

“Save
Your
Breath
With

MST®
MODERN SAFETY TECHNIQUES

11370 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

80580 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 top sight window on the bowl.
2. Replace the fill plug and seat firmly - excessive torque is not necessary. The humidifier is now ready for setting. Repressurize 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. Every drop visible in the sight dome goes down stream. Twenty-five (25) drops per minute equals approx. one (1) ounce per hour-volume of water passing through the sight dome.

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.**

APPLICATION LIMITS

	psig	bar	kPa
Operating Pressure Maximum	250	17.0	1700
Operating Temp. Maximum		+175° F	(+80° C)
Operating Temp. Minimum		+32° F	(0° C)

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

