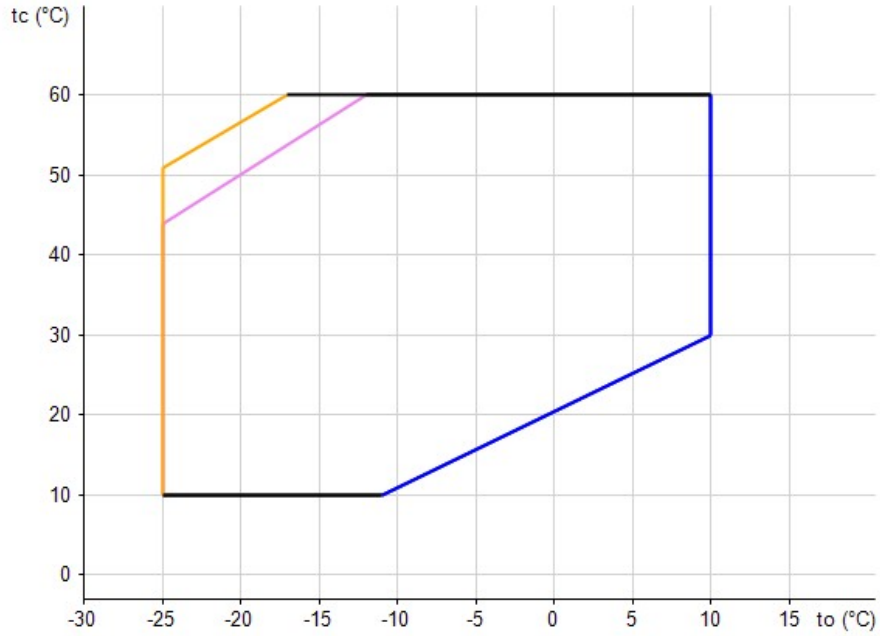


Minimum Evaporating Temp. With:

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
27.0	3.88	4.81	5.89	7.12	8.51	10.05	11.75	12.50	13.60
32.0	3.57	4.43	5.43	6.57	7.85	9.28	10.85	11.55	12.60
38.0	3.18	3.96	4.86	5.88	7.03	8.33	9.75	10.35	11.30
43.0	2.85	3.56	4.36	5.29	6.33	7.50	8.80	9.35	10.20
46.0		3.30	4.06	4.92	5.90	7.00			
49.0		3.04	3.74	4.55	5.45				

Ambient	Total Power Input, kW								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	2.49	2.62	2.76	2.90	3.05	3.21	3.39	3.47	3.59
32.0	2.70	2.84	2.99	3.14	3.30	3.48	3.67	3.75	3.89
38.0	2.98	3.14	3.30	3.46	3.64	3.83	4.04	4.13	4.28
43.0	3.24	3.41	3.58	3.76	3.95	4.15	4.38	4.48	4.63
46.0		3.59	3.76	3.95	4.15	4.36			
49.0		3.77	3.96	4.15	4.36				

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
27.0	4.95	5.09	5.24	5.40	5.57	5.76	5.96	6.05	6.19
32.0	5.18	5.34	5.50	5.67	5.86	6.06	6.29	6.39	6.54
38.0	5.49	5.67	5.85	6.04	6.25	6.48	6.73	6.83	7.00
43.0	5.79	5.98	6.18	6.39	6.62	6.86	7.13	7.24	7.42
46.0		6.19	6.40	6.62	6.86	7.11			
49.0		6.41	6.63	6.86	7.11				

Ambient	Mass Flow, g/s								
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	35.00	42.90	52.20	62.90	75.10	89.10	105.00	112.00	123.00
32.0	34.60	42.50	51.70	62.20	74.30	88.20	104.00	111.00	122.00
38.0	34.20	42.00	51.00	61.40	73.30	87.00	102.50	109.50	120.50
43.0	33.70	41.50	50.40	60.60	72.40	86.00	101.50	108.50	120.00
46.0		41.20	50.00	60.10	71.80	85.40			
49.0		40.80	49.60	59.70	71.40				

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