



Minimum Evaporating Temp. With:

- █ 20 °C Suction Gas Return ASERCOM certified Liquid injection
- █ Maximum Evaporating Temperature
- █ Maximum Pressure Limit

Suction Return Temperature 20.0°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	2.02	2.58	3.23	3.98	4.84	5.82	6.91	8.11
32.0	1.92	2.44	3.06	3.77	4.58	5.50	6.53	7.66
38.0	1.78	2.27	2.84	3.49	4.24	5.09	6.04	
43.0	1.64	2.11	2.63	3.24	3.94			
46.0	1.56	2.00						
49.0								

Ambient °C	Total Power Input, kW							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	1.84	1.98	2.12	2.27	2.45	2.66	2.90	3.18
32.0	2.04	2.19	2.34	2.50	2.69	2.90	3.15	3.44
38.0	2.37	2.52	2.67	2.84	3.03	3.25	3.50	
43.0	2.72	2.87	3.02	3.19	3.38			
46.0	2.97	3.12						
49.0								

Ambient °C	Current at 400 V, A							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	4.32	4.43	4.56	4.73	4.94	5.19	5.51	5.89
32.0	4.58	4.70	4.84	5.02	5.25	5.53	5.86	6.27
38.0	4.99	5.12	5.28	5.48	5.73	6.03	6.40	
43.0	5.43	5.57	5.75	5.97	6.23			
46.0	5.75	5.90						
49.0								

Ambient °C	Mass Flow, g/s							
	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0	11.05	14.25	18.10	22.80	28.30	34.90	42.70	52.00
32.0	10.95	14.15	18.05	22.60	28.10	34.70	42.50	51.80
38.0	10.80	14.00	17.85	22.40	27.90	34.40	42.20	
43.0	10.65	13.80	17.60	22.10	27.50			
46.0	10.50	13.65						
49.0								

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0547-00_3/A6E450-AF13-16
Number of Fans	1
Total Fan Power Input, W	121
Depth/Width, mm	1035/446
Height, mm	840
Base mounting (hole dia), mm	580 x 388 (15)
Net Weight, kg	91
Receiver Capacity, l	3.9
Liquid Line, inch	1/2
Air Flow, m ³ /s	0.97
High Side PS gauge, bar	31
Low Side PS gauge, bar	22
Suction Type	Cu Tube
Suction Diameter, inch	7/8
Sound Pressure @ 10m (MT), dBA	38
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz

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

Compressor Maximum Operating Current, A	8
Compressor Locked Rotor Current, A	51.5

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