



SPECIFICATIONS



Ducted Split System - 60Hz and 50Hz

Model Number	DS025	WGS40	DS050
Performance			
Net Cooling * Total Sensible	Total/Sensible @115V	Total/Sensible @220-240V	Total/Sensible @115
@10 Deg F (minus 12 Deg C) condenser inlet air	4000/3100 BTUH	1140/879 Watts	4380/3240 Watts
@40 Deg F (4 Deg C) condenser inlet air	3700/3100 BTUH	1140/937 Watts	5370/3890 Watts
@60 Deg F (15 Deg C) condenser inlet air	3400/3000 BTUH	1115/860 Watts	5770/4170 Watts
@70 Deg F (21 Deg C) condenser inlet air	3600/3000 BTUH	1110/850 Watts	5550/4260 Watts
@80 Deg F (27 Deg C) condenser inlet air	3400/3100 BTUH	1055/835 Watts	5500/4250 Watts
@100 Deg F (32 Deg C) condenser inlet air	3100/2700 BTUH	965/730 Watts	4650/3630 Watts
@115 Deg F (46 Deg C) condenser inlet air	2900/2500 BTUH	850/675 Watts	4640/3360 Watts
Controls			
Type	Room mounted non-programmable combination thermostat humidistat		
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 10% RH		
Fan-coil Section	Rated Watts	Rated Watts	Rated Watts
Fan Motor Size	90 Rated Watts	85 Rated Watts	100 Rated Watts
Rated Air Flow (free blow)	230 CFM	390 M ³ h	410 CFM
Heat (Option)			
Type	Electric	Electric	Electric
Capacity	1000 Watts	1000 Watts	1000 Watts
Humidifier (Option)			
Type	Removeable drip pad with integral fan		
Capacity - water temp of 60 Deg F (15 Deg C)	0.42 lbs/hr	1.19 kg/hr	0.42 lbs/hr
Capacity - water temp of 90 Deg F (32 Deg C)	0.97 lbs/hr	1.44 kg/hr	0.97 lbs/hr
Capacity - water temp of 120 Deg F (49 Deg C)	1.11 lbs/hr	1.5 kg/hr	1.11 lbs/hr
Electrical Requirements - Evaporator Section			
Power	115 Volt /1 phase /60Hz	220-240Volts /1 phase / 50Hz	115 Volt /1 phase /60Hz
Current Draw - Cooling mode	0.8 Amps	0.4 Amps	0.9 Amps
Current Draw - Heating mode	9.4 Amps	4.75 Amps	9.6 Amps
Minimum Circuit Size (w/heat option)	11.6Amps	5.84 Amps	11.8 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	11.3 kg	35 lbs
Length	16.7 inches	42.5 cm	16.75 inches
Width	14.0 inches	35.6 cm	22.00 inches
Height	14.1 inches	35.8 cm	14.13 inches
Condensate Drain	0.5 inches	12.7 mm	0.5 inches
Condensing Unit			
	DS025 Cond	WGS40 Cond	DS050 Cond
Nominal Compressor	1/3 hp	1/3 hp	1/2 hp
Fan Motor Size	75 Watts	68 Watts	75 Watts
Rated Air Flow (free blow)	500 CFM	850 M ³ h	450 CFM
Weight	75 lbs	34 kg	79 lbs.
Enclosure - Condensing Unit			
Construction	Aluminum	Aluminum	Aluminum
Finish	Powder-coated	Powder-coated	Powder-coated
Length	9.0 inches	22.86 cm	34.00 inches
Width	34.0 inches	86.36 cm	12.15 inches
Height	25.12 inches	63.80 cm	26.07 inches
Electrical Requirements - Condensing Unit			
Power	208/230 Volts /1 Phase /60Hz	220-240 Volts /1 Phase /50Hz	208/230 Volt /1 phase /60Hz
MCA	4.2 Amps	3.7 Amps	6.5 Amps
MOP	8.0 Amps	7.0 Amps	10 Amps
Agency Approval(s)	ETLc	CE	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.