

SPECIFICATIONS



Ceiling Mount Split System

Model Number	CS025	CS050	WGC60
Performance			
Air flow setting at fan-coil	140CFM (factory)	190CFM (factory)	323M ³ /hr (factory)
Net Cooling * Total Sensible	Total/Sensible	Total/Sensible	Total/Sensible
@30°F (minus 1°C) condenser inlet air	2970/2400 BTUH	4430/3500 BTUH	1085/870 Watts
@40°F (4°C) condenser inlet air	2900/2370 BTUH	4420/3500 BTUH	1080/865 Watts
@60°F (15°C) condenser inlet air	2900/2360 BTUH	4400/3500 BTUH	1056/825 Watts
@70°F (21°C) condenser inlet air	2900/2370 BTUH	4300/3400 BTUH	1050/820 Watts
@80°F (27°C) condenser inlet air	2755/2285 BTUH	4050/3280 BTUH	990/780 Watts
@100°F (32°C) condenser inlet air	2400/2100 BTUH	3500/2930 BTUH	855/675 Watts
@115°F (46°C) condenser inlet air	2200/2000 BTUH	3080/2850 BTUH	752/600 Watts
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)	.75 / 85 (x2 fans)
Rated Air Flow (free blow)	140 CFM	190 CFM	323M ³ /hr
Heat (Option)			
Type	Electric	Electric	Electric
Capacity	1000 Watts	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		.19 kg/hr
Capacity - water temp of 90°F (32°C)	0.97 lbs/hr		.44 kg/hr
Capacity - water temp of 120°F (49°C)	1.11 lbs/hr		0.5 kg/hr
Electrical Requirements - Evaporator Section			
Power	115 Volts/1 phase/60Hz	115 Volts/1 phase/60Hz	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
Cabinet - Evaporator Section			
Fan coil construction	Aluminum		
Finish	Paintable anodized aluminum grille, chassis is unpainted raw aluminum		
Weight	51 lbs	51 lbs	23 kg
Length	36 ^{1/2} inches	36 ^{1/2} inches	92.7cm
Width - Chassis/Diffuser	10 ^{1/8} / 18 ^{1/8} inches	10 ^{1/8} / 18 ^{1/8} inches	25.7cm / 46cm
Height - Chassis/ With diffuser	9 ^{1/2} / 12 ^{3/4} inches	9 ^{1/2} / 12 ^{3/4} inches	24.1cm / 32.4cm
Condensate Drain	1/2 inch	1/2 inch	1.3cm
Condensing Unit			
	DS025 Cond	DS050 Cond	WGS75 Cond
Nominal Compressor	3.1 Amps	4.8 Amps	3.9 Amps
Fan Motor Size	75 Watts	75 Watts	68 Watts
Rated Air Flow (free blow)	275 CFM	375 CFM	850 M ³ /h
Weight	75 lbs	76 lbs	35 kg
Enclosure - Condensing Unit			
Construction	Aluminum		
Finish	Powder-coated		
Length	34 inches	34 inches	86.4 cm
Width	12 inches	12 inches	30.5 cm
Height	26 inches	26 inches	66 cm
Electrical Requirements - Condensing Unit			
Power	208-230 Volts/1 Phase/60Hz	208-230 Volts/1 Phase/60Hz	220-240 Volts/1 Phase/50Hz
MCA	4.2 Amps	6.4 Amps	5.2 Amps
MOP	8.0 Amps	10.0 Amps	9.0 Amps
Agency Approval(s)	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.