

# PURE Humidifier Company

## Options

### “GX” Series

#### To Humidifier

**Freeze Protection.** A factory installed temperature sensor shall be mounted onto the humidifier reservoir. The system shall maintain the water temperature above freezing.

**Standby Water Temperature Sensing.** Consists of a temperature sensor to maintain water temperature at a selected level for fast response upon a call for humidity.

#### Injection Tubes

**Injection tube(s) and Flexible Hose.** Each unit shall include one or more 10 ft. (305 cm) sections of 1 ½” (3.8 cm) I.D. flexible hose and a 1 ½” (3.8 cm) O.D. stainless steel injection tube long enough to extend across the duct. Steam ports shall direct steam upward into the airflow. The reservoir cover shall have a matching connection so the flexible hose can be connected with two stainless steel hose clamps. A two-piece duct plate shall be provided to seal the duct opening.

**Fast-Pac Multiple Tube Assembly.** Tube assembly consists of a stainless steel supply/condensate header with a 3/4"-NPT drain connection and horizontal 1 1/2"Ø stainless steel injection tubes.

**Insty-Pac Multiple Tube Assembly.** Tube assembly consists of a steam supply/seperator header constructed of stainless steel with steam inlet, condensate drain outlet and steam jacketed injection tubes welded to header. Steam jacketed injection tubes constructed of stainless steel with punched steam ports of the proper size and spacing to deliver the maximum specified capacity.

#### To Control Cabinet

**Control Panel Door Lock.** Control cabinet shall be provided with a factory installed key lock on the cabinet door.

#### Controls

**VAV Control.** The INTAC<sup>®</sup> software shall accept a modulating high-limit humidity input and space controlling RH input and modulate the heater output to prevent over saturation of the supply air due to changes in the quantity of airflow. A compatible space and duct humidity sensor shall be shipped loose for field installation.

**Outdoor Air Temperature Setback.** Provides automatic reduction of the RH set point to prevent condensation on windows during extreme cold weather. Includes duct mount temperature sensor.

**Air Flow Proving Switch.** A diaphragm operated air flow proving switch with adjustable range of .05" W.C. to 2.0" W.C. shall be provided for field installation.

**Duct High-Limit.** A high-limit humidistat shall be provided for duct installation. The high-limit shall be field set to prevent over saturation within the supply duct.

### **Venting**

**Sealed Combustion Air Kit.** Consists of a 5" round stainless steel adaptor that allows outside air to be piped directly to the intake of the burner for combustion.

**Outdoor Enclosure.** Curb/slab mounted weather proof enclosure. Humidifier is factory installed and shipped in enclosure, ready for field gas, water and electrical connections. Unit is ETL listed.