



Herrtronic® MD Series
Electrode Steam Humidification

Features & Benefits

- Three Chassis Sizes: 5 to 250 lbs/hr
- Versatile Microprocessor-Based Control
- Enhanced System Control Accuracy
- Robust Cabinet Design
- Networkability — Up to 29 Member Units for 3000 lbs/hr (1360 kg/hr) Humidification
- Alphanumeric LCD Display
- User-Friendly Programming
- System Diagnostics
- Operates with Raw and Softened Water
- ETL Listed to UL - 998
- Fault Annunciation
- Full Complement of Accessories
- Disposable Steam Cylinder
Minimizes Maintenance Time

Applications

- Hospitals
- Computer Rooms
- Laboratories
- Cleanrooms
- Telecommunications
- Switch Gear Facilities



Electrode Steam Humidification

Enhanced System Control Accuracy

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 (2.27 to 113 kg/hr) and up to 600 VAC. All units are ETL listed.

Principal features are “user-friendly” microprocessor-based controls, a digital display providing 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.



The MD Series with its microprocessor controller is available in three cabinet sizes with capacities from 5 to 250 lbs/hr (2.27 to 113 kg/hr) per unit.

Specifications

Unit Sizes	MDM	5-30 lbs/hr (2.27-13.6 kg/hr)
	MDS	10-100 lbs/hr (4.5-45 kg/hr)
	MDD	110-250 lbs/hr (49.9-113 kg/hr)
Max. Humidification Capacity		250 lbs/hr (113 kg/hr)
Voltage		208/1 to 600/3 VAC
Cycle		50/60 Hz
Phase		Single through 50 lbs/hr (23 kg/hr); Three through 250 lbs/hr (113 kg/hr)
Conductivity		100-1500 Microsiemens
Control System		Microprocessor-based: • On/Off • Proportional • Proportional + Integral
Input Devices		Control, High-limit Input, Air Proving Switch
Sensors		VDC or mADC
Communication Link		RS-485
Display		LCD, 2 lines, 20 Alphanumeric Characters
LED Indicators		Three: Power • Cylinder Full • Fault
High-limit Input		• On/Off • Proportional • Proportional + Integral
Steam Distribution System		Stainless Steel Dispersion Tubes or Room Distribution Unit (RDU)
Piping		EPDM Steam Hose or Insulated Copper
Cabinet Construction		16-gauge and 18-gauge Steel — Powder Coat Finish



Our MD Series Humidifiers come with a two-year limited warranty.



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Indoor Air Quality Since 1947

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