

# G200/G300

## Bypass Flow-Thru Humidifiers



### TECHNICAL ENGINEERING SPECIFICATION



#### Performance

- Save on energy costs and improve comfort.
- Increasing a home's relative humidity makes it feel more comfortable at 68°F / 20°C than it does at 73°F / 23°C at a low relative humidity level.
- Lower thermostat settings deliver substantial savings on monthly energy bills.
- Output Capacity:
  - G200 – 14.4 Gallons per day at 120°F.
  - G300 – 18.0 Gallons per day at 120°F.

#### Features

- Adjustable, precision duct-mounted humidistats allow the units to be set for optimum relative humidity.
- Convenient orientation allows right or left-side panel for easy installation and easy access in the future.
- Single screw secures cover.
- 2" Evaporator pad expands the evaporative area for water supply and increases performance.
- Serviceable internal water filter protects solenoid.
- Self-piercing saddle valve and a 24v brass solenoid valve makes installation easy.
- G200 mounts on 10" duct, G300 mounts on 14 1/2" duct.
- Wide 1 1/2" duct collar for ease of installation.

#### How Humidifiers Work

The evaporative humidifier is installed into the supply duct and air is drawn across the moist evaporator pad (wetted through the home's water supply). The evaporated water is efficiently released into the home by the furnace or air handler. The adjustable, precision-made humidistat allows the user to choose the optimum humidity level for maximum indoor comfort.

#### Warranty

- 2-Year limited warranty.

**TECHNICAL ENGINEERING SPECIFICATION**

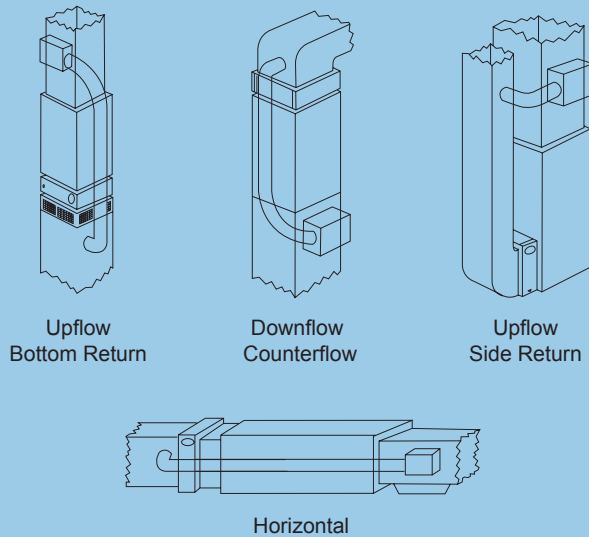
**G200/G300**

| Model                 | G200  | G300  |
|-----------------------|---|---|
| <b>Part No.</b>       | 351454-001  | 354409-001  |
| <b>Type Of Unit</b>   | Bypass Flow-Thru  | Bypass Flow-Thru  |
| <b>Voltage</b>        | 24 V  | 24 V  |
| <b>Solenoid Valve</b> | 24 V Brass, Rated For 150 PSI (10.34 Bar)                   | 24 V Brass, Rated For 150 PSI (10.34 Bar)                   |
| <b>Evaporator Pad</b> | 9" W x 2" D x 11" H (229 W x 51 D x 279 H mm)               | 9" W x 2" D x 14" H (229 W x 51 D x 356 H mm)               |
| <b>Weight</b>         | 4.9 lbs (2.2 kg) / Shipping 8.15 lbs. (3.7 kg.)             | 5.1 lbs (2.3 kg) / Shipping 8.4 lbs (3.8 kg)                |
| <b>Dimensions</b>     | 11 1/2" W x 9 1/2" D x 16 1/2" H (292 W x 241 D x 419 H mm) | 11 1/2" W x 9 1/2" D x 19 1/2" H (292 W x 241 D x 495 H mm) |
| <b>Packaging Size</b> | 14" W x 10 1/2" D x 17 1/2" H (356 W x 267 D X 443 H mm)    | 14" W x 10 1/2" D x 20" H (356 W x 267 D x 508 H mm)        |
| <b>Duct Opening</b>   | 8 5/8" W x 10 3/4" H (219 W x 273 H mm)                     | 8 5/8" W x 13 3/4" H (219 W x 349 H mm)                     |
| <b>Humidistat</b>     | Adjustable from 20% to 80% Relative Humidity                | Adjustable from 20% to 80% Relative Humidity                |
| <b>Drain</b>          | 1/2" (12.8 mm) O.D.   | 1/2" (12.8 mm) O.D.   |

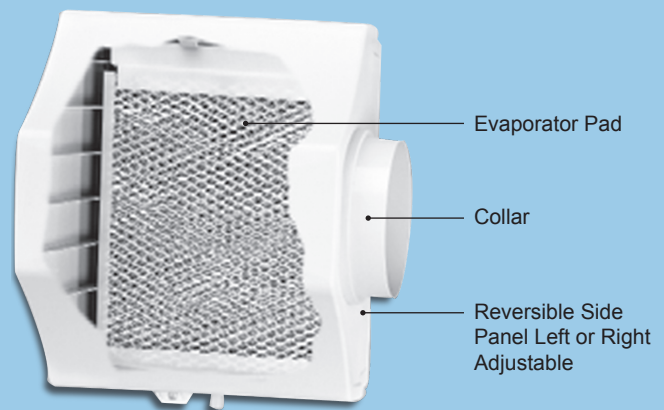
**Evaporative Supply Capacity**

| Furnace Temperature |        | G200            |                 | G300            |                 |
|---------------------|--------|-----------------|-----------------|-----------------|-----------------|
| °F                  | °C     | Gallons per Day | Liters per Hour | Gallons per Day | Liters per Hour |
| 100°F               | 37.7°C | 9.5             | 1.5             | 12.8            | 2.0             |
| 120°F               | 48.8°C | 14.4            | 2.3             | 18.0            | 2.8             |
| 140°F               | 60°C   | 18.7            | 2.9             | 23.3            | 3.7             |

**Installation Options**



**Evaporator Pad**



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