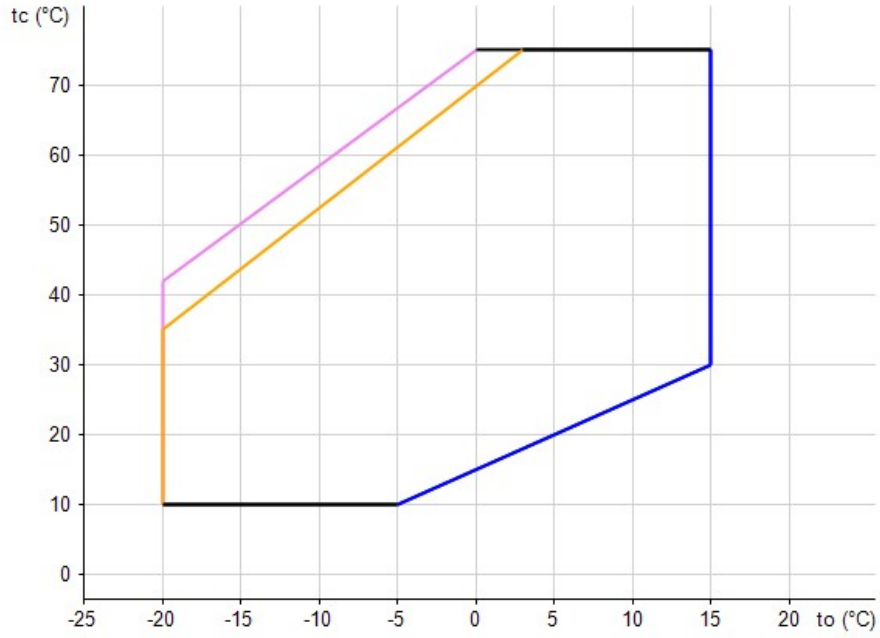


Minimum Evaporating Temp. With:

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	4.14	5.17	6.36	7.73	9.30	11.05	11.85	13.05	14.10	15.25
32.0	3.86	4.83	5.96	7.26	8.74	10.45	11.15	12.30	13.35	14.40
38.0		4.42	5.47	6.68	8.07	9.64	10.30	11.40	12.35	13.35
43.0		4.07	5.05	6.19	7.49	8.96	9.61	10.60	11.55	12.45
46.0			4.80	5.89	7.13	8.55	9.17	10.15	11.00	11.95
49.0			4.54	5.58	6.78	8.14	8.73	9.67	10.50	11.40

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	2.20	2.31	2.43	2.56	2.71	2.87	2.94	3.05	3.15	3.26
32.0	2.34	2.46	2.58	2.73	2.88	3.06	3.14	3.26	3.38	3.50
38.0		2.66	2.80	2.95	3.13	3.33	3.42	3.56	3.69	3.83
43.0		2.85	3.00	3.17	3.37	3.59	3.69	3.84	3.99	4.14
46.0			3.13	3.31	3.52	3.76	3.86	4.03	4.18	4.34
49.0			3.27	3.47	3.69	3.94	4.05	4.22	4.38	4.55

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	5.68	5.76	5.85	5.95	6.08	6.22	6.29	6.40	6.49	6.60
32.0	5.78	5.87	5.97	6.09	6.24	6.41	6.48	6.61	6.72	6.84
38.0		6.03	6.16	6.30	6.47	6.67	6.76	6.91	7.04	7.19
43.0		6.20	6.34	6.51	6.71	6.94	7.04	7.21	7.36	7.53
46.0			6.47	6.65	6.87	7.12	7.23	7.41	7.58	7.76
49.0			6.61	6.81	7.04	7.31	7.43	7.63	7.81	8.00

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	36.10	44.20	53.60	64.30	76.50	90.40	96.50	106.00	114.50	124.00
32.0	35.90	44.00	53.30	64.00	76.30	90.20	96.20	106.00	114.50	123.50
38.0		43.70	53.00	63.70	75.90	89.80	95.90	105.50	114.00	123.50
43.0		43.30	52.70	63.30	75.50	89.40	95.50	105.00	114.00	123.00
46.0			52.40	63.10	75.30	89.20	95.30	105.00	113.50	123.00
49.0			52.20	62.90	75.00	89.00	95.10	105.00	113.50	123.00

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