

Herrtronic® 6500 Series

Self-Generating Electronic Steam Humidifier



PRODUCT DATA SHEET



The wall-mounted 6500 Series offers a self-contained compact package.

Features:

- **Technology:** A commercial/industrial proven electronically controlled humidifier based on electrode steam generation within a plastic steam cylinder
- **Mounting:** Easy to mount via two lag bolts (included)
- **Steam Output:** Includes stainless steel duct distributor tube
- **Water Inlet:** Located on the bottom of the unit via 1/4" compression fitting
- **Drain Connection:** Located on the bottom of the unit and connects to a 1" or larger drain line
- **Basic Control:** Connects to external humidistat provided as part of this entire humidification system
- **Airflow Detection:** Includes connection to an external air-proving switch
- **System Fault Monitoring:** Via single LED
- **Water Hardness:** 3 to 36 grains per gallon; water filtration not necessary
- **Water Conductivity:** 125-1250 micro-Siemens per centimeter ($\mu\text{S}/\text{cm}$)
- **Supply Water:** 20 psi minimum and 100 psi maximum
- **Steam Cylinder Life:** Normal applications typically require one steam cylinder change per year depending on water quality and run time

Introduction:

The Herrtronic® 6500 Series of Self Generating Electronic Steam Humidifiers combine the purity of electrode-based steam humidification with the automation of electronic monitoring and control to provide a complete, easy-to-implement solution for your low capacity commercial/ industrial humidification applications.

The 6500 unit ships with everything needed for installation and operation including: Generator assembly, control humidistat, air proving switch, high limit humidistat, stainless steel duct distributor, and a steam hose. All that is needed is: AC power, the water supply line, a drain line, and a place in which to connect the steam hose output. With the simplicity of the integrated electronic control, all the user needs to do is turn on the power.

All unit monitoring is accomplished with internal microprocessor and fault conditions that are indicated through a single LED that is either off, on, slow blink, or fast blink to signal different faults.

With the "No-Cleaning-Required" humidification system, all that's required is replacement of the easy access, inexpensive, internal plastic steam cylinder. Additionally, internal to the 6500 is an easy-to-replace water strainer for removing large sediments from the water supply.

The 6500-1 at 115 VAC can deliver 4 lbs/hr of steam output. Supporting higher capacity requirements, the 6500-2 powered at 230 VAC delivers double the output to 8 lbs/hr. Both the 6500-1 and 6500-2 are ETL listed.

Applications:

- Printing Shops
- Humidors
- Resort Homes & Condos
- Light Commercial
- Wine Industry
- Textile Manufacturing
- Schools & Education Facilities
- Woodworking Shops
- Small Offices
- Computer & Server Rooms
- Clinics/Medical Offices
- Museums & Libraries
- Cleanrooms
- Laboratories

Warranty:

- 24 Months from Install; 30 Months from Shipment (Excludes Replaceable Steam Cylinder)

PRODUCT DATA SHEET

Specifications and Electrical Connections:

Model	6500-1	6500-2
Maximum Humidification Capacity	4 lbs/hr or 1.8 kg/hr	8 lbs/hr or 3.6 kg/hr
Supply Voltage	115 VAC Single Phase 50/60 Hz	230 VAC Single Phase 50/60 Hz
Supply Amperage	11.5 Amps (Recommend connection to a dedicated 15A circuit)	
Power Consumption	1.33 kW at 115 VAC	2.66 kW at 230 VAC
Control Humidistat	Includes external control humidistat	
High Limit Humidistat	Includes external high limit humidistat	
Air Proving Switch	Includes external air proving switch	
Weight	29 lbs (13.2 kg) shipped; 27 lbs (12.2 kg) in operation	
Cabinet Dimensions (Approx.)	18" H x 11" W x 9" D (457 mm x 279 mm x 229 mm)	



Front View



Front View, Face Removed

Indoor Air Quality Since 1947

ISO 9001:2015 Certified

Industry Membership:



Proudly Designed,
Engineered, and
Manufactured in the USA.*



*Manufactured with domestic
and foreign components.

To help serve you better,
please contact us at:

800-884-0002 (tel)

800-458-2379 (fax)

TRION®

101 McNeill Road
Sanford, NC 27330

www.trioniaq.com

customerservice@trioniaq.com

TRION® is a registered trademark of Air System Components, Inc. Air System Components, Inc. is a subsidiary of Johnson Controls Inc. All product specifications reflect available information at the printing of this brochure. TRION® reserves the right to revise or modify products and/or specifications without notice. © 2018 TRION®