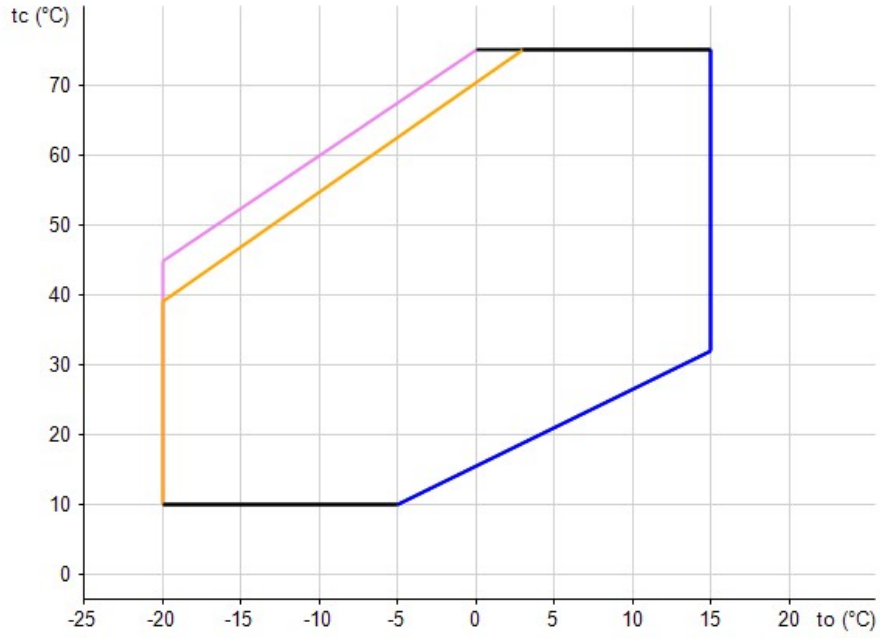


Minimum Evaporating Temp. With:

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	3.88	4.85	5.99	7.33	8.86	10.60	11.35	12.55	13.60	14.70
32.0	3.63	4.55	5.63	6.89	8.34	9.98	10.70	11.85	12.85	13.85
38.0	3.33	4.19	5.19	6.36	7.71	9.24	9.90	10.95	11.90	12.85
43.0		3.88	4.82	5.91	7.17	8.60	9.22	10.20	11.10	12.00
46.0		3.69	4.59	5.63	6.84	8.21	8.81	9.76	10.60	11.50
49.0			4.36	5.35	6.50	7.82	8.39	9.30	10.10	10.95

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	1.95	2.04	2.14	2.25	2.38	2.53	2.59	2.69	2.78	2.88
32.0	2.13	2.22	2.32	2.44	2.57	2.72	2.79	2.89	2.98	3.07
38.0	2.37	2.46	2.56	2.68	2.82	2.97	3.04	3.14	3.24	3.34
43.0		2.68	2.79	2.91	3.05	3.20	3.27	3.38	3.47	3.57
46.0		2.82	2.93	3.06	3.20	3.35	3.42	3.53	3.62	3.72
49.0			3.08	3.21	3.35	3.51	3.58	3.68	3.78	3.88

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	5.53	5.60	5.69	5.79	5.90	5.95	6.04	6.11	6.20
32.0	5.60	5.66	5.74	5.83	5.93	6.06	6.12	6.21	6.29	6.37
38.0	5.77	5.85	5.93	6.03	6.14	6.28	6.34	6.44	6.53	6.62
43.0		6.03	6.12	6.22	6.35	6.50	6.56	6.66	6.76	6.86
46.0		6.15	6.25	6.36	6.49	6.64	6.71	6.81	6.91	7.01
49.0			6.38	6.50	6.64	6.79	6.86	6.97	7.07	7.18

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	30.30	37.30	45.40	54.90	65.80	78.20	83.60	92.10	99.80	108.00
32.0	30.00	37.00	45.10	54.50	65.30	77.60	82.90	91.50	99.00	107.00
38.0	29.70	36.70	44.70	54.00	64.70	76.80	82.10	90.60	98.10	106.00
43.0		36.40	44.30	53.50	64.00	76.10	81.30	89.70	97.20	105.00
46.0		36.20	44.10	53.20	63.60	75.60	80.80	89.20	96.60	104.50
49.0			43.80	52.80	63.20	75.10	80.30	88.60	96.00	104.00

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_a/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	108
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	10.1
Compressor Locked Rotor Current, A	64

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