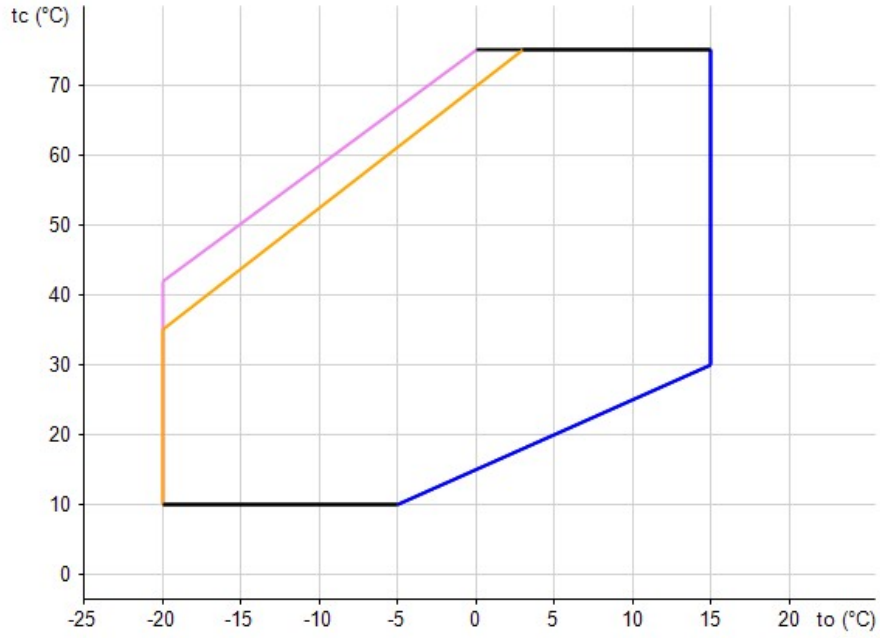


Minimum Evaporating Temp. With:

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	3.58	4.45	5.48	6.67	8.05	9.61	10.30	11.35	12.35	13.35
32.0	3.34	4.17	5.15	6.28	7.58	9.06	9.71	10.75	11.65	12.60
38.0		3.83	4.74	5.79	7.00	8.39	8.99	9.96	10.80	11.70
43.0		3.54	4.39	5.37	6.51	7.81	8.39	9.29	10.10	10.95
46.0			4.17	5.12	6.21	7.46	8.01	8.89	9.67	10.50
49.0			3.96	4.86	5.91	7.11	7.64	8.48	9.23	10.00

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	1.87	1.96	2.07	2.19	2.31	2.46	2.52	2.61	2.70	2.79
32.0	2.00	2.09	2.20	2.32	2.45	2.60	2.67	2.77	2.86	2.96
38.0		2.27	2.39	2.51	2.65	2.81	2.88	2.99	3.09	3.20
43.0		2.45	2.57	2.70	2.85	3.02	3.09	3.21	3.32	3.43
46.0			2.69	2.82	2.98	3.15	3.23	3.36	3.47	3.59
49.0			2.82	2.96	3.12	3.30	3.38	3.51	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	5.42	5.49	5.56	5.64	5.74	5.85	5.90	5.98	6.05	6.13
32.0	5.50	5.57	5.65	5.74	5.85	5.97	6.02	6.11	6.20	6.28
38.0		5.71	5.79	5.89	6.01	6.15	6.21	6.31	6.41	6.51
43.0		5.84	5.94	6.05	6.18	6.33	6.40	6.52	6.62	6.73
46.0			6.04	6.16	6.29	6.46	6.53	6.66	6.77	6.89
49.0			6.15	6.28	6.42	6.60	6.68	6.81	6.93	7.06

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	30.90	37.70	45.60	54.70	65.10	77.00	82.10	90.40	97.70	105.50
32.0	30.70	37.50	45.40	54.50	64.90	76.70	81.90	90.20	97.50	105.50
38.0		37.40	45.20	54.20	64.60	76.40	81.60	89.90	97.20	105.00
43.0		37.20	45.00	54.00	64.30	76.10	81.30	89.60	97.00	105.00
46.0			44.90	53.80	64.10	75.90	81.10	89.40	96.80	104.50
49.0			44.70	53.70	63.90	75.70	80.90	89.20	96.70	104.50

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