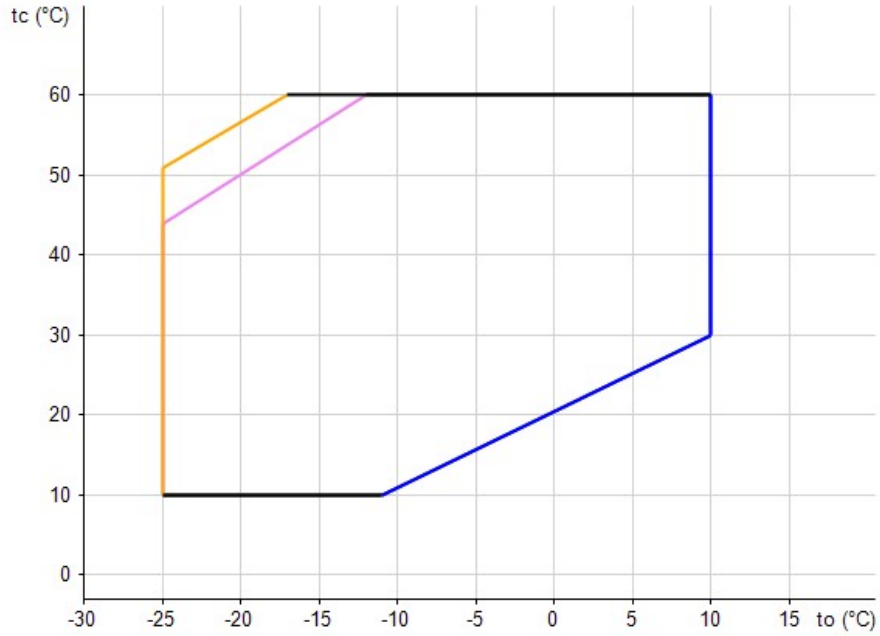


Minimum Evaporating Temp. With:

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
27.0	4.93	6.15	7.55	9.14	10.95	12.95	15.15	16.05	17.55
32.0	4.53	5.67	6.97	8.46	10.15	12.00	14.05	14.90	16.25
38.0	4.04	5.07	6.26	7.60	9.12	10.80	12.70	13.45	14.70
43.0	3.62	4.56	5.64	6.86	8.24	9.79	11.50	12.25	13.40
46.0		4.25	5.25	6.40	7.71	9.17	10.80	11.50	
49.0		3.92	4.86	5.94	7.16	8.53			

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	3.01	3.18	3.37	3.56	3.77	3.99	4.23	4.33	4.49
32.0	3.25	3.43	3.63	3.84	4.06	4.29	4.54	4.65	4.82
38.0	3.57	3.77	3.98	4.20	4.44	4.69	4.95	5.07	5.24
43.0	3.86	4.08	4.30	4.54	4.79	5.05	5.33	5.44	5.62
46.0		4.28	4.51	4.76	5.01	5.28	5.56	5.68	
49.0		4.50	4.74	4.99	5.25	5.52			

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	6.32	6.48	6.65	6.84	7.05	7.28	7.55	7.66	7.85
32.0	6.54	6.71	6.91	7.12	7.36	7.62	7.91	8.04	8.25
38.0	6.84	7.05	7.27	7.52	7.79	8.09	8.42	8.56	8.79
43.0	7.15	7.38	7.63	7.91	8.21	8.54	8.90	9.06	9.30
46.0		7.61	7.88	8.17	8.49	8.83	9.22	9.38	
49.0		7.86	8.14	8.45	8.79	9.16			

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	43.90	54.10	65.90	79.30	94.70	112.00	131.50	140.00	154.00
32.0	43.40	53.60	65.30	78.60	93.90	111.00	130.50	139.00	153.00
38.0	42.70	52.80	64.40	77.70	92.80	110.00	129.50	138.00	151.50
43.0	42.00	52.10	63.60	76.70	91.80	109.00	128.50	137.00	151.00
46.0		51.70	63.10	76.20	91.20	108.50	128.00	137.00	
49.0		51.30	62.60	75.60	90.60	108.00			

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