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
**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.

**Specifications**

<table>
<thead>
<tr>
<th>Unit Sizes</th>
<th>MDM</th>
<th>5-30 lbs/hr (2.27-13.6 kg/hr)</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>MDS</td>
<td>10-100 lbs/hr (4.5-45 kg/hr)</td>
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<td>MDD</td>
<td>110-250 lbs/hr (49.9-113 kg/hr)</td>
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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-guage and 18-guage Steel — Powder Coat Finish

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.
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.troniaq.com.

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