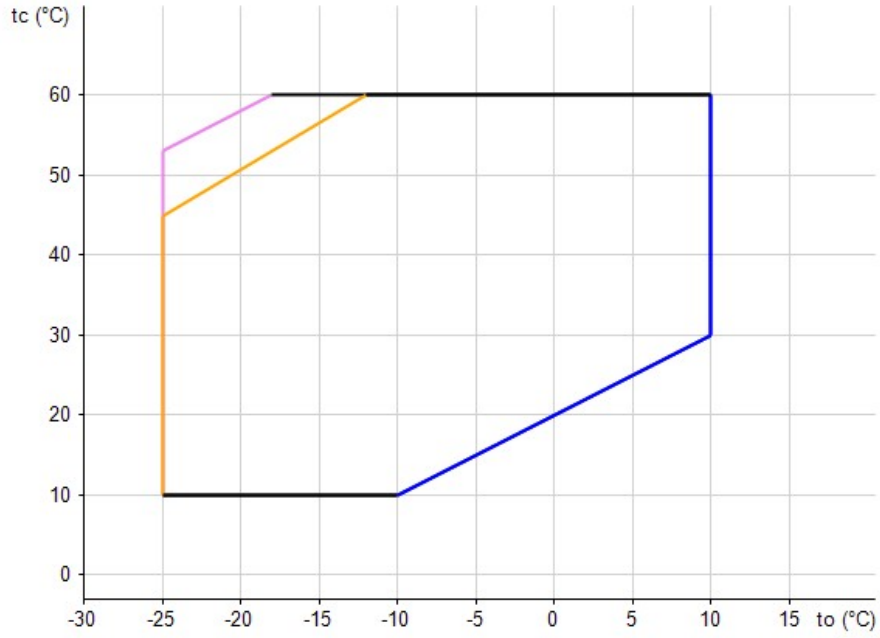


Minimum Evaporating Temp. With:

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	4.33	5.34	6.51	7.84	9.34	11.00	12.85	13.65	14.90
32.0	4.08	5.03	6.12	7.37	8.78	10.35	12.10	12.85	14.00
38.0	3.76	4.63	5.64	6.78	8.08	9.53	11.15	11.80	
43.0	3.48	4.29	5.22	6.27	7.47	8.81			
46.0		4.08	4.96	5.96					
49.0			4.69						

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	2.68	2.89	3.10	3.33	3.59	3.86	4.15	4.28	4.48
32.0	2.91	3.13	3.36	3.61	3.87	4.16	4.47	4.60	4.81
38.0	3.23	3.46	3.71	3.97	4.25	4.55	4.88	5.02	
43.0	3.52	3.77	4.04	4.31	4.60	4.92			
46.0		3.98	4.25	4.53					
49.0			4.48						

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	6.05	6.22	6.41	6.62	6.86	7.14	7.46	7.60	7.83
32.0	6.24	6.44	6.65	6.88	7.15	7.46	7.81	7.97	8.22
38.0	6.52	6.74	6.99	7.26	7.57	7.91	8.31	8.48	
43.0	6.80	7.05	7.33	7.63	7.97	8.35			
46.0		7.27	7.56	7.88					
49.0			7.81						

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	29.00	35.50	43.20	52.10	62.40	74.20	87.70	93.70	103.00
32.0	28.90	35.40	43.00	51.80	62.00	73.70	87.20	93.10	102.50
38.0	28.70	35.20	42.70	51.40	61.50	73.10	86.60	92.50	
43.0	28.60	35.00	42.40	51.00	61.00	72.60			
46.0		34.90	42.20	50.80					
49.0			42.10						

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_a/A6E450-AF13-16
Base mounting (hole dia), mm	580 x 388 (15)
Number of Fans	2
Air Flow, m³/s	1.98
Total Fan Power Input, W	242
Height, mm	1244
Depth/Width, mm	1035/447
Suction Diameter, inch	7/8
Liquid Line, inch	1/2
Suction Type	Cu Tube
High Side PS gauge, bar	31
Receiver Capacity, l	5.9
Low Side PS gauge, bar	22
Net Weight, kg	108
Sound Pressure @ 10m (MT), dBA	40
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	10.1
Compressor Locked Rotor Current, A	64

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