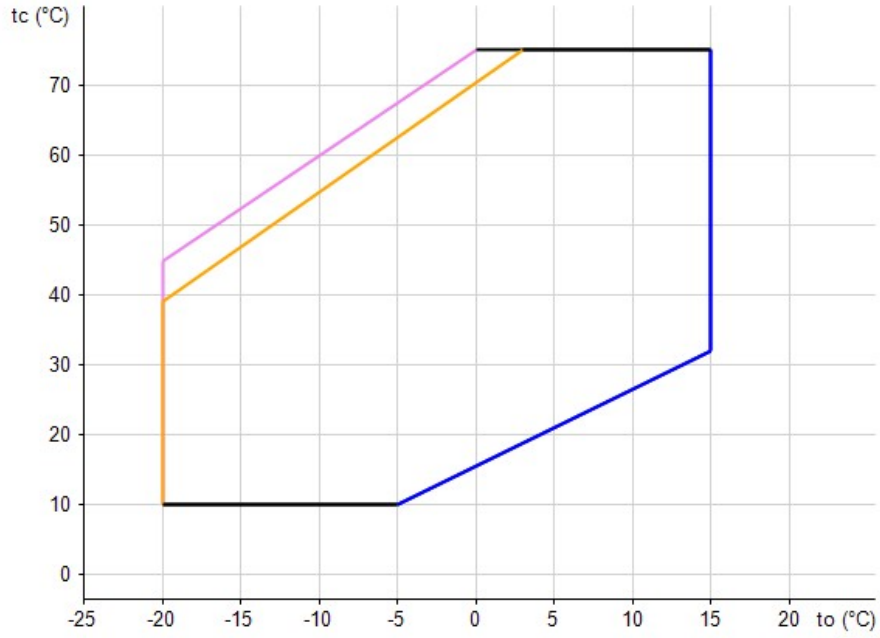


Minimum Evaporating Temp. With:

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	2.14	2.67	3.32	4.07	4.94	5.93	6.36	7.03	7.63	8.26
32.0	2.01	2.51	3.11	3.82	4.63	5.56	5.96	6.60	7.16	7.75
38.0	1.86	2.32	2.86	3.51	4.26	5.11	5.48	6.07	6.59	7.14
43.0		2.15	2.66	3.25	3.94	4.74	5.08	5.63	6.12	6.63
46.0		2.05	2.53	3.10	3.75	4.51	4.84	5.36	5.83	6.32
49.0			2.41	2.94	3.56	4.28	4.59	5.09	5.54	6.00

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	1.12	1.16	1.22	1.28	1.35	1.44	1.48	1.54	1.60	1.66
32.0	1.23	1.27	1.32	1.38	1.46	1.54	1.59	1.66	1.72	1.78
38.0	1.37	1.41	1.46	1.52	1.60	1.70	1.74	1.81	1.87	1.94
43.0		1.54	1.60	1.66	1.74	1.84	1.88	1.95	2.02	2.09
46.0		1.64	1.68	1.75	1.83	1.93	1.97	2.05	2.11	2.18
49.0			1.78	1.84	1.92	2.03	2.07	2.15	2.21	2.29

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	2.25	2.30	2.35	2.42	2.50	2.61	2.65	2.73	2.80	2.87
32.0	2.37	2.41	2.47	2.54	2.63	2.74	2.79	2.87	2.94	3.02
38.0	2.53	2.57	2.63	2.71	2.80	2.92	2.97	3.06	3.14	3.22
43.0		2.73	2.79	2.87	2.97	3.09	3.15	3.24	3.32	3.42
46.0		2.84	2.90	2.98	3.08	3.21	3.27	3.36	3.45	3.54
49.0			3.02	3.10	3.21	3.33	3.39	3.49	3.58	3.68

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	16.75	20.60	25.20	30.60	36.90	44.10	47.20	52.20	56.60	61.30
32.0	16.70	20.50	25.00	30.30	36.50	43.50	46.60	51.50	55.90	60.60
38.0	16.60	20.40	24.80	30.00	36.00	42.90	45.90	50.70	55.00	59.60
43.0		20.30	24.60	29.60	35.50	42.20	45.20	49.90	54.20	58.70
46.0		20.20	24.50	29.40	35.20	41.90	44.80	49.50	53.70	58.10
49.0			24.30	29.20	34.90	41.50	44.30	49.00	53.10	57.50

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