

Specifications



Ducted Split System

Model Number	DS025	DS050	DS088	DS200
Performance				
Net Cooling * Total Sensible	Total/Sensible @208-230V	Total/Sensible @208-230V	Total/Sensible @208-230V	Total/Sensible @208-230V
@ 10°F (minus 12°C) condenser inlet air	4100/3178 BTUH	5535/4203 BTUH	10763/8610 BTUH	N/A
@ 40°F (4°C) condenser inlet air	3793/3178 BTUH	6458/5023 BTUH	10865/8815 BTUH	17118/11173 BTUH
@ 60°F (15°C) condenser inlet air	3485/3075 BTUH	6765/5330 BTUH	10455/8405 BTUH	17425/11173 BTUH
@ 70°F (21°C) condenser inlet air	3690/3075 BTUH	6663/5125 BTUH	10353/7893 BTUH	16195/10968 BTUH
@ 80°F (27°C) condenser inlet air	3485/3178 BTUH	6458/5023 BTUH	9840/7688 BTUH	15785/10455 BTUH
@ 100°F (32°C) condenser inlet air	3178/2768 BTUH	5740/4510 BTUH	9225/7073 BTUH	14145/9738 BTUH
@ 115°F (46°C) condenser inlet air	2973/2563 BTUH	5125/3793 BTUH	8713/6663 BTUH	12608/8815 BTUH
@ 122°F (50°C) condenser inlet air	2460/2460 BTUH	4818/3485 BTUH	N/A	N/A
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	180 Rated Watts
Rated Air Flow (free blow)	236 CFM	410 CFM	482 CFM	759 CFM
Rated Air Flow @ Max allow pressure loss	226 @ 0.10"wc / CFM	359 @ 0.20" wc / CFM	457 @ 0.20" wc / CFM	728 CFM @ 0.35" wc / CFM
Heat (Option)				
Type	Electric	Electric	Electric	Electric
Capacity	1000 Watts	1000 Watts	2000 Watts	2000 Watts
Humidifier (Option)				
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			
Electrical Requirements - Evaporator Section				
Power	115 Volts/1 phase/60Hz	115 Volts/1 phase/60Hz	208-230Volts/1 phase/60Hz	208-230Volts/1 phase/60Hz
Current Draw - Cooling mode	0.8 Amps	0.9 Amps	0.8 Amps	0.8 Amps
Current Draw - Heating mode	9.4 Amps	9.6 Amps	9.5 Amps	9.5 Amps
Minimum Circuit Size (w/heat option)	11.6Amps	11.8 Amps	11.7 Amps	11.7 Amps
Optional Humidifier	0.3 Amps	0.3 Amps	0.3 Amps	0.3 Amps
Cabinet - Evaporator Section				
Fan coil construction	Aluminum chassis & UL rated plastic panels			
Finish	Gray metal epoxy powder coat/textured PVC Acrylic blend			
Weight	35lbs	54lbs	58lbs	69lbs
Length	21.43 inches	23.81 inches	23.81 inches	23.81 inches
Width	16.60 inches	25.04 inches	25.04 inches	25.04 inches
Height	15.56 inches	19.65 inches	19.65 inches	19.65 inches
Condensate Drain	0.5 inches	0.5 inches	0.5 inches	0.5 inches
Condensing Unit				
	DS025 Cond	DS050 Cond	DS088 Cond	DS200 Cond
Nominal Compressor	3.1 Amps	4.8 Amps	11.3 Amps	11.3 Amps
Fan Motor Size	75 Watts	75 Watts	150 watts	150 watts
Rated Air Flow (free blow)	275 CFM	375 CFM	420 CFM	875 CFM
Weight	75 lbs	76 lbs	96 lbs	120 lbs
Enclosure - Condensing Unit				
Construction	Aluminum			
Finish	Anodized			
Width	12 inches	12 inches	12 inches	12 inches
Length	34 inches	34 inches	34 inches	34 inches
Height	26 inches	26 inches	26 inches	26 inches
Electrical Requirements - Condensing Unit				
Power	208/230 Volts/1 Phase/60Hz	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	24.4 Amps
MOP	7.0 Amps	10.0 Amps	25 Amps	35 Amps

Agency Approval(s) 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.