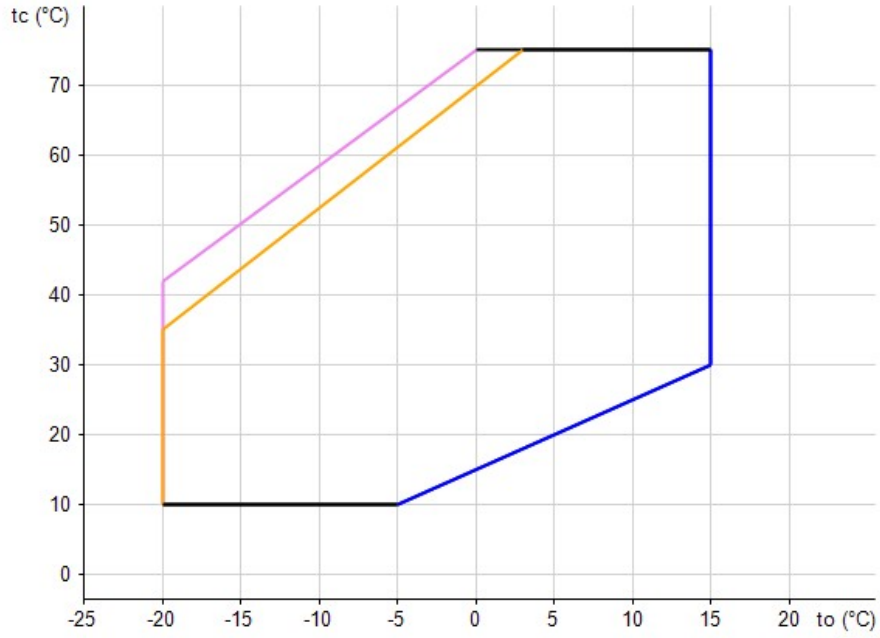


Minimum Evaporating Temp. With:

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	1.43	1.78	2.21	2.71	3.28	3.94	4.22	4.68	5.08	5.51
32.0	1.33	1.67	2.07	2.54	3.09	3.71	3.98	4.41	4.79	5.20
38.0		1.54	1.90	2.34	2.85	3.43	3.68	4.08	4.44	4.82
43.0		1.42	1.76	2.17	2.64	3.19	3.43	3.81	4.14	4.50
46.0			1.68	2.07	2.52	3.04	3.27	3.64	3.96	4.31
49.0			1.59	1.96	2.40	2.90	3.12	3.47	3.78	4.11

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	0.90	0.94	0.99	1.04	1.07	1.10	1.14	1.17
32.0	0.87	0.91	0.96	1.01	1.06	1.11	1.14	1.17	1.20	1.24
38.0		0.99	1.03	1.08	1.14	1.20	1.22	1.26	1.30	1.33
43.0		1.06	1.10	1.16	1.22	1.28	1.30	1.34	1.38	1.41
46.0			1.16	1.20	1.27	1.32	1.35	1.39	1.43	1.46
49.0			1.20	1.26	1.32	1.38	1.40	1.45	1.48	1.52

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	2.13	2.16	2.19	2.22	2.26	2.31	2.33	2.36	2.39	2.42
32.0	2.17	2.20	2.23	2.27	2.32	2.37	2.39	2.42	2.45	2.49
38.0		2.26	2.30	2.34	2.39	2.44	2.47	2.51	2.54	2.58
43.0		2.32	2.36	2.41	2.46	2.52	2.55	2.59	2.63	2.67
46.0			2.40	2.45	2.51	2.57	2.60	2.64	2.68	2.72
49.0			2.45	2.50	2.56	2.63	2.65	2.70	2.74	2.78

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	12.15	14.90	18.05	21.70	25.90	30.70	32.70	36.00	38.90	42.00
32.0	12.05	14.80	17.95	21.60	25.80	30.50	32.50	35.80	38.70	41.80
38.0		14.70	17.85	21.40	25.60	30.30	32.30	35.60	38.50	41.50
43.0		14.60	17.70	21.30	25.40	30.10	32.10	35.30	38.20	41.30
46.0			17.65	21.20	25.30	29.90	32.00	35.20	38.10	41.10
49.0			17.55	21.10	25.20	29.80	31.80	35.10	37.90	41.00

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