

SPECIFICATIONS



Ceiling Mount Split System

Model Number	CS025	CS050
Performance		
Air flow setting at fan-coil	140CFM (factory)	190CFM (factory)
Net Cooling * Total Sensible	Total/Sensible	Total/Sensible
@30°F (minus 1°C) condenser inlet air	2970/2400 BTUH	4430/3500 BTUH
@40°F (4°C) condenser inlet air	2900/2370 BTUH	4420/3500 BTUH
@60°F (15°C) condenser inlet air	2900/2360 BTUH	4400/3500 BTUH
@70°F (21°C) condenser inlet air	2900/2370 BTUH	4300/3400 BTUH
@80°F (27°C) condenser inlet air	2755/2285 BTUH	4050/3280 BTUH
@100°F (32°C) condenser inlet air	2400/2100 BTUH	3500/2930 BTUH
@115°F (46°C) condenser inlet air	2200/2000 BTUH	3080/2850 BTUH
Controls		
Type	Room mounted non-programmable combination thermostat humidistat	
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 5% RH	
Fan-coil Section		
Fan Motor Size (Amps/Watts) rating	.75 / 85 (x2 fans)	.75 / 85 (x2 fans)
Rated Air Flow (free blow)	140 CFM	190 CFM
Heat (Option)		
Type	Electric	Electric
Capacity	1000 Watts	1000 Watts
Humidifier (Option)		
Type	Free Standing with removeable drip pad and 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	
Electrical Requirements - Evaporator Section		
Power	115 Volts/1 phase/60Hz	115 Volts/1 phase/60Hz
Current Draw - Cooling mode	1.5 Amps	1.5 Amps
Current Draw - Heating mode	10.2 Amps	10.2 Amps
Minimum Circuit Size (w/heat option)	12.4 Amps	12.4 Amps
Optional Free Standing Humidifier	0.3 Amps	0.3 Amps
Cabinet - Evaporator Section		
Fan coil construction	Aluminum	
Finish	Paintable anodized aluminum grille, chassis is unpainted raw aluminum	
Weight	51 lbs	51 lbs
Length	36.5 Inches	36.5 Inches
Width - Chassis/Diffuser	10.2/18.1 inches	10.2/18.1 inches
Height - Chassis/ With diffuser	9.6/ 12.7 inches	9.6/ 12.7 inches
Condensate Drain	0.5 inches	0.5 inches
Condensing Unit		
	DS025 Cond	DS050 Cond
Nominal Compressor	3.1 Amps	4.8 Amps
Fan Motor Size	75 Watts	75 Watts
Rated Air Flow (free blow)	275 CFM	375 CFM
Weight	75 lbs	76 lbs
Enclosure - Condensing Unit		
Construction	Aluminum	Aluminum
Finish	Powder-coated	Powder-coated
Width	12.3 inches	12.3 inches
Length	34.0 inches	34.0 inches
Height	26.07 inches	26.07 inches
Electrical Requirements - Condensing Unit		
Power	208/230 Volts/1 Phase/60Hz	208/230 Volts/1 Phase/60Hz
MCA	4.2 Amps	6.4 Amps
MOP	8.0 Amps	10.0 Amps
Agency Approval(s)		
	ETLc	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.