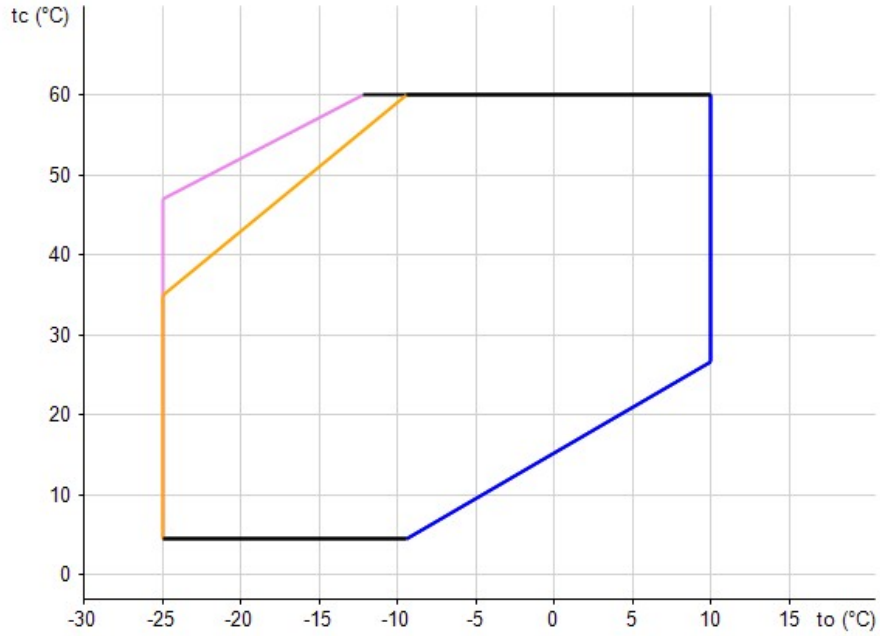


Minimum Evaporating Temp. With:

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	4.64	5.82	7.18	8.73	10.50	12.45	14.60	15.55	16.95
32.0	4.34	5.46	6.74	8.21	9.86	11.70	13.75	14.60	16.00
38.0	3.98	5.01	6.20	7.55	9.08	10.80	12.70	13.50	14.75
43.0		4.63	5.73	6.99	8.41	10.00	11.80	12.55	
46.0			5.45	6.64	8.00	9.52			
49.0				6.29					

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	2.72	2.92	3.13	3.36	3.61	3.88	4.18	4.31	4.51
32.0	2.95	3.17	3.40	3.64	3.91	4.20	4.52	4.65	4.87
38.0	3.26	3.50	3.75	4.01	4.30	4.62	4.96	5.10	5.33
43.0		3.80	4.07	4.36	4.67	5.00	5.36	5.52	
46.0			4.28	4.58	4.90	5.25			
49.0				4.82					

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	6.07	6.24	6.43	6.64	6.89	7.17	7.50	7.65	7.88
32.0	6.27	6.46	6.68	6.92	7.20	7.52	7.89	8.05	8.31
38.0	6.55	6.78	7.03	7.32	7.64	8.00	8.42	8.61	8.91
43.0		7.09	7.38	7.70	8.06	8.47	8.94	9.14	
46.0			7.62	7.96	8.35	8.78			
49.0				8.25					

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	30.80	38.40	47.20	57.40	69.10	82.50	97.70	104.50	115.00
32.0	30.40	38.00	46.80	56.90	68.60	81.90	97.10	103.50	114.50
38.0	30.00	37.50	46.20	56.30	67.80	81.10	96.20	103.00	113.50
43.0		37.10	45.70	55.60	67.10	80.30	95.50	102.00	
46.0			45.40	55.30	66.70	79.90			
49.0				54.90					

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