

“Save  
Your  
Breath  
With

**NST**<sup>®</sup>  
MODERN SAFETY TECHNIQUES

11388 Breininger Road  
P. O. Box 87  
Hicksville, OH 43526  
E-Mail Address: modsafe@bright.net

www.modsafe.com

(419) 542-6645  
(800) 542-6646  
888-MODSAFE  
Fax: (419) 542-6475

## 8021601 MST HUMIDIFIER

### INSTALLATION

1. Install humidifier so Air Flow is in direction of arrows cast on body.
2. Installation should be upstream from the device it is to humidify.

### OPERATION & SERVICE

1. Filling - Inlet pressure must be eliminated before fill plug is removed. Fill to fill line on the bowl.
2. Replace the fill plug and seat firmly - excessive torque is not necessary. The humidifier is now ready for setting. Re-pressurize the humidifier.
3. Water Delivery Adjustment - To adjust water delivery, turn the adjusting knob on top of the humidifier.

Leaner - Clockwise  
Richer - Counterclockwise

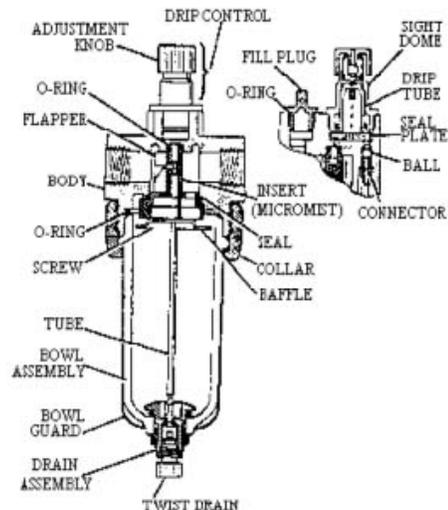
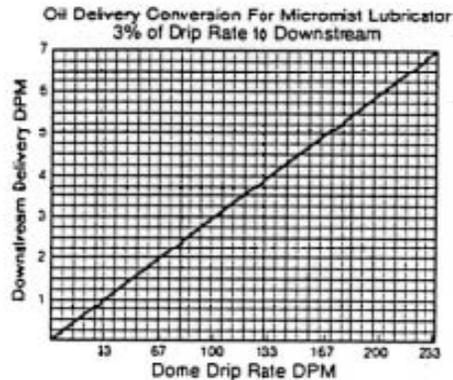
By counting the number of drops per minute in the sight dome, you can adjust your requirements. Approximately 3% of the drops seen in sight dome go downstream; adjust drip rate accordingly. Consult delivery conversion chart.

NOTE: This is a constant density type humidifier which delivers a constant ratio of water to air flow. Therefore, if air flow increases or decreases, water delivery will be adjusted proportionately. **ONLY IF A DIFFERENT RATIO IS DESIRED SHOULD YOUR NEEDLE VALVE SETTING BE CHANGED AFTER YOUR INITIAL SETTING.**

### SAFETY: METAL BOWLS

#### CAUTION:

Metal bowls are recommended where ambient and/or media conditions are not compatible with polycarbonate bowls. Metal bowls resist the action of most such solvents but should not be used where strong acids or bases are present or in salt laden atmospheres.



	psig	bar	kPa
Operating Pressure Maximum	250	17.0	1700
Operating Temp. Maximum		+175NF	(+80NC)
Operating Temp. Minimum		+32NF	(0NC)

**NOTE: MST® RESERVES THE RIGHT TO CHANGE OR MODIFY SPECIFICATIONS AND/OR PRODUCTS.**