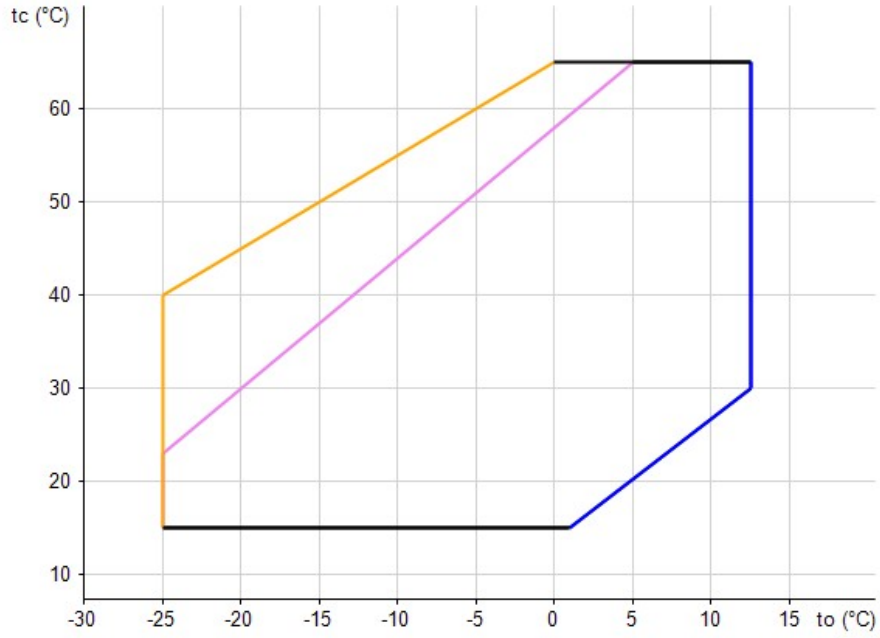


Minimum Evaporating Temp. With:

25 °C Suction Gas Return | 10 K Suction Superheat

Maximum Evaporating Temperature | Maximum Pressure Limit

Suction Superheat 10.0K Liquid Subcooling 2.0K

Evaporating Temperature, °C

Ambient	Cooling Capacity, kW									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	3.24	4.09	5.09	6.25	7.58	9.08	10.75	11.45	12.60	13.55
32.0	3.05	3.84	4.78	5.87	7.12	8.54	10.10	10.80	11.85	12.75
38.0			4.41	5.41	6.56	7.87	9.33	9.95	10.95	11.80
43.0				5.02	6.09	7.30	8.66	9.24	10.15	10.95
46.0					5.80	6.95	8.24	8.80		
49.0						6.59				

Ambient	Total Power Input, kW									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	2.09	2.20	2.33	2.47	2.64	2.83	3.05	3.14	3.30	3.43
32.0	2.29	2.41	2.55	2.70	2.88	3.09	3.32	3.42	3.58	3.73
38.0			2.84	3.02	3.21	3.44	3.69	3.80	3.97	4.13
43.0				3.32	3.53	3.77	4.03	4.15	4.34	4.50
46.0					3.73	3.98	4.26	4.38		
49.0						4.21				

Ambient	Current at 400 V, A									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	4.55	4.66	4.78	4.93	5.11	5.31	5.56	5.66	5.84	6.00
32.0	4.74	4.87	5.01	5.18	5.37	5.60	5.87	5.99	6.18	6.35
38.0			5.33	5.52	5.75	6.00	6.30	6.43	6.64	6.84
43.0				5.87	6.11	6.39	6.72	6.86	7.09	7.30
46.0					6.36	6.65	6.99	7.14		
49.0						6.94				

Ambient	Mass Flow, g/s									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	20.10	25.20	31.20	38.40	46.80	56.40	67.60	72.50	80.40	87.40
32.0	19.85	24.90	30.90	37.90	46.20	55.80	66.90	71.70	79.60	86.60
38.0			30.50	37.40	45.50	54.90	65.90	70.70	78.50	85.50
43.0				36.90	44.80	54.10	65.00	69.80	77.60	84.60
46.0					44.40	53.70	64.50	69.30		
49.0						53.20				

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0547-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	0.97
Total Fan Power Input, W	121
Height, mm	840
Depth/Width, mm	1035/446
Suction Diameter, inch	7/8
Liquid Line, inch	1/2
Suction Type	Cu Tube
High Side PS gauge, bar	31
Receiver Capacity, l	3.9
Low Side PS gauge, bar	22
Net Weight, kg	91
Sound Pressure @ 10m (MT), dBA	39
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz
PED Category	I (A1) & II (A2L)
PED Category	I (A1) and II (A2L)

CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)

Compressor Maximum Operating Current, A	7.8
Compressor Locked Rotor Current, A	50

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