



Minimum Evaporating Temp. With:

- 20 K Suction Superheat
- 20 °C Suction Gas Return
- 0 °C Suction Gas Return
- Maximum Evaporating Temperature
- Maximum Pressure Limit

Suction Return Temperature 18.3°C

Liquid Subcooling 0.0K

Evaporating Temperature, °C

Ambient °C	Cooling Capacity, kW									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			13.70	17.35	21.40	25.80	30.60	35.60	40.80	46.20
32.0				15.80	19.55	23.60	28.00	32.50	37.30	
38.0					17.30	20.90	24.80	28.90		
43.0					15.45	18.70	22.10			
46.0						17.35				
49.0										

Ambient °C	Total Power Input, kW									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			10.40	12.15	14.05	16.05	18.20	20.50	22.90	25.40
32.0				12.35	14.35	16.45	18.70	21.10	23.60	
38.0					14.60	16.80	19.20	21.70		
43.0					14.70	17.05	19.55			
46.0						17.15				
49.0										

Ambient °C	Current at 400 V, A									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			19.78	21.99	24.51	27.33	30.46	33.89	37.63	41.68
32.0				22.25	24.93	27.92	31.22	34.84	38.76	
38.0					25.29	28.49	32.01	35.84		
43.0					25.46	28.83	32.53			
46.0						28.98				
49.0										

Ambient °C	Mass Flow, g/s									
	-50.0	-45.0	-40.0	-35.0	-30.0	-25.0	-20.0	-15.0	-10.0	-5.0
27.0			99.00	129.50	165.50	208.00	258.00	317.00	387.00	472.00
32.0				125.00	160.00	202.00	251.00	310.00	381.00	
38.0					153.50	194.50	243.00	302.00		
43.0					147.50	187.50	236.00			
46.0						183.50				
49.0										

### **CONDENSING UNIT MECHANICAL AND PHYSICAL DATA**

Condenser/Fan Type	W9/611
Number of Fans	2
Total Fan Power Input, W	800
Depth/Width, mm	1108/1600
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	28
Low Side PS gauge, bar	22.5
Suction Type	Fixed Valve
Suction Diameter, inch	2 1/8
Sound Pressure @ 10m, dBA	60

### **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	44.5
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