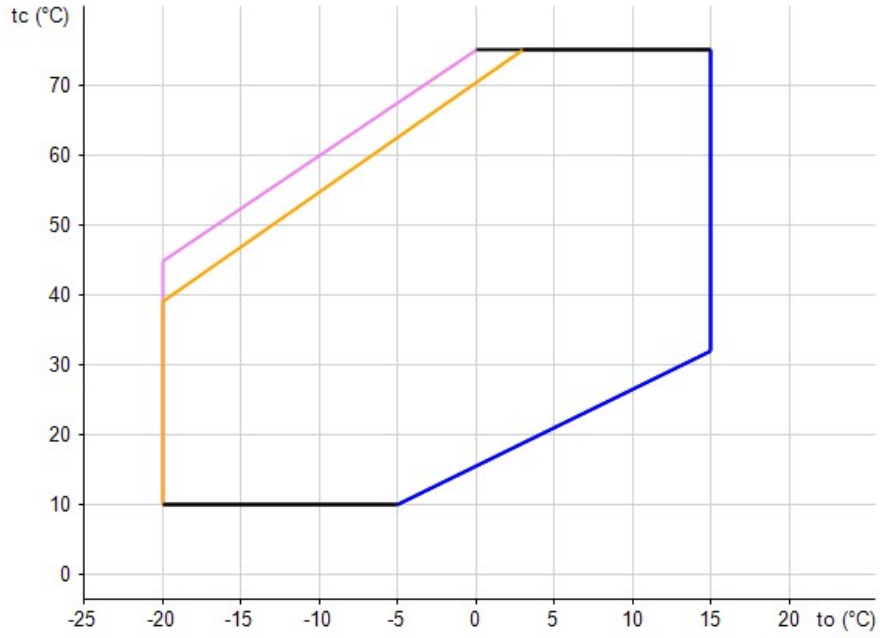


Minimum Evaporating Temp. With:

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	1.65	2.11	2.66	3.30	4.05	4.91	5.29	5.89	6.42	6.98
32.0	1.54	1.98	2.51	3.12	3.84	4.66	5.02	5.59	6.10	6.65
38.0	1.42	1.83	2.32	2.90	3.58	4.35	4.69	5.24	5.72	6.24
43.0		1.70	2.17	2.72	3.36	4.09	4.42	4.94	5.40	5.89
46.0		1.63	2.08	2.61	3.22	3.94	4.25	4.76	5.21	5.68
49.0			1.98	2.49	3.09	3.78	4.09	4.57	5.01	5.47

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	0.91	0.95	0.99	1.03	1.08	1.13	1.15	1.18	1.22	1.25
32.0	0.98	1.02	1.07	1.12	1.16	1.22	1.25	1.28	1.32	1.35
38.0	1.06	1.11	1.16	1.22	1.28	1.34	1.37	1.41	1.45	1.49
43.0		1.20	1.26	1.32	1.38	1.46	1.48	1.53	1.57	1.62
46.0		1.25	1.31	1.38	1.45	1.52	1.56	1.60	1.65	1.70
49.0			1.38	1.44	1.52	1.60	1.64	1.68	1.74	1.78

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	2.28	2.31	2.33	2.36	2.38	2.41
32.0	2.21	2.24	2.27	2.30	2.34	2.39	2.41	2.44	2.47	2.51
38.0	2.26	2.30	2.34	2.39	2.44	2.50	2.53	2.57	2.61	2.65
43.0		2.37	2.42	2.47	2.54	2.61	2.65	2.70	2.75	2.80
46.0		2.41	2.47	2.54	2.61	2.69	2.73	2.79	2.84	2.90
49.0			2.53	2.61	2.69	2.78	2.82	2.88	2.94	3.00

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	14.65	18.15	22.30	27.10	32.60	35.00	38.80	42.30	45.90
32.0	11.45	14.45	18.00	22.10	26.90	32.40	34.80	38.60	42.10	45.80
38.0	11.20	14.25	17.75	21.90	26.60	32.10	34.50	38.40	41.90	45.50
43.0		14.05	17.55	21.70	26.40	31.90	34.30	38.20	41.70	45.40
46.0		13.95	17.45	21.50	26.30	31.80	34.20	38.10	41.60	45.30
49.0			17.35	21.40	26.20	31.70	34.10	38.00	41.50	45.20

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	1.05
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	79
Sound Pressure @ 10m (MT), dBA	37
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	5.5
Compressor Locked Rotor Current, A	32

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