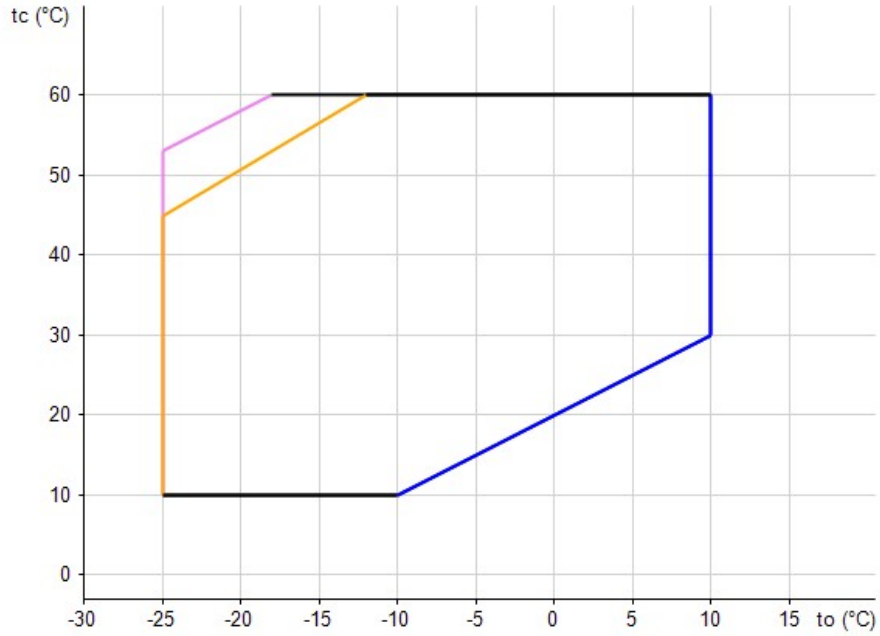


Minimum Evaporating Temp. With:

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	5.08	6.26	7.62	9.16	10.90	12.85	14.95	15.85	17.20
32.0	4.77	5.89	7.16	8.61	10.25	12.05	14.05	14.85	16.20
38.0	4.40	5.42	6.59	7.92	9.42	11.10	12.90		
43.0	4.08	5.02	6.10	7.33	8.71				
46.0		4.78	5.80	6.96					
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	3.15	3.40	3.67	3.95	4.25	4.58	4.95	5.12	5.37
32.0	3.39	3.66	3.95	4.25	4.58	4.94	5.34	5.52	5.79
38.0	3.70	4.00	4.32	4.66	5.02	5.41	5.85		
43.0	3.98	4.31	4.66	5.02	5.42				
46.0		4.52	4.88	5.26					
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	6.48	6.73	7.01	7.32	7.67	8.06	8.52	8.72	9.04
32.0	6.72	7.01	7.32	7.67	8.06	8.50	9.00	9.22	9.57
38.0	7.04	7.38	7.75	8.15	8.60	9.09	9.65		
43.0	7.36	7.74	8.15	8.60	9.10				
46.0		7.98	8.42	8.90					
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	34.20	42.10	51.20	61.70	73.90	87.90	104.00	111.00	122.00
32.0	34.10	41.90	50.90	61.40	73.50	87.40	103.50	110.50	122.00
38.0	33.90	41.60	50.60	60.90	72.90	86.80	103.00		
43.0	33.70	41.40	50.20	60.50	72.40				
46.0		41.30	50.00	60.30					
49.0									

CONDENSING UNIT MECHANICAL AND PHYSICAL DATA

Condenser/Fan Type	066-0546-00_1_b/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	112
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	11.8
Compressor Locked Rotor Current, A	74

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