

# SPECIFICATIONS



## Ceiling Mount Split System - Standard And Wine Wall

| Model Number  | CS025  |                                 | CS050                              |                                 | WGC40                            |                                 | WGC75                              |                                 |
|---|--|---------------------------------|------------------------------------|---------------------------------|----------------------------------|---------------------------------|------------------------------------|---------------------------------|
| <b>Performance</b>                                  |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Air flow setting at fan-coil                        | 140CFM (factory)   |                                 | 190CFM (factory)                   |                                 | 238 m <sup>3</sup> /hr (factory) |                                 | 323 m <sup>3</sup> /hr (factory)   |                                 |
| Net Cooling * Total Sensible                        | Total/Sensible   |                                 | Total/Sensible                     |                                 | Total/Sensible                   |                                 | Total/Sensible                     |                                 |
| @30°F (minus 1°C) condenser inlet air               | 2970/2400 BTUH   |                                 | 4430/3500 BTUH                     |                                 | 940/790 watts                    |                                 | 1510/1220 watts                    |                                 |
| @40°F (4°C) condenser inlet air                     | 2900/2370 BTUH   |                                 | 4420/3500 BTUH                     |                                 | 940/790 watts                    |                                 | 1510/1220 watts                    |                                 |
| @60°F (15°C) condenser inlet air                    | 2900/2360 BTUH   |                                 | 4400/3500 BTUH                     |                                 | 920/780 watts                    |                                 | 1450/1190 watts                    |                                 |
| @70°F (21°C) condenser inlet air                    | 2900/2370 BTUH   |                                 | 4300/3400 BTUH                     |                                 | 900/770 watts                    |                                 | 1400/1160 watts                    |                                 |
| @80°F (27°C) condenser inlet air                    | 2755/2285 BTUH   |                                 | 4050/3280 BTUH                     |                                 | 870/750 watts                    |                                 | 1340/1120 watts                    |                                 |
| @100°F (32°C) condenser inlet air                   | 2400/2100 BTUH   |                                 | 3500/2930 BTUH                     |                                 | 780/700 watts                    |                                 | 1160/1030 watts                    |                                 |
| @115°F (46°C) condenser inlet air                   | 2200/2000 BTUH   |                                 | 3080/2850 BTUH                     |                                 | 690/650 watts                    |                                 | 980/930 watts                      |                                 |
| <b>Controls</b>                                     |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Type  | Room-mounted, non-programmable combination thermostat humidistat |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Temperature Accuracy/RH% Accuracy                   | +/- 1 Deg F / +/- 5% RH  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| <b>Fan-coil Section</b>                             |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Fan Motor Size (Amps/Watts) rating                  | .75 / 85 (x2 fans)   |                                 | .75 / 85 (x2 fans)                 |                                 | .75 / 85 (x2 fans)               |                                 | .75 / 85 (x2 fans)                 |                                 |
| Rated Air Flow (free blow)                          | 140 CFM  |                                 | 190 CFM                            |                                 | 238 m <sup>3</sup> /hr           |                                 | 323 m <sup>3</sup> /hr             |                                 |
| <b>Heat (Option)</b>                                |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Type  | Electric   |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Capacity  | 1000 Watts   |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| <b>Humidifier (Option)</b>                          |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Type  | Free Standing with removeable drip pad and integral fan          |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Capacity - water temp of 60°F (15°C)                | 0.42 lbs/hr  |                                 |                                    |                                 | 0.19 kg/hr                       |                                 |                                    |                                 |
| Capacity - water temp of 90°F (32°C)                | 0.97 lbs/hr  |                                 |                                    |                                 | 0.44 kg/hr                       |                                 |                                    |                                 |
| Capacity - water temp of 120°F (49°C)               | 1.11 lbs/hr  |                                 |                                    |                                 | 0.5 kg/hr                        |                                 |                                    |                                 |
| <b>Electrical Requirements - Evaporator Section</b> |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Power   | 115 Volts/1 phase/60Hz   |                                 | 115 Volts/1 phase/60Hz             |                                 | 220/240 Volts/1 Phase/50Hz       |                                 | 220/240 Volts/1 Phase/50Hz         |                                 |
| Current Draw - Cooling mode                         | 1.5 Amps   |                                 | 1.5 Amps                           |                                 | .6 Amps                          |                                 |                                    |                                 |
| Current Draw - Heating mode                         | 10.2 Amps  |                                 | 10.2 Amps                          |                                 | 4.8 Amps                         |                                 |                                    |                                 |
