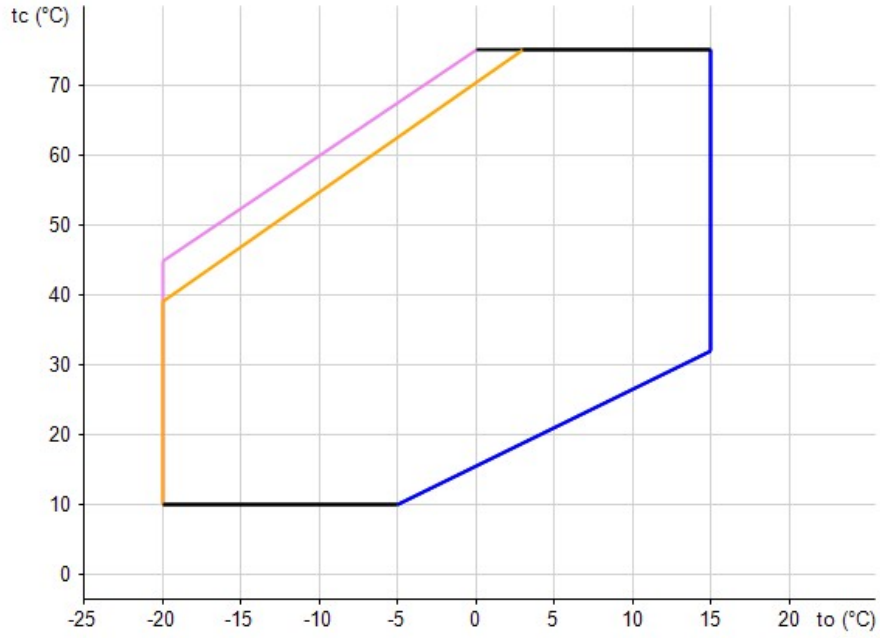


Minimum Evaporating Temp. With:

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	3.69	4.63	5.74	7.03	8.52	10.25	10.95	12.15	13.20	14.30
32.0	3.47	4.37	5.43	6.66	8.09	9.71	10.40	11.55	12.55	13.60
38.0	3.21	4.06	5.05	6.21	7.56	9.09	9.76	10.85	11.80	12.80
43.0		3.79	4.73	5.83	7.11	8.57	9.20	10.20	11.10	12.10
46.0		3.63	4.54	5.60	6.84	8.25	8.86	9.85	10.70	11.65
49.0			4.35	5.37	6.56	7.92	8.52	9.47	10.30	11.20

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	1.84	1.93	2.02	2.12	2.23	2.35	2.41	2.49	2.56	2.64
32.0	1.98	2.08	2.18	2.29	2.42	2.55	2.61	2.70	2.78	2.86
38.0	2.15	2.26	2.38	2.51	2.65	2.80	2.87	2.97	3.06	3.15
43.0		2.43	2.56	2.71	2.86	3.03	3.10	3.21	3.31	3.41
46.0		2.53	2.68	2.83	2.99	3.17	3.25	3.36	3.47	3.58
49.0			2.80	2.96	3.13	3.32	3.40	3.52	3.63	3.75

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	5.47	5.52	5.59	5.66	5.74	5.83	5.87	5.94	6.00	6.07
32.0	5.55	5.62	5.70	5.78	5.88	5.99	6.04	6.12	6.20	6.28
38.0	5.67	5.76	5.85	5.96	6.08	6.22	6.28	6.37	6.46	6.56
43.0		5.89	6.00	6.13	6.27	6.43	6.50	6.62	6.72	6.83
46.0		5.98	6.10	6.24	6.40	6.58	6.65	6.78	6.89	7.00
49.0			6.21	6.37	6.54	6.73	6.81	6.95	7.07	7.19

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	26.10	32.30	39.50	47.90	57.50	68.60	73.40	81.20	88.00	95.30
32.0	25.90	32.10	39.30	47.60	57.30	68.30	73.20	80.90	87.80	95.10
38.0	25.60	31.80	39.00	47.30	57.00	68.00	72.80	80.50	87.50	94.80
43.0		31.50	38.70	47.10	56.70	67.70	72.50	80.30	87.20	94.50
46.0		31.40	38.60	46.90	56.50	67.50	72.30	80.10	87.00	94.40
49.0			38.40	46.70	56.30	67.30	72.10	79.90	86.90	94.30

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_b/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	2
Air Flow, m³/s	1.98
Total Fan Power Input, W	242
Height, mm	1244
Depth/Width, mm	1035/447
Suction Diameter, inch	7/8
Liquid Line, inch	1/2
Suction Type	Cu Tube
High Side PS gauge, bar	31
Receiver Capacity, l	5.9
Low Side PS gauge, bar	22
Net Weight, kg	112
Sound Pressure @ 10m (MT), dBA	40
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	11.8
Compressor Locked Rotor Current, A	74

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