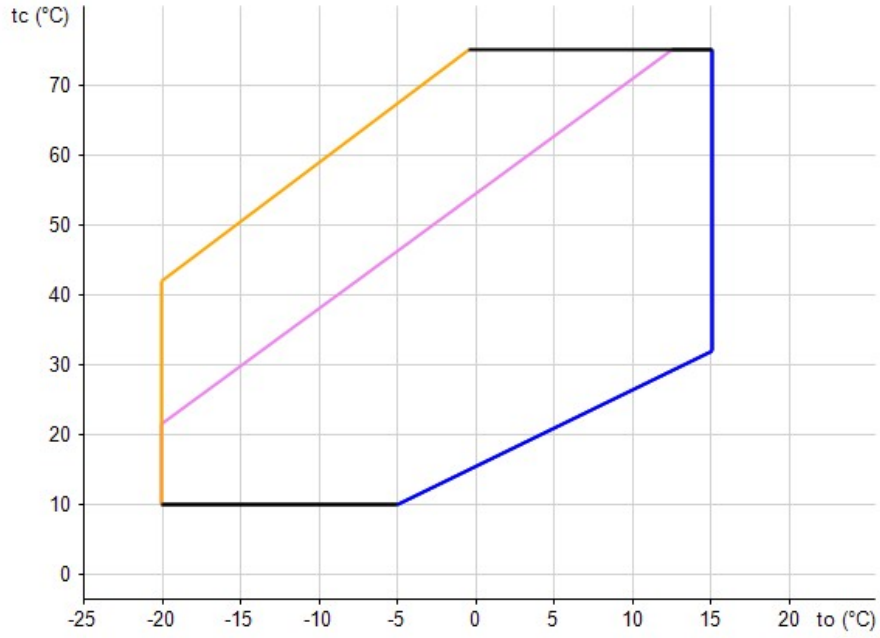


Minimum Evaporating Temp. With:

25 °C Suction Gas Return | 10 K Suction Superheat

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	1.41	1.80	2.26	2.80	3.42	4.14	4.45	4.95	5.40	5.87
32.0	1.31	1.69	2.14	2.66	3.27	3.96	4.27	4.75	5.19	5.65
38.0		1.55	1.98	2.48	3.07	3.73	4.03	4.49	4.91	5.35
43.0		1.42	1.84	2.32	2.88	3.53	3.81	4.26	4.66	5.09
46.0			1.74	2.22	2.77	3.40	3.67	4.11	4.50	4.92
49.0			1.65	2.11	2.65	3.26	3.53	3.96	4.34	4.75

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	0.79	0.82	0.86	0.89	0.92	0.95	0.96	0.98	1.00	1.02
32.0	0.84	0.88	0.92	0.96	0.99	1.02	1.04	1.06	1.08	1.10
38.0		0.96	1.00	1.04	1.08	1.12	1.14	1.17	1.19	1.22
43.0		1.03	1.08	1.12	1.16	1.22	1.24	1.26	1.28	1.32
46.0			1.12	1.17	1.22	1.27	1.29	1.32	1.35	1.38
49.0			1.17	1.22	1.28	1.33	1.35	1.38	1.42	1.44

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	2.16	2.19	2.21	2.23	2.26	2.28	2.29	2.31	2.32	2.33
32.0	2.20	2.23	2.26	2.28	2.31	2.34	2.35	2.37	2.38	2.40
38.0		2.28	2.32	2.35	2.38	2.42	2.43	2.45	2.47	2.49
43.0		2.34	2.37	2.41	2.45	2.49	2.51	2.54	2.56	2.58
46.0			2.41	2.45	2.50	2.54	2.56	2.59	2.62	2.65
49.0			2.45	2.50	2.55	2.60	2.62	2.65	2.68	2.71

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	9.27	11.65	14.45	17.65	21.40	25.60	27.50	30.50	33.10	35.90
32.0	9.05	11.50	14.35	17.60	21.40	25.70	27.60	30.60	33.30	36.10
38.0		11.20	14.10	17.45	21.30	25.70	27.60	30.60	33.30	36.20
43.0		10.90	13.85	17.25	21.10	25.50	27.50	30.60	33.30	36.30
46.0			13.60	17.05	21.00	25.40	27.40	30.50	33.30	36.30
49.0			13.35	16.80	20.80	25.30	27.30	30.40	33.20	36.20

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