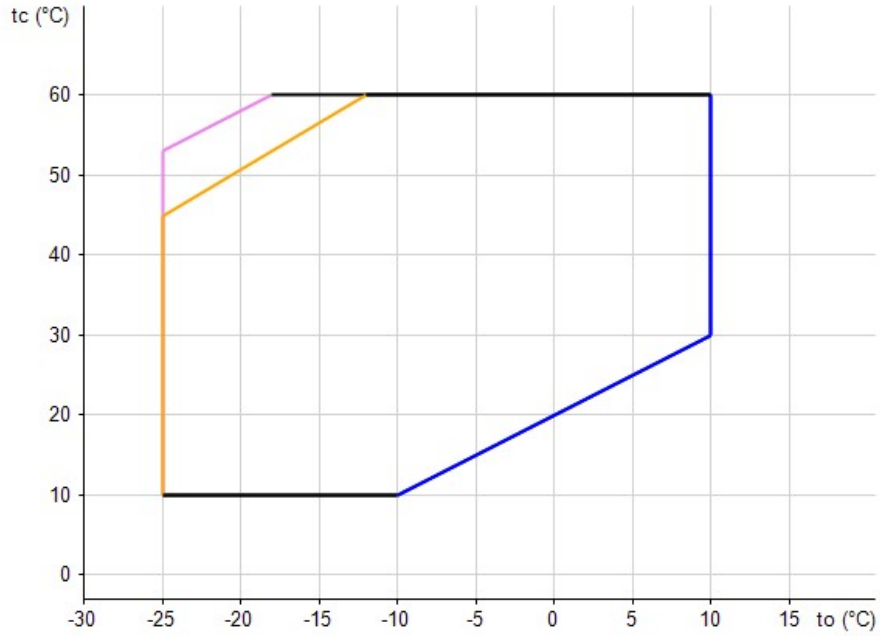


Minimum Evaporating Temp. With:

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	3.45	4.23	5.14	6.18	7.35	8.68	10.15	10.75	11.70
32.0	3.25	3.98	4.83	5.80	6.89	8.12	9.48	10.05	10.95
38.0	2.98	3.67	4.44	5.32	6.32	7.43	8.67	9.20	
43.0	2.75	3.39	4.10	4.91	5.82				
46.0		3.21	3.89	4.65					
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	2.21	2.36	2.52	2.70	2.88	3.09	3.31	3.41	3.57
32.0	2.41	2.57	2.75	2.93	3.13	3.35	3.59	3.70	3.86
38.0	2.67	2.86	3.05	3.25	3.47	3.70	3.97	4.08	
43.0	2.93	3.13	3.33	3.55	3.78				
46.0		3.31	3.52	3.75					
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	4.65	4.81	4.98	5.18	5.39	5.62	5.88	6.00	6.18
32.0	4.85	5.04	5.23	5.44	5.67	5.93	6.21	6.33	6.52
38.0	5.15	5.36	5.58	5.81	6.07	6.34	6.64	6.77	
43.0	5.44	5.67	5.91	6.16	6.44				
46.0		5.88	6.13	6.40					
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	23.20	28.40	34.40	41.40	49.50	59.00	69.80	74.60	82.30
32.0	23.10	28.30	34.20	41.10	49.10	58.40	69.10	73.90	81.50
38.0	23.00	28.10	34.00	40.70	48.60	57.70	68.30	72.90	
43.0	22.80	27.90	33.70	40.40	48.10				
46.0		27.80	33.50	40.20					
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