

Herrtronic® - MD

Electrode Steam Humidifier



PRODUCT DATA SHEET



The Herrtronic® MD series with its microprocessor controller is available in three cabinet sizes with capacities ranging from 5 to 250 lbs/hr.

Applications:

- Hospitals
- Computer Rooms
- Laboratories
- Cleanrooms
- Telecommunications
- Switch Gear Facilities
- Schools & Universities
- Medical Clinics

Introduction:

The Herrtronic® MD Series is an economical steam humidification solution to meet your exacting requirements. Selection includes three sizes with capacities ranging from 5 to 250 lbs/hr and up to 600 VAC. All units are ETL listed.

The Herrtronic® series electrode steam humidifiers produce pure mineral free steam by passing electric current through water inside a disposable steam cylinder. The sterile steam is then injected into the HVAC ductwork via stainless steel dispersion tubes or a custom designed Hurricane™ CS steam grid. Direct space dispersion is available by combining the Herrtronic® MD unit with a fan powered room dispersion unit, which can be mounted directly to the humidifier or mounted remotely.

Principle features include “user-friendly” microprocessor based controls, a digital display that provides up-to-date operating information, closed-system networking potential to accommodate up to 29 member units, and the diagnostic capability to prevent operational problems before they occur. This diagnostic capability simplifies service and maintenance, saving both time and expense. The Herrtronic® MD design accommodates a variety of control systems to meet the needs of each application.

Features & Benefits:

- Three Chassis Sizes: 5 to 250 lbs/hr
- Versatile Microprocessor-Based Control
- Enhanced System Control Accuracy
- Robust Cabinet Design
- 2x20 Alphanumeric LCD Display
- User Friendly Programming
- System Diagnostics
- Operates with Raw Water
- Disposable Steam Cylinder
- Fault Annunciation
- ETL Listed to UL-998

Features & Benefits:

- 2-Year Limited Warranty

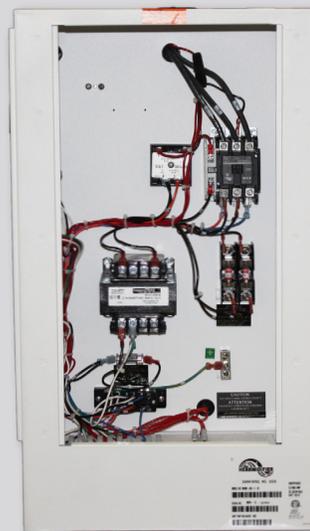
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General Unit Specifications:

Model	MDM	MDS	MDD
Maximum Steam Capacity	30 lbs/hr	100 lbs/hr	250 lbs/hr
Voltage / Phase	208-600 VAC / 1 or 3-Phase		
Maximum Power Consumption	10 kW	33.3 kW	83.3 kW
Control System	ON/OFF, Proportional Only (from BMS), OR Stand-Alone P+I		
Input Devices	Demand Input / Air Proving Switch OR Control Humidity / High Limit Humidity / Air Proving Switch		
Sensors / Demand Signal	0-10 VDC/4-20mA Sensors OR Demand Signal from BMS OR Humidistat		
Display Type	2x20 Lines Alphanumeric LCD		
Tank Construction	Disposable Polypropylene Cylinder		
Cabinet Construction	18 Ga. Painted Steel with Lockable Access Doors		
Overall Unit Dimensions	19" W x 24.5" H x 14" D	26" W x 28" H x 19.3" D	43" W x 28" H x 19.3" D
Shipping Weight	70 lbs	105 lbs	190 lbs
Operating Weight	82 lbs	131 lbs	258 lbs



MDM
Front View, Face Removed



MDM
Side Controls 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,
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