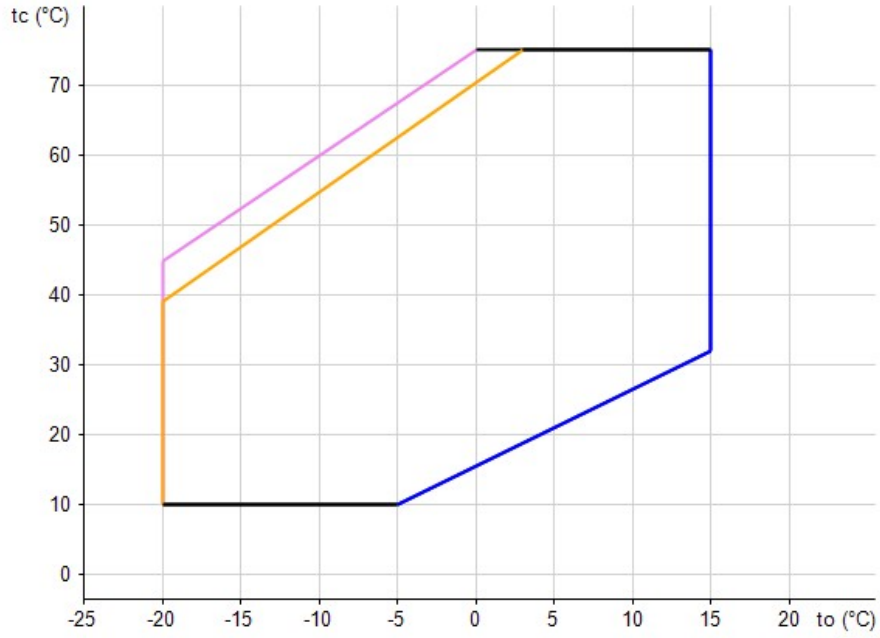


Minimum Evaporating Temp. With:

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	1.52	1.92	2.40	2.96	3.62	4.37	4.70	5.22	5.68	6.17
32.0	1.42	1.80	2.26	2.80	3.42	4.13	4.44	4.93	5.37	5.83
38.0	1.31	1.66	2.09	2.59	3.16	3.82	4.11	4.57	4.98	5.41
43.0		1.55	1.94	2.40	2.94	3.56	3.83	4.26	4.64	5.05
46.0		1.48	1.85	2.29	2.81	3.40	3.66	4.07	4.44	4.83
49.0			1.76	2.18	2.67	3.24	3.48	3.88	4.23	4.61

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	0.82	0.85	0.89	0.92	0.96	1.00	1.02	1.04	1.06	1.08
32.0	0.89	0.93	0.96	1.00	1.03	1.08	1.09	1.12	1.14	1.16
38.0	1.00	1.03	1.06	1.10	1.14	1.18	1.20	1.23	1.25	1.27
43.0		1.13	1.16	1.20	1.24	1.28	1.30	1.32	1.34	1.37
46.0		1.20	1.23	1.27	1.30	1.34	1.36	1.38	1.41	1.44
49.0			1.30	1.34	1.38	1.42	1.43	1.46	1.48	1.50

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	2.18	2.20	2.22	2.25	2.27	2.30	2.31	2.33	2.34	2.36
32.0	2.22	2.25	2.27	2.30	2.32	2.36	2.37	2.39	2.41	2.43
38.0	2.29	2.32	2.35	2.38	2.41	2.44	2.46	2.48	2.50	2.52
43.0		2.40	2.43	2.46	2.50	2.53	2.55	2.58	2.60	2.62
46.0		2.46	2.49	2.52	2.56	2.60	2.62	2.64	2.67	2.69
49.0			2.56	2.59	2.63	2.67	2.69	2.72	2.74	2.77

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	11.65	14.50	17.85	21.80	26.30	31.40	33.60	37.20	40.40	43.70
32.0	11.60	14.45	17.75	21.60	26.10	31.20	33.40	36.90	40.10	43.40
38.0	11.55	14.35	17.65	21.50	25.90	30.90	33.10	36.50	39.60	42.90
43.0		14.25	17.50	21.30	25.60	30.50	32.70	36.10	39.20	42.50
46.0		14.20	17.40	21.10	25.40	30.30	32.50	35.90	38.90	42.20
49.0			17.30	21.00	25.20	30.10	32.20	35.60	38.60	41.80

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