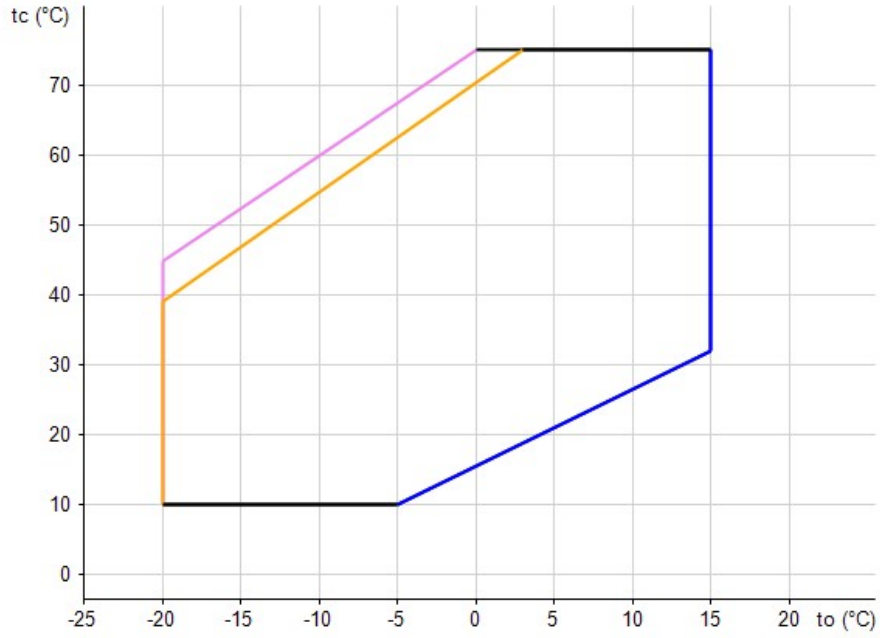


Minimum Evaporating Temp. With:

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	2.48	3.12	3.86	4.74	5.75	6.90	7.41	8.21	8.92	9.67
32.0	2.33	2.94	3.66	4.49	5.46	6.56	7.04	7.81	8.49	9.21
38.0	2.16	2.73	3.40	4.19	5.10	6.14	6.60	7.32	7.96	8.65
43.0		2.55	3.19	3.93	4.80	5.78	6.22	6.91	7.52	8.17
46.0		2.45	3.06	3.78	4.61	5.57	5.99	6.66	7.25	7.88
49.0			2.93	3.62	4.43	5.35	5.76	6.41	6.98	7.59

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	1.23	1.29	1.36	1.42	1.50	1.58	1.61	1.66	1.72	1.76
32.0	1.32	1.39	1.46	1.54	1.62	1.71	1.75	1.81	1.86	1.92
38.0	1.44	1.52	1.60	1.69	1.78	1.88	1.93	2.00	2.06	2.12
43.0		1.64	1.73	1.82	1.93	2.04	2.09	2.17	2.23	2.30
46.0		1.71	1.81	1.92	2.02	2.14	2.19	2.27	2.34	2.41
49.0			1.89	2.00	2.12	2.25	2.30	2.38	2.46	2.53

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	3.85	3.89	3.93	3.98	4.03	4.09	4.12	4.17	4.21	4.25
32.0	3.91	3.96	4.01	4.07	4.13	4.21	4.24	4.29	4.34	4.39
38.0	3.99	4.05	4.12	4.19	4.27	4.36	4.40	4.46	4.52	4.58
43.0		4.14	4.22	4.31	4.40	4.51	4.55	4.63	4.69	4.77
46.0		4.20	4.29	4.38	4.49	4.60	4.66	4.74	4.81	4.89
49.0			4.37	4.47	4.58	4.71	4.76	4.85	4.93	5.01

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	17.55	21.70	26.50	32.20	38.60	46.10	49.30	54.50	59.10	64.00
32.0	17.35	21.50	26.40	32.00	38.50	45.90	49.10	54.30	58.90	63.80
38.0	17.15	21.30	26.20	31.80	38.20	45.60	48.90	54.10	58.70	63.60
43.0		21.20	26.00	31.60	38.00	45.40	48.70	53.90	58.50	63.50
46.0		21.10	25.90	31.50	37.90	45.30	48.60	53.70	58.40	63.30
49.0			25.80	31.30	37.80	45.20	48.40	53.60	58.30	63.30

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