

SPECIFICATIONS



Ducted Split Systems - 50Hz

| Model Number | WGS40 | WGS75 | WGS100 | WGS175 |
|---|---|----------------------------|----------------------------|----------------------------|
| Performance | | | | |
| Net Cooling * Total Sensible | Total/Sensible @220-2400V | Total/Sensible @220-240V | Total/Sensible @220-240V | Total/Sensible @220-240V |
| @10°F (minus 12°C) condenser inlet air | 1140/879 Watts | 1600/1300 Watts | 2960/2315 Watts | |
| @40°F (4°C) condenser inlet air | 1140/937 Watts | 1780/1460 Watts | 2930/2285 Watts | 4520/3230 Watts |
| @60°F (15°C) condenser inlet air | 1115/860 Watts | 1715/1440 Watts | 3077/2256 Watts | 4530/2970 Watts |
| @70°F (21°C) condenser inlet air | 1110/850 Watts | 1750/1380 Watts | 2930/2168 Watts | 4420/3000 Watts |
| @80°F (27°C) condenser inlet air | 1055/835 Watts | 1550/1310 Watts | 2813/2110 Watts | 4100/2880 Watts |
| @100°F (32°C) condenser inlet air | 965/730 Watts | 1360/1150 Watts | 2520/1846 Watts | 3900/2720 Watts |
| @115°F (46°C) condenser inlet air | 850/675 Watts | 1300/1080 Watts | 2373/1758 Watts | 3490/2440 Watts |
| @122°F (50°C) condenser inlet air | 640/640 Watts | 1200/1000 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 | 120 Rated Watts | 230 Rated Watts | 290 Rated Watts |
| Rated Air Flow (free blow) | 390 M ³ /h | 680 M ³ /h | N/A | 1325 M ³ /h |
| Rated Air Flow @ Max allow pressure loss | 374 M ³ /h | 630 M ³ /h | 750 M ³ /h | 1200 M ³ /h |
| 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) | .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 | 220-240Volts/1 phase/50Hz | 220-240Volts/1 phase/50Hz | 220-240Volts/1 phase/50Hz |
| Current Draw - Cooling mode | 0.4 Amps | 0.5 Amps | 1.0 Amps | 1.0 Amps |
| Current Draw - Heating mode | 4.75 Amps | 4.70 Amps | 10.7 Amps | 10.7 Amps |
| Minimum Circuit Size (w/heat option) | 5.84 Amps | 5.75 Amps | 13.1 Amps | 13.1 Amps |
| Optional Humidifier | 0.3 Amps | 0.3 Amps | 0.3 Amps | 0.3 Amps |
| Cabinet - Evaporator Section | | | | |
| Fan coil construction | Aluminum | | | |
| Finish | Black - textured epoxy powder coat | | | |
| Weight | 11.3 kg | 15.5 kg | 15.5 kg | 25.4 kg |
| Length | 42.5 cm | 42.5 cm | 42.5 cm | 53.3 cm |
| Width | 35.6 cm | 55.8 cm | 55.8 cm | 55.8 cm |
| Height | 35.8 cm | 35.6 cm | 35.8 cm | 45.7 cm |
| Condensate Drain | 12.7 mm | 12.7 mm | 12.7 mm | 12.7 mm |
| Condensing Unit | | | | |
| | WGS40 Cond | WGS75 Cond | WGS100 Cond | WGS175 Cond |
| Nominal Compressor | 2.6 Amps | 3.9 Amps | 10.8 Amps | 10.8 Amps |
| Fan Motor Size | 68 Watts | 68 Watts | 120 Watts | 120 Watts |
| Rated Air Flow (free blow) | 850 M ³ /h | 850 M ³ /h | 739 M ³ /h | 1486 M ³ /h |
| Weight | 34 kg | 35 kg | 44 kg | 54 kg |
| Enclosure - Condensing Unit | | | | |
| Construction | Aluminum | Aluminum | Aluminum | Aluminum |
| Finish | Powder-coated | Powder-coated | Powder-coated | Powder-coated |
| Width | 31.24 cm | 31.24 cm | 31.24 cm | 31.24 cm |
| Length | 86.36 cm | 86.36 cm | 86.36 cm | 86.36 cm |
| Height | 68.73 cm | 68.73 cm | 68.73 cm | 68.73 cm |
| Electrical Requirements - Condensing Unit | | | | |
| Power | 220-240 Volts/1 Phase/50Hz | 220-240 Volts/1 Phase/50Hz | 220-240 Volts/1 Phase/50Hz | 220-240 Volts/1 Phase/50Hz |
| MCA | 3.7 Amps | 5.2 Amps | 14.2 Amps | 14.2 Amps |
| MOP | 6.0 Amps | 9.0 Amps | 20 amps | 20 amps |
| Agency Approval(s) | | | | |
| | CE | CE | CE | 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.