



Herrtronic® MD Series

Advanced Microprocessor- Based Humidification

Enhanced System Control Accuracy

The Herrtronic MD Series provides the ultimate capability in steam humidification systems 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 and CSA approved.

Principal features are “user-friendly” microprocessor-based controls, a digital display providing up-to-date operating information, a networking capability that accommodates up to 29 slave 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.



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.

Features & Benefits

- Three sizes to meet your requirements
- Versatile microprocessor-based control
- Enhanced system control accuracy, minimized short cycling
- Sleek cabinet design
- Networkability — up to 29 slave units for 3000 lbs/hr (1360 kg/hr) humidification
- Alphanumeric LCD display
- User-friendly programming
- System diagnostics
- Operates with raw and softened water
- ETL and CSA approved
- Fault shutdown
- Full complement of accessories





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		60-1500 microhos
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		3: Cylinder Full , Power , Fault
High-limit Input		• On/Off • Proportional • Proportional + Integral
Steam Distribution System		Stainless Steel Pipes or Room Distribution Unit (RDU)
Piping		EPDM Steam Hose or Insulated Copper
Cabinet Construction		16- and 18-gauge Steel — Powder Coat Painted

Applications

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



A FEDERAL ENGINEERED PRODUCTS COMPANY

Corporate Office: 101 McNeill Road · Sanford, NC 27330
Phone: 800-884-0002 · Fax: 800-458-2379 · www.herrmidifier.com · email: herrsales@trioninc.com

UK Office: Trion Ltd. · Reith Way · West Portway Industrial Estate
Andover, Hampshire SP10 3TY, UK

Phone: +44 (0) 1264 364622 · Fax: +44 (0) 1264 350983 · www.trion.co.uk · email: info@trion.co.uk

