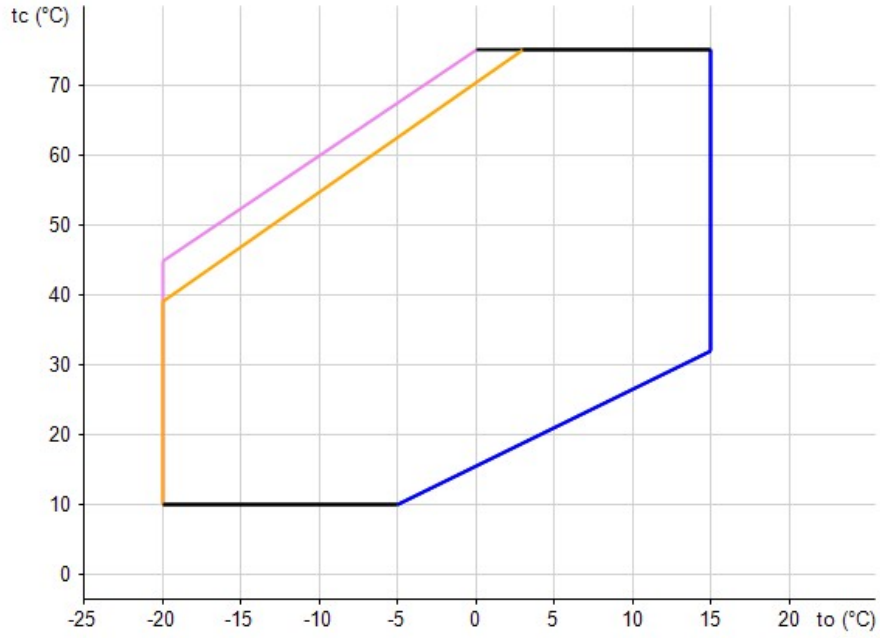


Minimum Evaporating Temp. With:

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	4.56	5.68	7.00	8.53	10.30	12.25	13.10	14.45	15.65	16.90
32.0	4.26	5.33	6.58	8.02	9.68	11.55	12.35	13.65	14.75	15.95
38.0	3.91	4.90	6.05	7.40	8.94	10.70	11.45	12.65	13.70	14.80
43.0		4.53	5.61	6.87	8.31	9.94	10.65	11.75	12.75	13.80
46.0		4.31	5.35	6.55	7.93	9.49	10.20	11.25	12.20	13.20
49.0			5.08	6.22	7.54	9.04	9.69	10.75	11.65	12.60

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	2.29	2.40	2.53	2.66	2.81	2.98	3.05	3.17	3.27	3.38
32.0	2.48	2.60	2.74	2.88	3.04	3.22	3.30	3.43	3.54	3.65
38.0	2.73	2.87	3.01	3.17	3.35	3.54	3.62	3.76	3.88	4.00
43.0		3.11	3.26	3.43	3.62	3.82	3.91	4.06	4.18	4.31
46.0		3.26	3.42	3.60	3.79	4.00	4.10	4.24	4.37	4.51
49.0			3.59	3.77	3.97	4.19	4.29	4.44	4.57	4.71

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	5.74	5.83	5.93	6.04	6.18	6.33	6.40	6.51	6.61	6.72
32.0	5.89	5.99	6.11	6.24	6.39	6.56	6.64	6.77	6.88	7.01
38.0	6.11	6.22	6.36	6.51	6.68	6.88	6.97	7.12	7.25	7.39
43.0		6.45	6.60	6.77	6.96	7.19	7.29	7.44	7.59	7.74
46.0		6.60	6.76	6.94	7.15	7.39	7.49	7.66	7.81	7.97
49.0			6.93	7.12	7.34	7.60	7.71	7.88	8.04	8.21

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	35.90	44.20	53.80	64.90	77.60	92.20	98.50	108.50	117.50	127.00
32.0	35.60	43.80	53.40	64.40	77.10	91.50	97.80	108.00	117.00	126.50
38.0	35.20	43.40	52.90	63.80	76.40	90.70	97.00	107.00	116.00	125.50
43.0		43.00	52.40	63.30	75.70	90.00	96.20	106.00	115.00	124.50
46.0		42.80	52.10	62.90	75.30	89.50	95.70	105.50	114.50	124.00
49.0			51.80	62.50	74.90	89.00	95.20	105.00	114.00	123.50

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