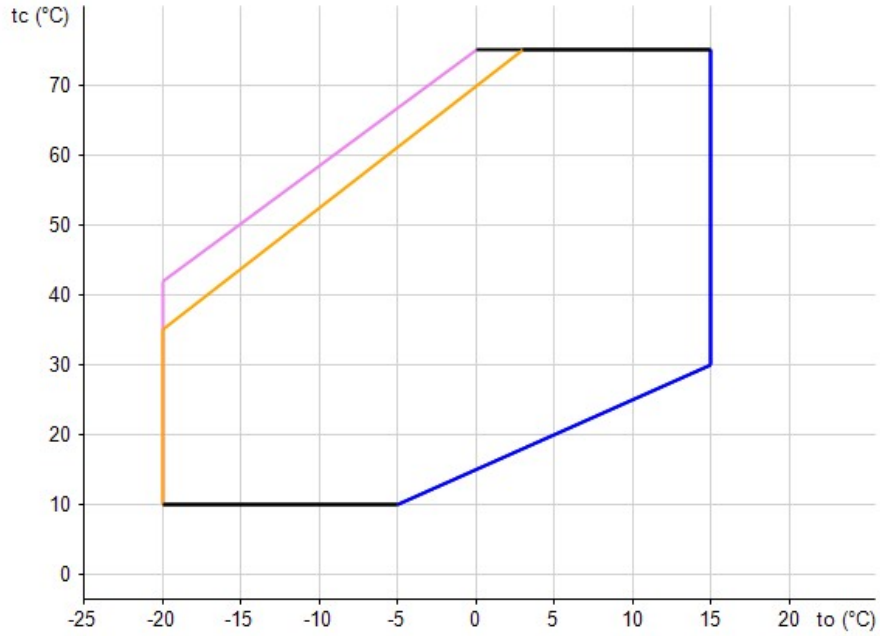


Minimum Evaporating Temp. With:

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	2.81	3.49	4.30	5.24	6.32	7.56	8.09	8.95	9.70	10.50
32.0	2.62	3.27	4.03	4.92	5.94	7.11	7.61	8.42	9.13	9.89
38.0		3.00	3.71	4.53	5.47	6.55	7.03	7.78	8.44	9.15
43.0		2.77	3.43	4.19	5.07	6.08	6.53	7.23	7.86	8.52
46.0			3.25	3.98	4.83	5.80	6.22	6.90	7.50	8.14
49.0			3.08	3.78	4.58	5.51	5.92	6.56	7.14	7.75

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	1.50	1.58	1.66	1.74	1.84	1.94	1.98	2.05	2.10	2.17
32.0	1.61	1.69	1.78	1.87	1.96	2.07	2.12	2.19	2.26	2.33
38.0		1.84	1.94	2.04	2.14	2.26	2.31	2.40	2.47	2.54
43.0		1.98	2.09	2.20	2.31	2.44	2.50	2.59	2.67	2.75
46.0			2.19	2.30	2.43	2.56	2.62	2.72	2.80	2.89
49.0			2.29	2.41	2.55	2.69	2.75	2.85	2.94	3.03

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	4.05	4.11	4.17	4.23	4.31	4.40	4.44	4.50	4.56	4.62
32.0	4.13	4.19	4.26	4.34	4.42	4.52	4.57	4.64	4.71	4.78
38.0		4.32	4.40	4.49	4.59	4.71	4.76	4.85	4.92	5.01
43.0		4.45	4.54	4.64	4.76	4.89	4.95	5.05	5.14	5.23
46.0			4.64	4.75	4.87	5.02	5.08	5.18	5.28	5.38
49.0			4.75	4.86	5.00	5.15	5.22	5.33	5.43	5.54

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	24.50	29.90	36.20	43.60	52.00	61.70	65.90	72.70	78.70	85.20
32.0	24.40	29.80	36.10	43.40	51.80	61.40	65.60	72.40	78.40	84.80
38.0		29.70	35.90	43.10	51.40	61.00	65.20	71.90	77.90	84.30
43.0		29.50	35.70	42.90	51.10	60.60	64.80	71.50	77.50	83.90
46.0			35.60	42.70	50.90	60.40	64.60	71.30	77.30	83.70
49.0			35.40	42.50	50.70	60.20	64.30	71.00	77.00	83.50

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