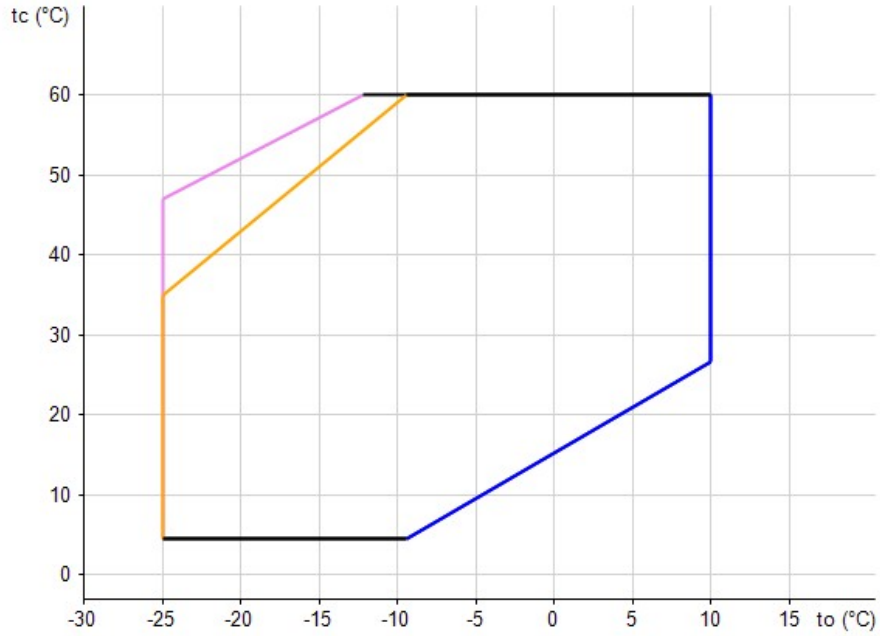


Minimum Evaporating Temp. With:

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	2.57	3.22	3.96	4.82	5.79	6.87	8.07	8.58	9.37
32.0	2.42	3.02	3.72	4.52	5.43	6.45	7.57	8.04	8.79
38.0	2.23	2.79	3.43	4.16	4.99	5.92	6.95	7.39	8.07
43.0		2.58	3.17	3.85	4.61	5.47			
46.0			3.02	3.66	4.38				
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	1.62	1.70	1.81	1.92	2.06	2.22	2.41	2.49	2.63
32.0	1.76	1.86	1.96	2.09	2.24	2.41	2.61	2.70	2.84
38.0	1.97	2.07	2.18	2.32	2.48	2.66	2.88	2.97	3.13
43.0		2.27	2.39	2.54	2.70	2.90			
46.0			2.53	2.68	2.85				
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	2.82	2.93	3.06	3.21	3.38	3.59	3.84	3.95	4.14
32.0	3.00	3.12	3.26	3.42	3.61	3.84	4.11	4.23	4.43
38.0	3.26	3.39	3.54	3.72	3.94	4.19	4.48	4.62	4.83
43.0		3.65	3.82	4.01	4.24	4.52			
46.0			4.00	4.21	4.45				
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	17.20	21.40	26.20	31.90	38.50	46.10	54.70	58.50	64.50
32.0	17.10	21.20	26.00	31.70	38.10	45.60	54.20	57.90	63.90
38.0	16.95	21.00	25.80	31.30	37.70	45.00	53.50	57.20	63.20
43.0		20.90	25.60	31.00	37.30	44.50			
46.0			25.40	30.80	37.00				
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0548-00_2/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	1
Air Flow, m³/s	1.05
Total Fan Power Input, W	121
Height, mm	840
Depth/Width, mm	1035/446
Suction Diameter, inch	3/4
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	79
Sound Pressure @ 10m (MT), dBA	37
Sound Conditions (MT, Temperatures: Evap./Cond./Suction at freq./speed)	-10.0/45.0/20.0 °C at 50 Hz
PED Category	I (A1) and II (A2L)

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

Compressor Maximum Operating Current, A	5.5
Compressor Locked Rotor Current, A	32

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