



## Specifications for AU-DC Gold Series Air Handlers

| Model <sup>(1)</sup>                      | AU6DC     | AU9DC     | AU12DC     | AU18DC    | AU24DC    |
|---|-----------|-----------|------------|-----------|-----------|
| Nominal Capacity - Cool (BTU/h)           | 6000      | 9000      | 12000      | 18000     | 24000     |
| Voltage @ 50/60Hz 1-Ph (V)                | 230       | 230       | 230        | 230       | 230       |
| Full Load Amps (FLA) Cool (A)             | 1.4       | 1.4       | 3.17       | 3.9       | 3.86      |
| Full Load Amps (FLA) Heat (A)             | 5.75      | 7.92      | 9.69       | 17        | 16.9      |
| Full Load Amps (FLA) Blower (A)           | 1.4       | 1.4       | 3.2        | 3.9       | 3.9       |
| Optional Electric Heat (kW)               | 1         | 1         | 1.5        | 3         | 3         |
| Max. Circuit Breaker (A)                  | 10        | 10        | 15         | 20        | 20        |
| Min. Circuit Ampacity (A)                 | 7         | 9         | 11         | 18        | 18        |
| Water Flow (gpm/lpm)                      | 1.5/5.7   | 2.25/8.6  | 3/11.4     | 4.5/17.1  | 6/22.8    |
| Air Flow (cfm/m <sup>3</sup> h)           | 200/340   | 300/510   | 400/680    | 600/1020  | 700/1190  |
| External Static Pressure                  | 2.9/722.1 | 2.8/697.2 | 2.6/647.4  | 2.1/522.9 | 1.4/348.6 |
| Chilled Water Pressure Drop (PSI)         | 1.1       | 4.4       | 8          | 4.6       | 11        |
| Max. Height (in/mm) <sup>(2)</sup>        | 11.7/298  | 13.4/341  | 13.4/341   | 14.4/366  | 15.5/394  |
| Max. Width (in/mm) <sup>(2)</sup>         | 14.4/366  | 16.4/417  | 16.4/417   | 19.9/506  | 22.4/569  |
| Max. Depth (in/mm) <sup>(2)</sup>         | 14/356    | 14/356    | 16.7/425   | 17.3/440  | 17.3/440  |
| Drain Connection Size (in)                | 1/2       | 1/2       | 1/2        | 1/2       | 1/2       |
| Drain Connection Type                     | FPT       | FPT       | FPT        | FPT       | FPT       |
| Chilled Water Connection Size (in)        | 1/2       | 1/2       | 1/2        | 1/2       | 1/2       |
| Chilled Water Connection Type             | FPT       | FPT       | FPT        | FPT       | FPT       |
| Min. Supply Duct Size (in/mm)             | 5/127     | 6/153     | 6/153      | 7/178     | 8/204     |
| Min. Supply Air Grille Size (sq in/sq cm) | 35/226    | 49/317    | 70/452     | 100/646   | 140/904   |
| Min. Return Air Grille Size (sq in/sq cm) | 70/452    | 98/633    | 130/839    | 200/1291  | 240/1549  |
| Net Weight (lbs/kg) <sup>(3)</sup>        | 24/10.9   | 26.5/12.1 | 33.25/15.1 | 42/19.1   | 46/20.9   |
| Gross Weight (lbs/kg)                     | 31/14.1   | 35/15.9   | 42/19.1    | 54/24.5   | 58/26.4   |

<sup>1</sup> Model numbers shown are for 115V units with brushless "WhisperCool" (DC) blowers. Add a 'Z' for 230V units; add '-FC' for optional flow control; add '-L\_-' or '-R\_-' for valve position (relative to the coil) and angle of the blower; add '\_\_\_kW' for amount of optional electric heat in kilowatts (for ex. 1.5kW). See DWG H3050002 for a visual explanation of valve orientation and blower angle.

<sup>2</sup> All dimensions ± 0.30 in. (8 mm).

<sup>3</sup> Without electric heat option, subtract 3 lbs. (1.4 kg) from unit weight for each heater element.

### About the EU Package

The EU Package includes several upgrades for reduced installation time and an improved appearance.

A plastic cover (A) protects the exposed water-tube hairpins. Electrical connections use quick plugs (B) so there are no wires to connect, and upgraded wire loom (C) is used for better aesthetics. A new durable bleeder assembly with cradle (D) gives easy access and speeds the air bleeding process.

A capacitor, protected under a plastic housing (E), replaces the electrical box. In addition, a slave box can be used to control multiple air handlers from a single cabling control, all with plug-in connections. The plumbing connections (F) are shorter so the installation takes up less space.



### Key Benefits

- Quick-plug electrical connections
- Upgraded wire loop for improved appearance
- Less space needed for plumbing connections
- Easy access to bleeder assembly

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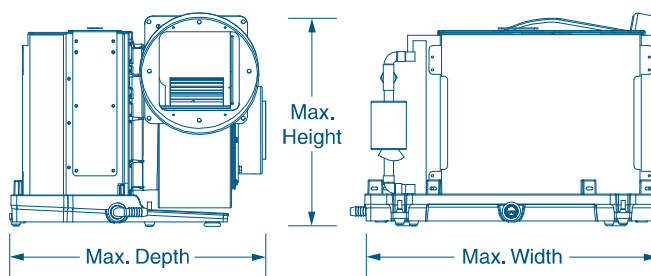
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### Dimensions



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