

Humid-a-Mist

Pulse Mist Humidifier

GREEN

HAS ALWAYS BEEN OUR

COLOR

PROTECTING OUR ENVIRONMENT IS WHAT WE DO

When comparing our *Humid-a-Mist* against leading humidification systems. You May find that other Manufactures are simply just **Color Blind**.

Humid-a-Mist Features and Benefits:

- ☆ Adjustable moisture control
- ☆ Bypass, works with or without heat
- ☆ Solid state control
- ☆ 5 micron water filter
- ☆ No drains
- ☆ No standing water
- ☆ Fits where other humidifiers can't
- ☆ 2 year manufacture warranty

CAPACITY: determined by setting, run time and duct sizes

14.7 gals max. per day using 1 gal nozzle.

1.4 gals min. per day using 1 gal nozzle.

APPLICATION:

For any forced air, gas, electric or heat pump system. See restrictions and applications. For question please call Galmar for technical support.

SPECIFICATIONS:

Unit size:

5 1/2" w, 4 1/4" h, 1 1/2"d

Water supply:

1/4" plastic tubing supplied

Electrical:

24v control, 120v fan switch

60hz, .24 amp draw

Humid-a-Mist has always been **GREEN**, Using less Energy, Low voltage, with No Wasting of any Water to Help Protect and Save Our Environment for Our Future Generation.

HUMID-A-MIST is a solid state humidification system that is incorporated into a forced air heating unit. **HUMID-A-MIST** is designed to maintain a broad range of humidity levels in a residential or commercial space by means of a bypass pulse board, a misting nozzle, water solenoid valve and a water filter cartridge. The pulse board is designed to pulse a mist of water at adjustable time intervals to accommodate a wide range of residential or commercial dwellings, according to the square footage and CFM requirements.

The ability to achieve and maintain humidity levels is controlled in three modes of the bypass pulse board and a separate gain switch incorporated into the pulse board.

1. **UNISON MODE:** In the unison mode both the furnace and *Humid-a-mist* work together providing moisture to dry heated air.
2. **BYPASS MODE:**
In the event that humidity levels fall below humidistat setting and the heating system is not running due to satisfied space temperature, the bypass pulse board will bypass the heating circuit, powering the furnace in low speed of fan and begin to pulse a mist of water to humidify space independently from normal operation of furnace.
3. **STANTBY MODE:**
Should the *Humid-a-mist* be in the bypass mode and humidifying the space and the heating thermostat calls for heat, the bypass pulse board senses a call for heat and goes into standby mode, opening circuits to the furnace blower and water solenoid valve shutting down humidification so it will not interfere with the normal start up or the efficiency of heating cycle. Once furnace reaches required temperature and limit/logic board closes circuits to furnace fan, the bypass pulse board will come out of standby mode and return to the unison mode and the humidification process will resume.
4. **THE GAIN SWITCH:**
The function of the gain switch is to turn on and off the by-pass Mode. In the on position the **HUM-100** will operate independently from furnace any time there is a call for heat. In the off position the *Humid-a-mist* will only operate on a call for heat.

GALMAR ENTERPRISE INC.
TOLL FREE NUMBER 1800-664-MIST
IL PHONE 815-463-9826
www.humidamist.net



Energy Comparison Example chart below

Leading Steam systems can use up to **10 amps** to operate their unit. It would be like you leaving on **THIRTY, 40 watt** Light bulbs.

This is their idea of the color Green



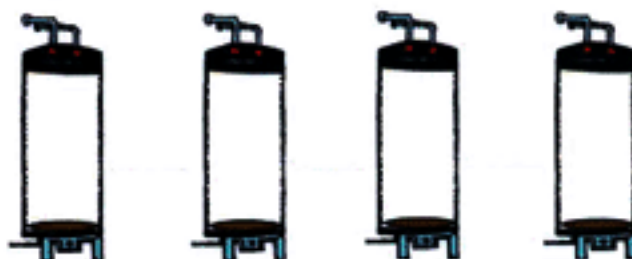
Here At *Humid-a-Mist* We Know The Color Of **Green**.

Our HUM-100 Pulse Mist Humidifier Operates on only,

1/3 of the energy of a 40 Watt Bulb



Other leading Evaporative type humidifier require **140 degree water temperature** supplied to their humidifier and that it must run continuous to meet there standards of humidification. This type of humidifier can drain your hot water tank 3 to 4 times in 24 hours, wasting water, natural gas, and causing you to reheat all that wasted **HOT** water while increasing your monthly utilities costs.



Humid-a-Mist Pulse Humidifier uses **100%** of all water, wasting nothing and only uses cold water supply, saving you money and always protecting our **NATURAL RESOURCES**.

GREEN! *It's always been our color.*

We make the simple things in life **"LIKE BREATING"** a little easier.