

SPECIFICATIONS



Ducted Split System -

Model Number	DS025	DS050	DS088
Performance			
Net Cooling * Total Sensible	Total/Sensible @208/230V	Total/Sensible @208/230V	Total/Sensible @208-230V
@10°F (minus 12°C) condenser inlet air	4000/3100 BTUH	5400/4100 BTUH	10500/8400 BTUH
@40°F (4°C) condenser inlet air	3700/3100 BTUH	6300/4900 BTUH	10600/8600 BTUH
@60°F (15°C) condenser inlet air	3400/3000 BTUH	6600/5200 BTUH	10200/8200 BTUH
@70°F (21°C) condenser inlet air	3600/3000 BTUH	6500/5000 BTUH	10100/7700 BTUH
@80°F (27°C) condenser inlet air	3400/3100 BTUH	6300/4900 BTUH	9600/7500 BTUH
@100°F (32°C) condenser inlet air	3100/2700 BTUH	5600/4400 BTUH	9000/6900 BTUH
@115°F (46°C) condenser inlet air	2900/2500 BTUH	5000/3700 BTUH	8500/6500 BTUH
@122°F (50°C) condenser inlet air	2400/2400 BTUH	4700/3400 BTUH	
Controls			
Type	Room mounted non-programmable combination thermostat humidistat		
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 10% RH		
Fan-coil Section			
Fan Motor Size	90 Rated Watts	115 Rated Watts	220 Rated Watts
Rated Air Flow (free blow)	230 CFM	410 CFM	N/A
Rated Air Flow @ Max allow pressure loss	220 @ 0.10"wc / CFM	380 @ 0.20" wc / CFM	445 CFM
Heat (Option)			
Type	Electric	Electric	Electric
Capacity	1000 Watts	1000 Watts	2000 Watts
Humidifier (Option)			
Type	Removeable drip pad with integral fan		
Capacity - water temp of 60°F (15°C)	0.42 lbs/hr	0.42 lbs/hr	0.42 lbs/hr
Capacity - water temp of 90°F (32°C)	0.97 lbs/hr	0.97 lbs/hr	0.97 lbs/hr
Capacity - water temp of 120°F (49°C)	1.11 lbs/hr	1.11 lbs/hr	1.11 lbs/hr
Electrical Requirements - Evaporator Section			
Power	115 Volts/1 phase/60Hz	115 Volts/1 phase/60Hz	208-230Volts/1 phase/60Hz
Current Draw - Cooling mode	0.8 Amps	0.9 Amps	1.05 Amps
Current Draw - Heating mode	9.4 Amps	9.6 Amps	10.7 Amps
Minimum Circuit Size (w/heat option)	11.6Amps	11.8 Amps	13.1 Amps
Optional Humidifier	0.3 Amps	0.3 Amps	0.3 Amps
Cabinet - Evaporator Section			
Fan coil construction	Aluminum		
Finish	Black - textured epoxy powder coat		
Weight	25 lbs	35 lbs	37 lbs
Length	16.7 inches	16.7 inches	16.75 Inches
Width	14.0 inches	22.0 inches	22.00 inches
Height	14.1 inches	14.1 inches	14.13 Inches
Condensate Drain	0.5 inches	0.51 inches	0.51 inches
Condensing Unit			
	DS025 Cond	DS050 Cond	DS088 Cond
Nominal Compressor	3.1 Amps	4.8 Amps	11.3 Amps
Fan Motor Size	75 Watts	75 Watts	150 watts
Rated Air Flow (free blow)	500 CFM	500 CFM	420 CFM
Weight	75 lbs	76 lbs	152 lbs
Enclosure - Condensing Unit			
Construction	Aluminum	Aluminum	Aluminum
Finish	Powder-coated	Powder-coated	Powder-coated
Width	9.0 inches	12.3 inches	12.3 inches
Length	34.0 inches	34.0 inches	34.0 inches
Height	25.12 inches	26.07 inches	26.07 inches
Electrical Requirements - Condensing Unit			
Power	208/230 Volts/1 Phase/60Hz	208/230 Volts/1 Phase/60Hz	208-230 Volts/1 Phase/60Hz
MCA	4.2 Amps	6.4 Amps	14.9 Amps
MOP	8.0 Amps	10.0 Amps	25 Amps
Agency Approval(s)	ETLc	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.