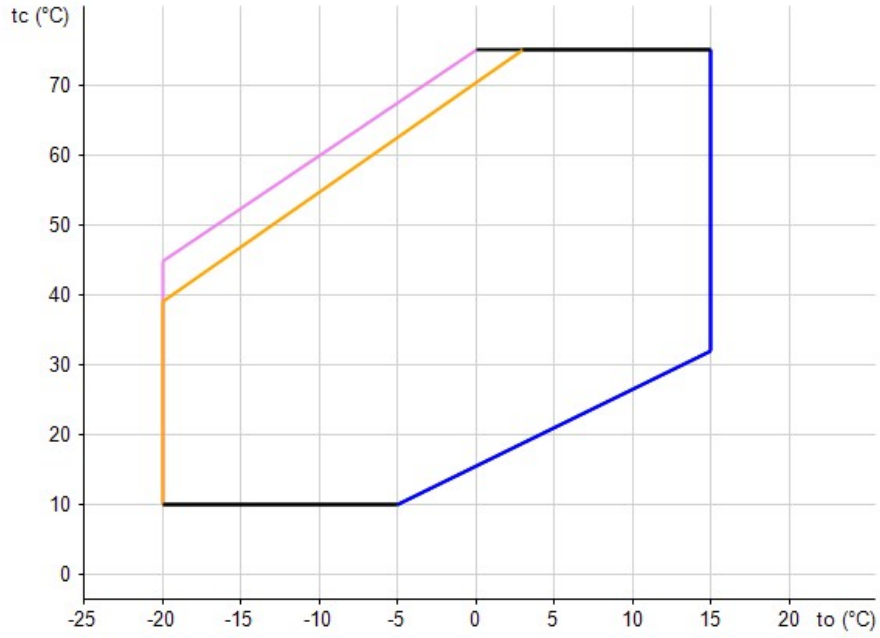


Minimum Evaporating Temp. With:

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	1.22	1.56	1.96	2.43	2.98	3.62	3.89	4.34	4.74	5.16
32.0	1.14	1.46	1.86	2.31	2.85	3.46	3.73	4.16	4.55	4.95
38.0	1.02	1.34	1.72	2.16	2.67	3.26	3.52	3.93	4.30	4.69
43.0		1.23	1.59	2.02	2.51	3.08	3.33	3.73	4.08	4.46
46.0		1.16	1.51	1.92	2.41	2.96	3.21	3.60	3.95	4.32
49.0			1.43	1.84	2.30	2.85	3.08	3.46	3.81	4.17

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	0.70	0.73	0.76	0.78	0.81	0.84	0.85	0.87	0.88	0.90
32.0	0.74	0.78	0.81	0.84	0.87	0.90	0.92	0.94	0.95	0.97
38.0	0.80	0.84	0.88	0.92	0.95	0.99	1.00	1.02	1.04	1.06
43.0		0.90	0.94	0.98	1.02	1.06	1.08	1.10	1.12	1.15
46.0		0.94	0.98	1.02	1.06	1.11	1.13	1.16	1.18	1.20
49.0			1.02	1.07	1.12	1.16	1.18	1.21	1.24	1.26

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	2.07	2.10	2.12	2.14	2.17	2.19	2.20	2.21	2.22	2.23
32.0	2.11	2.14	2.16	2.19	2.21	2.24	2.25	2.26	2.28	2.29
38.0	2.16	2.19	2.22	2.25	2.28	2.31	2.32	2.34	2.35	2.37
43.0		2.24	2.27	2.30	2.34	2.37	2.38	2.41	2.43	2.45
46.0		2.27	2.30	2.34	2.37	2.41	2.43	2.45	2.47	2.49
49.0			2.34	2.37	2.41	2.45	2.47	2.50	2.52	2.55

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	8.49	10.65	13.20	16.15	19.50	23.40	25.10	27.80	30.20	32.80
32.0	8.29	10.55	13.10	16.10	19.50	23.40	25.20	27.90	30.30	32.90
38.0	7.96	10.25	12.90	15.95	19.45	23.40	25.20	28.00	30.40	33.10
43.0		9.96	12.65	15.75	19.30	23.30	25.10	27.90	30.40	33.10
46.0		9.72	12.45	15.60	19.15	23.30	25.00	27.90	30.40	33.10
49.0			12.25	15.40	19.00	23.10	24.90	27.80	30.40	33.10

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0545-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	1
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	76
Sound Pressure @ 10m (MT), dBA	36
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	4.2
Compressor Locked Rotor Current, A	26

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