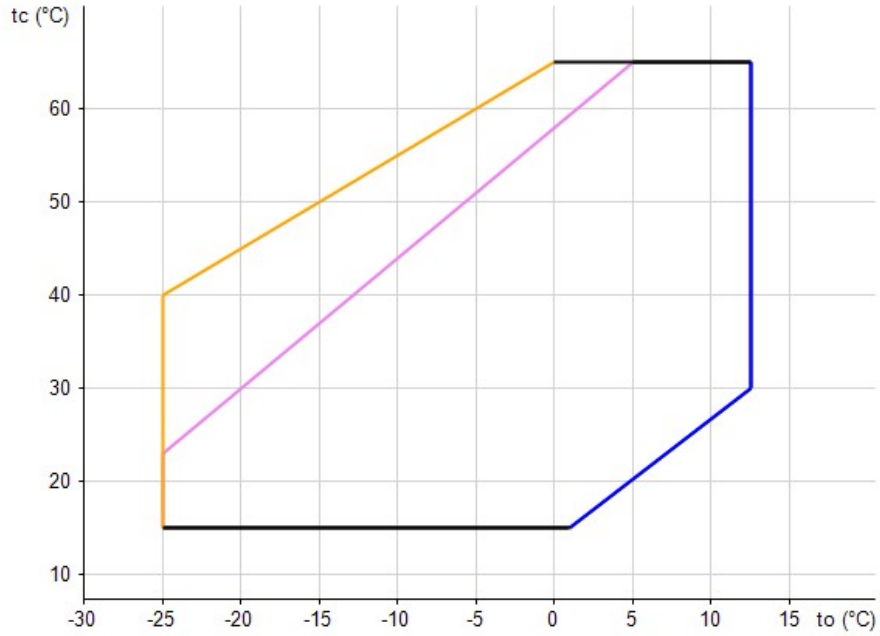


Minimum Evaporating Temp. With:

25 °C Suction Gas Return | 10 K Suction Superheat

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	12.5
27.0	4.10	5.20	6.48	7.96	9.64	11.55	13.65	14.55	15.95	17.20
32.0	3.84	4.88	6.10	7.51	9.10	10.90	12.90	13.75	15.10	16.30
38.0			5.63	6.94	8.43	10.10	12.00	12.80	14.05	15.15
43.0				6.45	7.85	9.42	11.20	11.95	13.10	14.15
46.0					7.49	9.00	10.70	11.40	12.55	
49.0						8.57	10.20			

Ambient	Total Power Input, kW									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	2.56	2.70	2.88	3.07	3.29	3.53	3.81	3.92	4.10	4.26
32.0	2.79	2.95	3.14	3.35	3.58	3.83	4.12	4.24	4.43	4.59
38.0			3.49	3.72	3.96	4.24	4.53	4.66	4.86	5.03
43.0				4.06	4.32	4.61	4.92	5.05	5.26	5.44
46.0					4.56	4.85	5.17	5.31	5.52	
49.0						5.11	5.44			

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	12.5
27.0	5.95	6.07	6.21	6.38	6.59	6.83	7.11	7.23	7.43	7.62
32.0	6.14	6.28	6.45	6.64	6.87	7.14	7.45	7.58	7.81	8.01
38.0			6.79	7.02	7.28	7.58	7.93	8.09	8.34	8.56
43.0				7.39	7.69	8.03	8.42	8.59	8.86	9.10
46.0					7.97	8.33	8.74	8.92	9.21	
49.0						8.66	9.10			

Ambient	Mass Flow, g/s									
°C	-25.0	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0	12.5
27.0	25.20	31.80	39.50	48.50	59.00	70.90	84.60	90.70	100.50	109.00
32.0	24.80	31.40	39.10	48.10	58.50	70.40	84.10	90.10	99.80	108.50
38.0			38.50	47.50	57.80	69.70	83.40	89.40	99.10	107.50
43.0				46.80	57.10	69.00	82.70	88.70	98.50	107.00
46.0					56.70	68.50	82.30	88.30	98.10	
49.0						68.10	81.80			

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