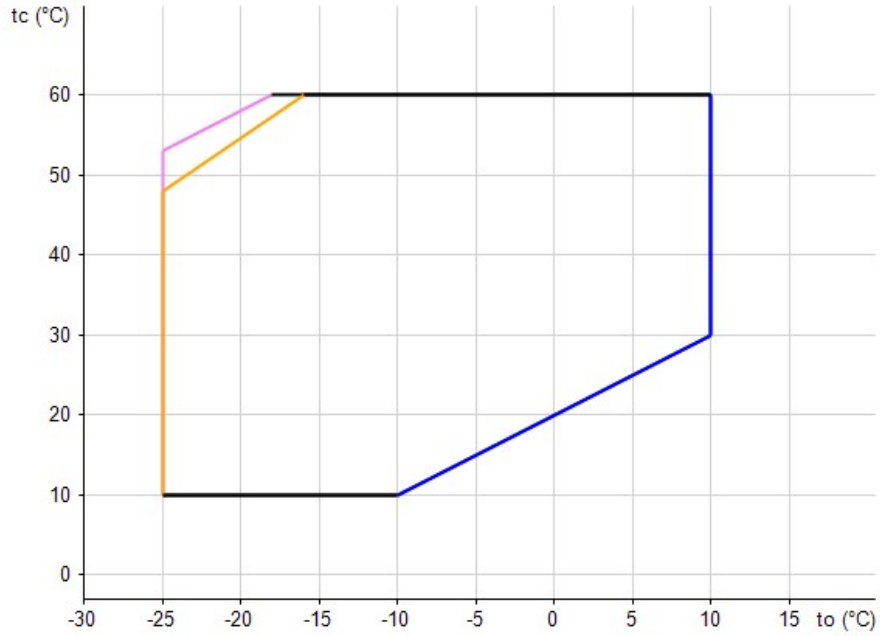


Minimum Evaporating Temp. With:

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	4.12	5.12	6.28	7.62	9.13	10.80	12.70	13.50	14.75
32.0	3.85	4.80	5.89	7.15	8.57	10.15	11.95	12.70	13.85
38.0	3.53	4.40	5.41	6.57	7.88	9.35	11.00	11.70	12.80
43.0	3.25	4.06	4.99	6.06	7.28	8.65	10.20	10.85	
46.0	3.08	3.85	4.74	5.76	6.92	8.23			
49.0		3.64	4.48	5.44					

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	2.50	2.66	2.83	3.00	3.20	3.41	3.64	3.74	3.91
32.0	2.71	2.88	3.05	3.24	3.44	3.67	3.92	4.03	4.21
38.0	2.99	3.16	3.35	3.55	3.77	4.02	4.29	4.41	4.61
43.0	3.23	3.41	3.61	3.83	4.07	4.34	4.63	4.76	
46.0	3.38	3.57	3.78	4.01	4.26	4.54			
49.0		3.74	3.96	4.20					

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	5.90	6.02	6.16	6.31	6.49	6.69	6.93	7.03	7.21
32.0	6.07	6.20	6.36	6.53	6.72	6.95	7.22	7.34	7.53
38.0	6.30	6.46	6.63	6.83	7.05	7.32	7.62	7.76	7.98
43.0	6.52	6.70	6.89	7.12	7.37	7.67	8.01	8.16	
46.0	6.66	6.85	7.07	7.31	7.58	7.90			
49.0		7.02	7.25	7.51					

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	28.70	35.40	43.10	52.10	62.40	74.20	87.50	93.40	102.50
32.0	28.40	35.00	42.70	51.60	61.90	73.60	86.90	92.70	102.00
38.0	28.00	34.60	42.20	51.00	61.10	72.70	86.00	91.80	101.00
43.0	27.70	34.20	41.70	50.40	60.40	71.90	85.20	91.00	
46.0	27.50	34.00	41.40	50.00	60.00	71.50			
49.0		33.70	41.10	49.60					

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