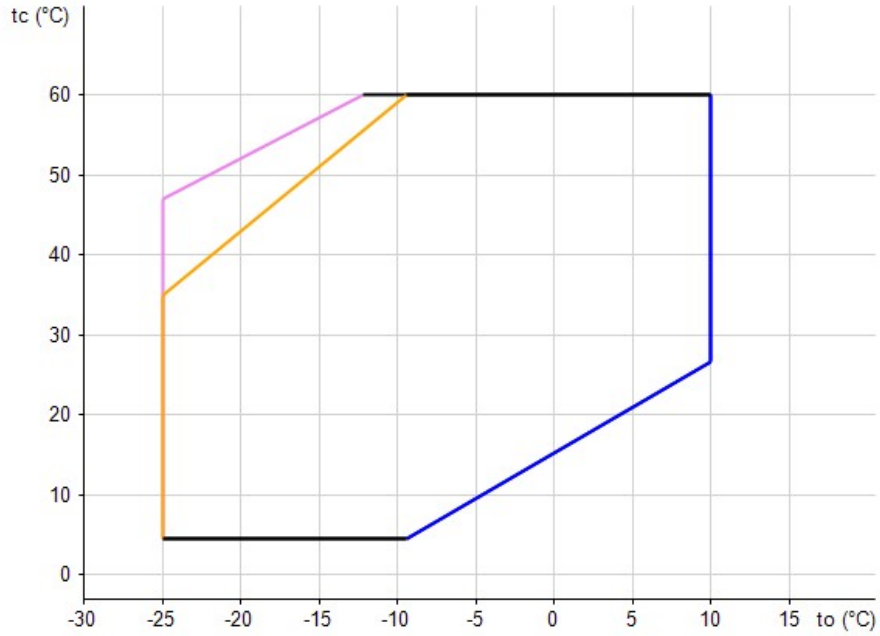


Minimum Evaporating Temp. With:

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	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	3.67	4.58	5.64	6.85	8.22	9.76	11.45	12.20	13.30
32.0	3.44	4.30	5.29	6.42	7.71	9.15	10.75	11.40	12.50
38.0	3.15	3.95	4.86	5.89	7.07	8.39	9.86	10.50	11.45
43.0		3.64	4.48	5.44	6.53	7.75			
46.0			4.25	5.16	6.19				
49.0									

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	2.24	2.40	2.56	2.73	2.91	3.12	3.35	3.45	3.61
32.0	2.45	2.61	2.78	2.97	3.17	3.40	3.65	3.76	3.94
38.0	2.72	2.90	3.09	3.30	3.52	3.77	4.05	4.17	4.37
43.0		3.17	3.38	3.60	3.85	4.12			
46.0			3.56	3.80	4.06				
49.0									

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	4.70	4.85	5.02	5.21	5.41	5.64	5.91	6.03	6.22
32.0	4.90	5.08	5.27	5.48	5.71	5.97	6.26	6.39	6.60
38.0	5.19	5.39	5.61	5.85	6.11	6.41	6.74	6.89	7.12
43.0		5.70	5.94	6.21	6.50	6.83			
46.0			6.16	6.45	6.76				
49.0									

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	24.50	30.50	37.40	45.50	54.90	65.60	77.90	83.30	91.90
32.0	24.30	30.20	37.10	45.10	54.30	64.90	77.10	82.50	91.10
38.0	24.00	29.90	36.60	44.50	53.60	64.10	76.20	81.50	90.10
43.0		29.50	36.20	43.90	52.90	63.30			
46.0			35.90	43.60	52.50				
49.0									

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