

# Specifications



**Sentinel  
Series**

## Ducted Split System

<b>Model Number</b>	<b>DS025</b>
<b>Performance</b>	
Net Cooling * Total Sensible	Total/Sensible @208-230V
@10°F (minus 12°C) condenser inlet air	4100/3178 BTUH
@40°F (4°C) condenser inlet air	3793/3178 BTUH
@60°F (15°C) condenser inlet air	3485/3075 BTUH
@70°F (21°C) condenser inlet air	3690/3075 BTUH
@80°F (27°C) condenser inlet air	3485/3178 BTUH
@100°F (32°C) condenser inlet air	3178/2768 BTUH
@115°F (46°C) condenser inlet air	2973/2563 BTUH
@122°F (50°C) condenser inlet air	2460/2460 BTUH
<b>Controls</b>	
Type	Room mounted non-programmable combination thermostat humidistat
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 10% RH
<b>Fan-coil Section</b>	
Fan Motor Size	90 Rated Watts
Rated Air Flow (free blow)	236 CFM
Rated Air Flow @ Max allow pressure loss	226 @ 0.10"wc / CFM
<b>Heat (Option)</b>	
Type	Electric
Capacity	1000 Watts
<b>Humidifier (Option)</b>	
Type	Removeable drip pad with integral fan
Capacity - water temp of 60°F (15°C)	0.42 lbs/hr
Capacity - water temp of 90°F (32°C)	0.97 lbs/hr
Capacity - water temp of 120°F (49°C)	1.11 lbs/hr
<b>Electrical Requirements - Evaporator Section</b>	
Power	115 Volts/1 phase/60Hz
Current Draw - Cooling mode	0.8 Amps
Current Draw - Heating mode	9.4 Amps
Minimum Circuit Size (w/heat option)	11.6Amps
Optional Humidifier	0.3 Amps
<b>Cabinet - Evaporator Section</b>	
Fan coil construction	Aluminum chassis & UL rated plastic panels
Finish	Gray metal epoxy powder coat/textured PVC Acrylic blend
Weight	80lbs
Length	21.43 inches
Width	16.60 inches
Height	15.56 inches
Condensate Drain	0.5 inches
<b>Condensing Unit</b>	
<b>DS025 Cond</b>	
Nominal Compressor	3.1 Amps
Fan Motor Size	75 Watts
Rated Air Flow (free blow)	275 CFM
Weight	75 lbs
<b>Enclosure - Condensing Unit</b>	
Construction	Aluminum
Finish	Anodized
Width	12 inches
Length	34 inches
Height	26 inches
<b>Electrical Requirements - Condensing Unit</b>	
Power	208/230 Volts/1 Phase/60Hz
MCA	4.2 Amps
MOP	8.0 Amps
<b>Agency Approval(s)</b>	
ETLc	

1. Net cooling capacity at entering temperature and humidity conditions of 57 Deg F (14 Deg C) and 55% RH at rated airflow. Reduce capacity by 3% for each 10% reduction in evaporator airflow.

2. Wine Guardian reserves the right to make changes to this document without prior notice at its sole discretion.

3. All ratings at sea level.

4. All btuh capacity and airflow (CFM) values shown are at tested 230v applied on 208/230v rated units (Condensing units and larger evaporators). If field application allows 208v applied to the units dual rated, you can generally expect 2.5%-3.0% decreases in values shown.