

# 707-U

## Atomizing Humidifier



### 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
- High Capacity Output: G200 – 14.4 Gallons Per Day at 120° F.  
G300 – 18.0 Gallons Per Day at 120° F

#### Features:

- Installation is Quick and Easy
- Easy Assembly – Just Fit the Dome Snugly on top of the Pan – That's It!
- 120v Wall or Duct-Mount Humidistat is Easily Adjustable from 20% to 80% Relative Humidity
- Centrifugal Atomizing Humidifiers are Installed onto the Return Duct or as a Free-Standing Unit where a Superfine Mist is Fed Directly to a Room
- Includes an Independent Mounting Bracket and Discharge Extension to Extend Through Wall for Installation Flexibility

#### How Humidifiers Work:

Centrifugal atomizing humidifiers are installed onto the return duct or as a free-standing unit where a superfine mist is fed directly to a room. There are no pads or filters to change, so there is little maintenance needed.

#### Warranty:

- 2-year Limited Warranty

**TECHNICAL ENGINEERING SPECIFICATION**

**707-U**

Model	707-U
<b>Part No.</b>	356686-001
<b>Type Of Unit</b>	Centrifugal Atomizer
<b>Max Evaporative Capacity</b>	6.0 Gallons Per Day - (0.95 Lph)
<b>Voltage</b>	120 V
<b>Unit Weight</b>	11 Lbs (5.0 Kg)
<b>Shipping Weight</b>	13 Lbs (5.9 Kg)
<b>Dimensions</b>	10 1/2" Diameter x 12" H / Packaging - 13 1/4" W x 13 1/4" D x 16 3/4" H (276 mm x 305 mm) / (Packaging - 336 W x 336 D X 425 H mm)
<b>Water Supply</b>	1/4" (6.4 mm) Copper or Plastic, 125 PSI (8.6 Bar), Not Included
<b>Drain</b>	1/2 " (13 mm)
<b>Humidistat</b>	Adjustable from 20% to 80% Relative Humidity
<b>Drain</b>	1/2" (12.8 mm) O.D.

**Humidifier Capacity Selection Guide**

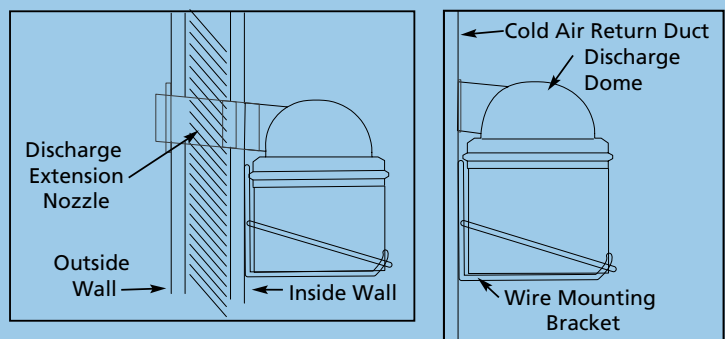
Sq. Footage (m) of Home		Tight <sup>1</sup> House		Average <sup>2</sup> House		Loose <sup>3</sup> House	
1000	(92.9 m <sup>2</sup> )	0.5	(0.08)	5.0	(0.8)	10.0	(1.6)
1500	(139.4 m <sup>2</sup> )	3.0	(0.5)	10.0	(1.6)	16.5	(2.6)
2000	(185.8 m <sup>2</sup> )	5.0	(0.8)	14.0	(2.2)	24.0	(3.8)
2500	(232.3 m <sup>2</sup> )	7.5	(1.2)	19.0	(3.0)	30.5	(4.8)
3000	(278.7 m <sup>2</sup> )	10.0	(1.6)	23.5	(3.7)	37.5	(5.9)
3500	(325.2 m <sup>2</sup> )	14.5	(2.3)	33.0	(5.2)	51.5	(8.1)

1. A "Tight Home" is assumed to be well insulated with vapor barriers, tight storm windows and doors, and a dampered fireplace. Air exchange rate of .5 changes per hour.
2. An "Average Home" is insulated and has a dampered fire place, but there are no vapor barriers, storm doors, or storm windows. Air exchange rate of 1.0 change per hour.
3. A "Loose Home" is generally one constructed before 1930, has little or no insulation, no storm doors, storm windows, weather stripping or vapor barriers, and often no effective dampering of fireplaces. Air exchange rate is as high as 1.5 changes per hour.

**Evaporator Supply Capacity**

Furnace Temp.		707-U	
°F	°C	Gallons per Day	Liters per Hour
100°F	37.7°C	6.0	0.95
120°F	48.8°C	6.0	0.95
140°F	60°C	6.0	0.95

**Installation Options**



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All product specifications reflect available information at the printing of this brochure.

Trion® | 101 McNeill Road | Sanford, NC 27330 | Phone: 800-884-0002 | Fax: 800-458-2379  
Web: www.trioninc.com | Email: customerservice@trioninc.com