

### Sample specifications for SW-2

Humidifiers shall be of the high speed centrifugal atomizing type. Construction shall be of heavy gauge copper, brass and non-ferrous alloy. Heavy duty shaded pole motor with overload protection shall drive the centrifugal disc and pump assembly to draw water up from the seamless copper reservoir, against breaker combs, producing a finely atomized mist. Rotating parts shall be electronically balanced to eliminate vibration. An automatic float valve shall maintain water level in the reservoir.

Vapor output of the humidifier shall be constant while in operation and shall not depend on the temperature of the air or water.

Humidifier(s) shall be Model SW-2 as manufactured by Humidity Source, LLC. Must be UL listed for US and Canada.



Support bracket optional

## SPECIFICATIONS

### CAPACITY

Moisture Output – 2 lb./hr.

### WEIGHT

Net: 10 lb.

Shipping: 11 lb.

Operating: 15 lb.

### WATER CONNECTIONS & PRESSURES

Supply: 1/8" Male Pipe Thread

Overflow: 1/4" Female Pipe Thread

Operating Pressure Range: 10-150 psig

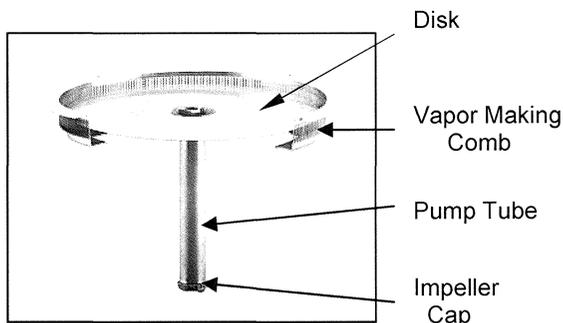
### Electric Motor

50 Watts

115 volts, single phase, 60 Hz.

### CARTON SIZE

15 1/2" X 12 1/4" X 15 1/4"

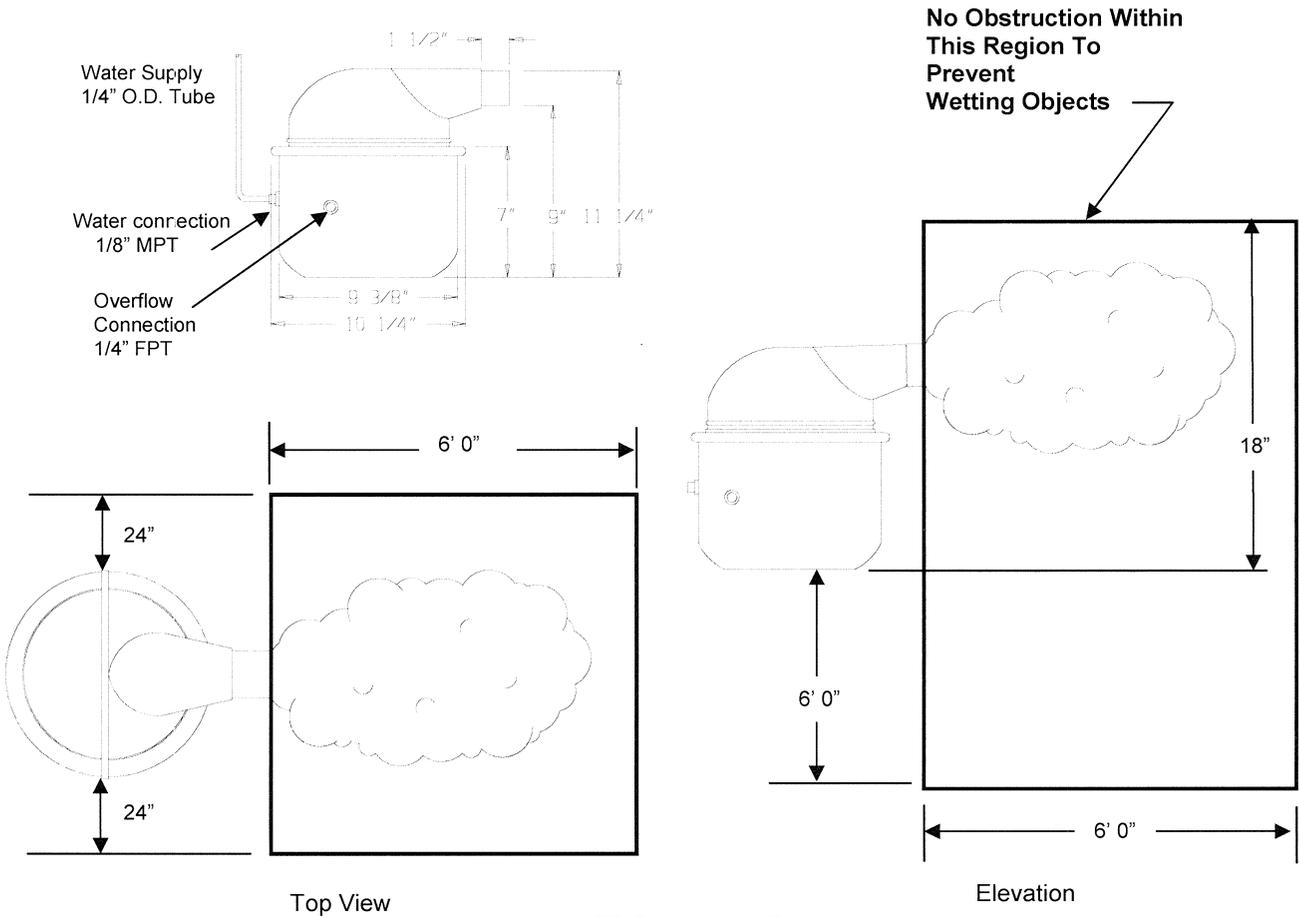


### CENTRIFUGAL ATOMIZER

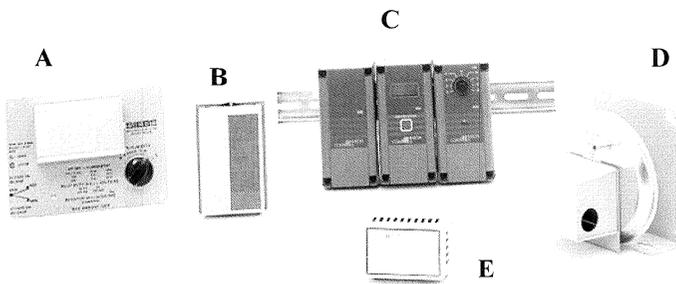
#### Heart of the unit

The heart of Humidity Source humidifier units is the patented masterfully engineered Centrifugal Atomizer. Water is drawn by centrifugal force up through the rotating impeller cap and pump tube, then spun across the disk rotating at 3250 RPM striking the Vapor-Maker Comb creating an extremely fine vapor. An integral fan under the rotating disk blows the vapor out of the unit resulting in a fine atomized vapor that is quickly absorbed into the air.

**HUMIDITY SOURCE ATOMIZING** humidifiers produce moisture that will quickly be absorbed in the air. However, it is very important that the humidifier be installed so that there is no chance of the moisture striking **any object** before it has been absorbed by the air. If any solid is hit with air containing suspended or unabsorbed moisture, condensation and dripping will result. It is therefore most important that all directions and minimum dimensions be strictly adhered to.



NOTE: Drawings Not To Scale



## ACCESSORIES

- A. Duct mounted, high limit humidistat. Model No. HC-201
- B. Wall mounted humidistat. Model No. P825.
- C. Johnston Controls electronic humidistat. Model No. W351 and remote sensor (E)
- D. Air duct pressure switch. Model No. PC-301