| Minimum Circuit Size (w/heat option)                | 12.4 Amps  |                                 | 12.4 Amps                          |                                 | 5.9 Amps                         |                                 |                                    |                                 |
| Optional Free Standing Humidifier                   | 0.3 Amps   |                                 | 0.3 Amps                           |                                 | 0.3 Amps                         |                                 |                                    |                                 |
| <b>Cabinet - Evaporator Section</b>                 |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
|   | <b>Standard</b>  | <b>Wine Wall</b>                | <b>Standard</b>                    | <b>Wine Wall</b>                | <b>Standard</b>                  | <b>Wine Wall</b>                | <b>Standard</b>                    | <b>Wine Wall</b>                |
| Weight  | 48 lbs   | 43 lbs                          | 48 lbs                             | 43 lbs                          | N/A                              | 19.5 kg                         | 21.8 kg                            | 19.5 kg                         |
| Length  | 43.25 in   | 44.19 in                        | 43.25 in                           | 44.19 in                        | N/A                              | 112.25 cm                       | 109.9 cm                           | 112.25 cm                       |
| Width   | 18.25 in   | 12.44 in                        | 18.25 in                           | 12.44 in                        | N/A                              | 31.6 cm                         | 46.4 cm                            | 31.6 cm                         |
| Height  | 13.25 in   | 11.43 in                        | 13.25 in                           | 11.43 in                        | N/A                              | 29 cm                           | 33.7 cm                            | 29 cm                           |
| Finish  | Paintable anodized aluminum grille                               | Paintable black aluminum grille | Paintable anodized aluminum grille | Paintable black aluminum grille | N/A                              | Paintable black aluminum grille | Paintable anodized aluminum grille | Paintable black aluminum grille |
| Condensate Drain                                    | 1/2 inch   |                                 |                                    |                                 | 1.3cm                            |                                 |                                    |                                 |
| <b>Condensing Unit</b>                              |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
|   | <b>DS025 Cond</b>  |                                 | <b>DS050 Cond</b>                  |                                 | <b>WGS40</b>                     |                                 | <b>WGS75 Cond</b>                  |                                 |
| Nominal Compressor                                  | 3.1 Amps   |                                 | 4.8 Amps                           |                                 | 3.1 Amps                         |                                 | 4.6 Amps                           |                                 |
| Fan Motor Size                                      | 75 Watts   |                                 | 75 Watts                           |                                 | 68 Watts                         |                                 |                                    |                                 |
| Rated Air Flow (free blow)                          | 275 CFM  |                                 | 375 CFM                            |                                 | 570 m <sup>3</sup> /hr           |                                 |                                    |                                 |
| Weight  | 75 lbs   |                                 | 76 lbs                             |                                 | 35 kg                            |                                 |                                    |                                 |
| <b>Enclosure - Condensing Unit</b>                  |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Construction  | Aluminum   |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Finish  | Powder-coated  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Length  | 34 inches  |                                 | 34 inches                          |                                 | 86.4 cm                          |                                 | 86.4 cm                            |                                 |
| Width   | 12 inches  |                                 | 12 inches                          |                                 | 30.5 cm                          |                                 | 30.5 cm                            |                                 |
| Height  | 26 inches  |                                 | 26 inches                          |                                 | 66 cm                            |                                 | 66 cm                              |                                 |
| <b>Electrical Requirements - Condensing Unit</b>    |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
| Power   | 208-230 Volts/1 Phase/60Hz                                       |                                 |                                    |                                 | 220-240 Volts/1 Phase/50Hz       |                                 |                                    |                                 |
| MCA   | 4.2 Amps   |                                 | 6.4 Amps                           |                                 | 4.6 Amps                         |                                 | 5.2 Amps                           |                                 |
| MOP   | 8.0 Amps   |                                 | 10.0 Amps                          |                                 | 7.6 Amps                         |                                 | 9.0 Amps                           |                                 |
| <b>Agency Approval(s)</b>                           |  |                                 |                                    |                                 |                                  |                                 |                                    |                                 |
|   | ETLc   |                                 |                                    |                                 | 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.
4. All btuh capacity and airflow (CFM) values shown are at tested 230v (220V for 50Hz) 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.