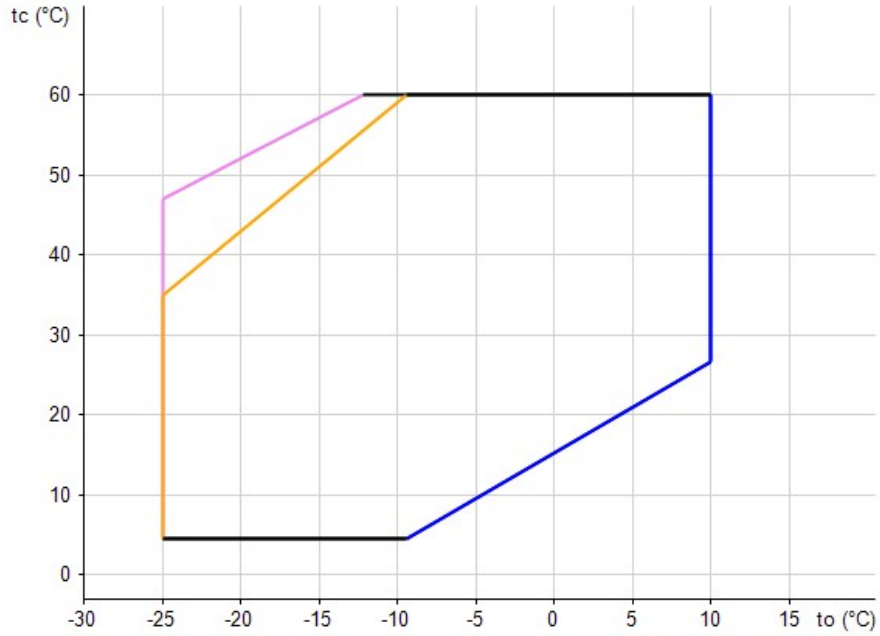


Minimum Evaporating Temp. With:

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	5.44	6.83	8.42	10.20	12.20	14.45	16.85	17.90	19.50
32.0	5.07	6.40	7.90	9.59	11.50	13.60	15.85	16.85	18.35
38.0	4.62	5.86	7.25	8.82	10.55	12.50	14.60	15.50	16.90
43.0		5.39	6.69	8.15	9.77	11.55			
46.0			6.35	7.74	9.29				
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	3.22	3.47	3.73	4.00	4.31	4.64	5.02	5.19	5.45
32.0	3.46	3.73	4.02	4.32	4.66	5.03	5.44	5.63	5.92
38.0	3.77	4.08	4.40	4.74	5.12	5.53	5.99	6.20	6.52
43.0		4.39	4.74	5.12	5.53	5.99			
46.0			4.96	5.36	5.80				
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	6.55	6.80	7.08	7.38	7.73	8.13	8.60	8.80	9.14
32.0	6.80	7.08	7.40	7.75	8.15	8.61	9.13	9.36	9.74
38.0	7.13	7.47	7.84	8.25	8.72	9.24	9.84	10.11	10.53
43.0		7.83	8.25	8.72	9.25	9.84			
46.0			8.52	9.03	9.59				
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	36.40	45.60	56.10	68.20	82.10	97.80	116.00	123.50	136.00
32.0	35.90	45.10	55.60	67.70	81.50	97.20	115.00	123.00	135.50
38.0	35.20	44.40	54.90	66.90	80.60	96.30	114.00	122.00	135.00
43.0		43.80	54.20	66.10	79.80	95.50			
46.0			53.80	65.70	79.30				
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