

# SPECIFICATIONS



## Ceiling Mount Split System - Standard And Wine Wall

Model Number	CS025		CS050		WGC40		WGC75	
<b>Performance</b>								
Air flow setting at fan-coil	140CFM (factory)		190CFM (factory)		238 m <sup>3</sup> /hr (factory)		323 m <sup>3</sup> /hr (factory)	
Net Cooling * Total Sensible	Total/Sensible		Total/Sensible		Total/Sensible		Total/Sensible	
@30°F (minus 1°C) condenser inlet air	2970/2400 BTUH		4430/3500 BTUH		940/790 watts		1510/1220 watts	
@40°F (4°C) condenser inlet air	2900/2370 BTUH		4420/3500 BTUH		940/790 watts		1510/1220 watts	
@60°F (15°C) condenser inlet air	2900/2360 BTUH		4400/3500 BTUH		920/780 watts		1450/1190 watts	
@70°F (21°C) condenser inlet air	2900/2370 BTUH		4300/3400 BTUH		900/770 watts		1400/1160 watts	
@80°F (27°C) condenser inlet air	2755/2285 BTUH		4050/3280 BTUH		870/750 watts		1340/1120 watts	
@100°F (32°C) condenser inlet air	2400/2100 BTUH		3500/2930 BTUH		780/700 watts		1160/1030 watts	
@115°F (46°C) condenser inlet air	2200/2000 BTUH		3080/2850 BTUH		690/650 watts		980/930 watts	
<b>Controls</b>								
Type	Room-mounted, non-programmable combination thermostat humidistat							
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 5% RH							
<b>Fan-coil Section</b>								
Fan Motor Size (Amps/Watts) rating	.75 / 85 (x2 fans)		.75 / 85 (x2 fans)		.75 / 85 (x2 fans)		.75 / 85 (x2 fans)	
Rated Air Flow (free blow)	140 CFM		190 CFM		238 m <sup>3</sup> /hr		323 m <sup>3</sup> /hr	
<b>Heat (Option)</b>								
Type	Electric							
Capacity	1000 Watts							
<b>Humidifier (Option)</b>								
Type	Free Standing with removeable drip pad and integral fan							
Capacity - water temp of 60°F (15°C)	0.42 lbs/hr				0.19 kg/hr			
Capacity - water temp of 90°F (32°C)	0.97 lbs/hr				0.44 kg/hr			
Capacity - water temp of 120°F (49°C)	1.11 lbs/hr				0.5 kg/hr			
<b>Electrical Requirements - Evaporator Section</b>								
Power	115 Volts/1 phase/60Hz		115 Volts/1 phase/60Hz		220/240 Volts/1 Phase/50Hz		220/240 Volts/1 Phase/50Hz	
Current Draw - Cooling mode	1.5 Amps		1.5 Amps		.6 Amps			
Current Draw - Heating mode	10.2 Amps		10.2 Amps		4.8 Amps			
Minimum Circuit Size (w/heat option)	12.4 Amps		12.4 Amps		5.9 Amps			
Optional Free Standing Humidifier	0.3 Amps		0.3 Amps		0.3 Amps			
<b>Cabinet - Evaporator Section</b>								
	<b>Standard</b>	<b>Wine Wall</b>	<b>Standard</b>	<b>Wine Wall</b>	<b>Standard</b>	<b>Wine Wall</b>	<b>Standard</b>	<b>Wine Wall</b>
Weight	48 lbs	43 lbs	48 lbs	43 lbs	N/A	19.5 kg	21.8 kg	19.5 kg
Length	43.25 in	44.19 in	43.25 in	44.19 in	N/A	112.25 cm	109.9 cm	112.25 cm
Width	18.25 in	12.44 in	18.25 in	12.44 in	N/A	31.6 cm	46.4 cm	31.6 cm
Height	13.25 in	11.43 in	13.25 in	11.43 in	N/A	29 cm	33.7 cm	29 cm
Finish	Paintable anodized aluminum grille	Paintable black aluminum grille	Paintable anodized aluminum grille	Paintable black aluminum grille	N/A	Paintable black aluminum grille	Paintable anodized aluminum grille	Paintable black aluminum grille
Condensate Drain	1/2 inch				1.3cm			
<b>Condensing Unit</b>								
	<b>DS025 Cond</b>		<b>DS050 Cond</b>		<b>WGS40</b>		<b>WGS75 Cond</b>	
Nominal Compressor	3.1 Amps		4.8 Amps		3.1 Amps		4.6 Amps	
Fan Motor Size	75 Watts		75 Watts		68 Watts			
Rated Air Flow (free blow)	275 CFM		375 CFM		570 m <sup>3</sup> /hr			
Weight	75 lbs		76 lbs		35 kg			
<b>Enclosure - Condensing Unit</b>								
Construction	Aluminum							
Finish	Powder-coated							
Length	34 inches		34 inches		86.4 cm		86.4 cm	
Width	12 inches		12 inches		30.5 cm		30.5 cm	
Height	26 inches		26 inches		66 cm		66 cm	
<b>Electrical Requirements - Condensing Unit</b>								
Power	208-230 Volts/1 Phase/60Hz				220-240 Volts/1 Phase/50Hz			
MCA	4.2 Amps		6.4 Amps		4.6 Amps		5.2 Amps	
MOP	8.0 Amps		10.0 Amps		7.6 Amps		9.0 Amps	
<b>Agency Approval(s)</b>								
	ETLc				CE			

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 (220V for 50Hz) 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.