



Minimum Evaporating Temp. With:

- 20 °C Suction Gas Return
- Maximum Evaporating Temperature
- Maximum Pressure Limit

Suction Superheat 11.1K

Liquid Subcooling 8.3K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	17.40	21.70	26.70	32.10	38.10	44.60	47.30	51.50
32.0	16.30	20.40	25.10	30.20	35.80	41.90	44.40	48.40
38.0	15.00	18.85	23.20	27.90	33.10	38.60	41.00	44.60
43.0	13.85	17.50	21.60	26.00	30.80	35.90	38.10	41.40
46.0	13.20	16.75	20.60	24.80	29.40	34.30	36.40	39.50
49.0		15.95	19.65	23.70	28.00	32.70	34.60	37.60

Ambient °C	Total Power Input, kW							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	8.23	9.23	10.30	11.40	12.55	13.80	14.30	15.10
32.0	8.52	9.58	10.75	11.95	13.20	14.55	15.10	15.95
38.0	8.82	9.98	11.20	12.55	13.95	15.40	16.00	16.90
43.0	9.06	10.30	11.60	13.00	14.50	16.05	16.70	17.70
46.0	9.18	10.45	11.80	13.25	14.80	16.45	17.10	18.15
49.0		10.60	12.00	13.55	15.15	16.80	17.50	18.55

Ambient °C	Current at 400 V, A							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	16.97	18.05	19.28	20.65	22.16	23.82	24.52	25.63
32.0	17.27	18.46	19.82	21.33	23.00	24.83	25.61	26.83
38.0	17.61	18.92	20.43	22.12	23.98	26.02	26.88	28.23
43.0	17.85	19.28	20.91	22.75	24.77	26.98	27.92	29.38
46.0	17.98	19.47	21.19	23.11	25.23	27.55	28.53	30.06
49.0		19.66	21.45	23.46	25.68	28.11	29.13	30.73

Ambient °C	Mass Flow, g/s							
	-20.0	-15.0	-10.0	-5.0	0.0	5.0	7.0	10.0
27.0	104.50	133.00	167.50	208.00	256.00	311.00	336.00	376.00
32.0	102.00	131.00	165.00	205.00	252.00	306.00	331.00	370.00
38.0	99.00	127.50	161.00	200.00	246.00	300.00	324.00	364.00
43.0	96.30	124.50	158.00	196.50	242.00	295.00	319.00	358.00
46.0	94.60	123.00	155.50	194.00	239.00	292.00	315.00	354.00
49.0		121.00	153.50	191.50	236.00	288.00	312.00	350.00

**CONDENSING UNIT MECHANICAL AND PHYSICAL DATA**

Condenser/Fan Type	W9/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	1107/1600
Height, mm	875
Base mounting (hole dia), mm	1435 x 535 (18)
Gross Weight, kg	472
Net Weight, kg	358
Receiver Capacity, l	18.9
Liquid Line, inch	7/8
Air Flow, m <sup>3</sup> /s	3.33
High Side PS gauge, bar	31
Low Side PS gauge, bar	22.5
Suction Type	Fixed Valve
Suction Diameter, inch	2 1/8
Sound Pressure @ 10m, dBA	57

**CONDENSING UNIT ELECTRICAL DATA (380-420 V / 3~ / 50 Hz)**

Condenser Fan Current for 1 fan (single phase)	1.85 / 2.25
Compressor Maximum Operating Current, A	39
Compressor Locked Rotor Current, A	175

**ACCESSORIES INCLUDED****ACCESSORIES OPTIONAL****MOTOR OPTIONS**

<b>Motor Code</b>	<b>Power Supply</b>	<b>Nominal Voltage, V</b>	<b>Start Connection</b>	<b>DOL Connection</b>	<b>Amps Factor</b>
AWM	380-420 V / 3~ / 50 Hz	400	YY/Y	Y	1.00