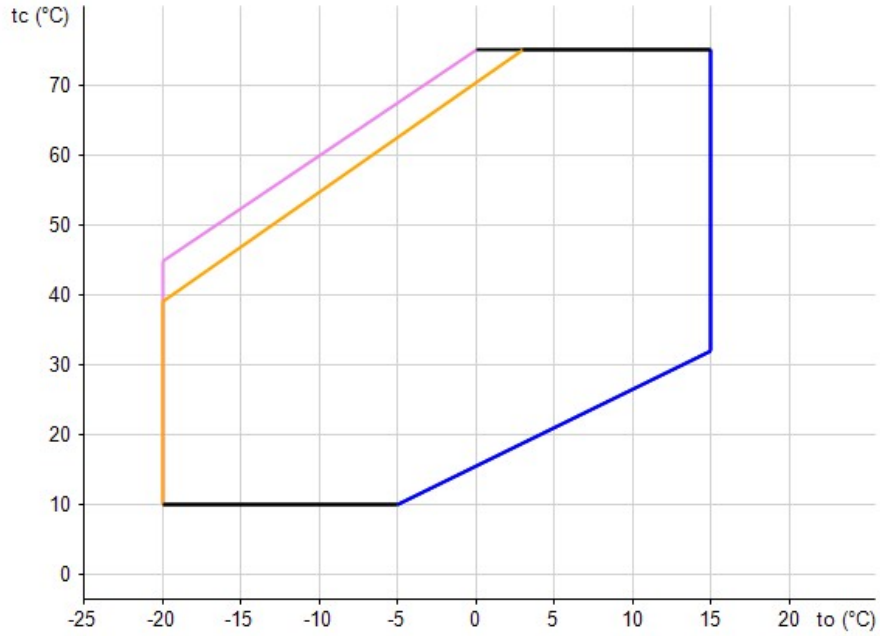


Minimum Evaporating Temp. With:

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	3.04	3.80	4.71	5.77	7.00	8.39	9.00	9.95	10.80	11.65
32.0	2.85	3.56	4.41	5.41	6.56	7.87	8.44	9.34	10.15	10.95
38.0	2.63	3.27	4.05	4.96	6.02	7.23	7.76	8.59	9.33	10.10
43.0		3.04	3.75	4.59	5.57	6.69	7.18	7.96	8.65	9.38
46.0		2.89	3.57	4.36	5.30	6.37	6.84	7.58	8.24	8.94
49.0			3.39	4.14	5.02	6.04	6.49	7.20	7.83	8.49

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	1.56	1.62	1.70	1.78	1.88	1.98	2.03	2.10	2.16	2.23
32.0	1.70	1.78	1.86	1.94	2.04	2.15	2.20	2.27	2.34	2.41
38.0	1.90	1.98	2.06	2.16	2.26	2.38	2.43	2.51	2.58	2.66
43.0		2.17	2.25	2.35	2.46	2.59	2.64	2.72	2.80	2.88
46.0		2.29	2.38	2.48	2.59	2.72	2.78	2.86	2.94	3.02
49.0			2.51	2.61	2.73	2.86	2.92	3.01	3.09	3.17

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	4.06	4.11	4.17	4.24	4.32	4.42	4.46	4.52	4.58	4.65
32.0	4.18	4.24	4.31	4.38	4.47	4.57	4.62	4.69	4.76	4.83
38.0	4.35	4.42	4.49	4.58	4.68	4.79	4.84	4.92	4.99	5.07
43.0		4.59	4.67	4.77	4.87	5.00	5.05	5.14	5.22	5.31
46.0		4.70	4.79	4.89	5.01	5.14	5.19	5.29	5.37	5.46
49.0			4.92	5.03	5.15	5.28	5.35	5.44	5.53	5.62

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	23.90	29.50	36.00	43.70	52.60	62.80	67.30	74.40	80.70	87.30
32.0	23.80	29.20	35.70	43.20	52.00	62.10	66.50	73.50	79.80	86.40
38.0	23.60	28.90	35.20	42.60	51.20	61.10	65.40	72.40	78.50	85.10
43.0		28.70	34.80	42.10	50.50	60.20	64.50	71.30	77.40	83.90
46.0		28.70	34.60	41.70	50.00	59.60	63.80	70.60	76.70	83.10
49.0			34.40	41.40	49.50	59.00	63.20	69.90	75.90	82.30

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0547-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	0.97
Total Fan Power Input, W	121
Height, mm	840
Depth/Width, mm	1035/446
Suction Diameter, inch	7/8
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	91
Sound Pressure @ 10m (MT), dBA	39
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz
PED Category	I (A1) & II (A2L)
PED Category	I (A1) and II (A2L)

CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Compressor Maximum Operating Current, A	7.8
Compressor Locked Rotor Current, A	50

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