

# Specifications



## Ducted Split Systems - 50Hz

<b>Model Number</b>	<b>WGS40</b>
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### Performance

Net Cooling * Total Sensible	Total/Sensible @220-2400V
@10°F (minus 12°C) condenser inlet air	1140/879 Watts
@40°F (4°C) condenser inlet air	1140/937 Watts
@60°F (15°C) condenser inlet air	1115/860 Watts
@70°F (21°C) condenser inlet air	1110/850 Watts
@80°F (27°C) condenser inlet air	1055/835 Watts
@100°F (32°C) condenser inlet air	965/730 Watts
@115°F (46°C) condenser inlet air	850/675 Watts
@122°F (50°C) condenser inlet air	640/640 Watts

### Controls

Type	Room mounted non-programmable combination thermostat humidistat
Temperature Accuracy/RH% Accuracy	+/- 1 Deg F / +/- 10% RH

### Fan-coil Section

Fan Motor Size	85 Rated Watts
Rated Air Flow (free blow)	390 M <sup>3</sup> /h
Rated Air Flow @ Max allow pressure loss	374 M <sup>3</sup> /h

### Heat (Option)

Type	Electric
Capacity	1000 Watts

### Humidifier (Option)

Type	Removeable drip pad with integral fan
Capacity - water temp of 60°F (15°C)	.19 kg/hr
Capacity - water temp of 90°F (32°C)	.44 kg/hr
Capacity - water temp of 120°F (49°C)	0.5 kg/hr

### Electrical Requirements - Evaporator Section

Power	220-240Volts/1 phase/50Hz
Current Draw - Cooling mode	0.4 Amps
Current Draw - Heating mode	4.75 Amps
Minimum Circuit Size (w/heat option)	5.84 Amps
Optional Humidifier	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	15.87kg
Length	54.43 cm
Width	42.16 cm
Height	39.52 cm
Condensate Drain	12.7 mm

### Condensing Unit

	<b>WGS40 Cond</b>
Nominal Compressor	2.6 Amps
Fan Motor Size	68 Watts
Rated Air Flow (free blow)	850 M <sup>3</sup> /h
Weight	34 kg

### Enclosure - Condensing Unit

Construction	Aluminum
Finish	Anodized
Length	86.4 cm
Width	30.5 cm
Height	66 cm

### Electrical Requirements - Condensing Unit

Power	220-240 Volts/1 Phase/50Hz
MCA	3.7 Amps
MOP	6.0 Amps

### Agency Approval(s)

	CE
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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.