



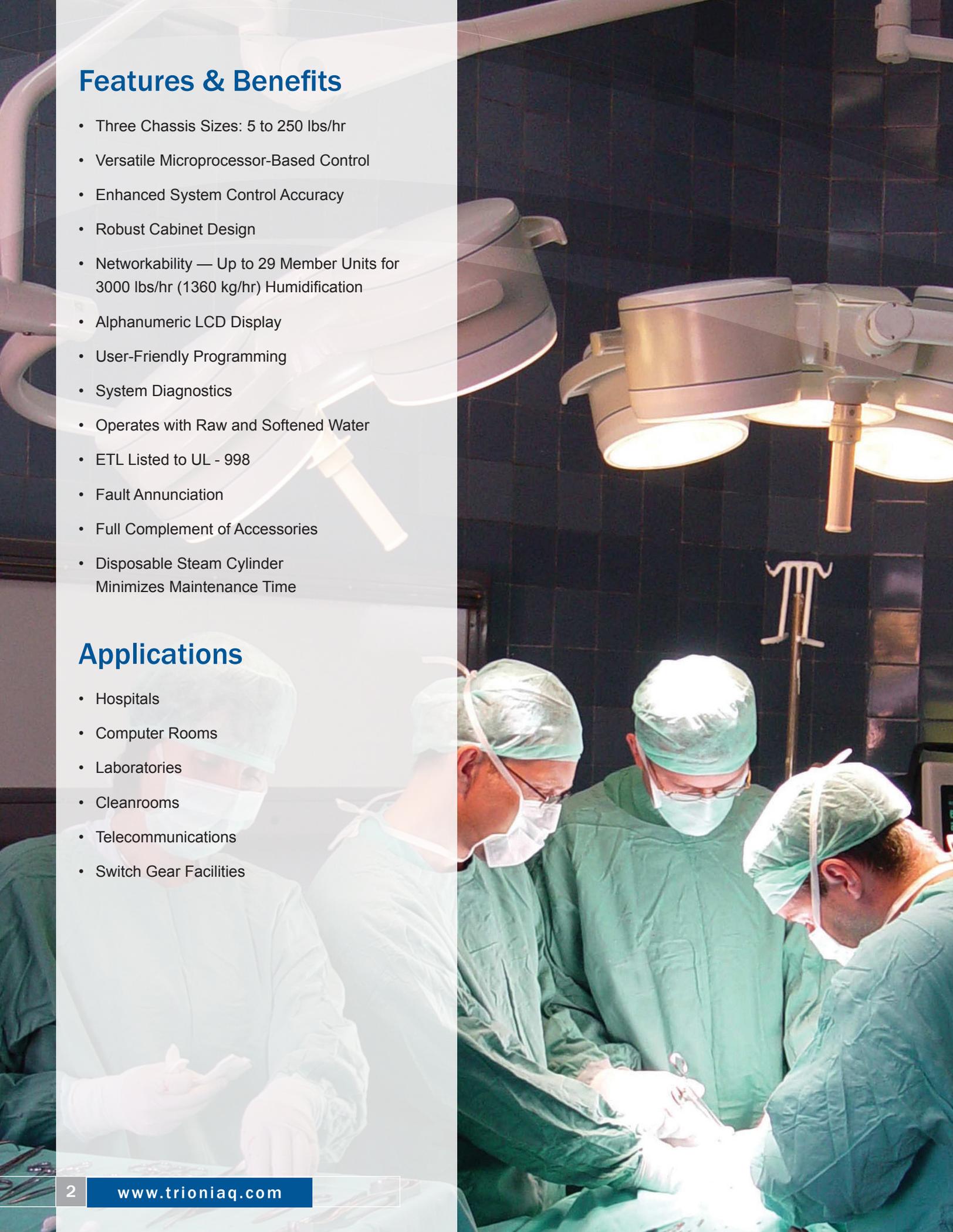
**Herrtronic® MD Series**  
*Electrode Steam Humidification*

## 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

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



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



Learn more about other TRION commercial products by contacting your local TRION representative or by visiting us on the web at [www.trioniaq.com](http://www.trioniaq.com).



Indoor Air Quality Since 1947

ISO 9001:2015 Certified

Industry Membership:



H-HERRMD-0918

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



\*Manufactured with domestic and foreign components.

To help serve you better, please contact us at:

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