1.96	2.02
49.0			1.60	1.68	1.77	1.88	1.92	1.99	2.05	2.12

Ambient	Current at 400 V, A									
°C	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	2.19	2.25	2.31	2.38	2.46	2.55	2.59	2.65	2.71	2.77
32.0	2.27	2.33	2.39	2.47	2.55	2.65	2.69	2.76	2.82	2.89
38.0		2.44	2.51	2.59	2.69	2.79	2.84	2.92	2.99	3.06
43.0		2.55	2.63	2.72	2.82	2.94	2.99	3.07	3.15	3.22
46.0			2.71	2.80	2.91	3.04	3.09	3.18	3.25	3.33
49.0			2.80	2.90	3.01	3.14	3.20	3.29	3.37	3.46

Ambient	Mass Flow, g/s									
°C	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5	15.0
27.0	17.10	20.90	25.40	30.60	36.60	43.40	46.40	51.20	55.40	59.90
32.0	17.05	20.90	25.30	30.50	36.40	43.20	46.20	50.90	55.10	59.60
38.0		20.80	25.20	30.30	36.20	42.90	45.90	50.60	54.80	59.20
43.0		20.70	25.10	30.20	36.00	42.70	45.60	50.30	54.50	58.90
46.0			25.00	30.10	35.90	42.50	45.40	50.10	54.30	58.70
49.0			24.90	29.90	35.70	42.30	45.30	49.90	54.10	58.60

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