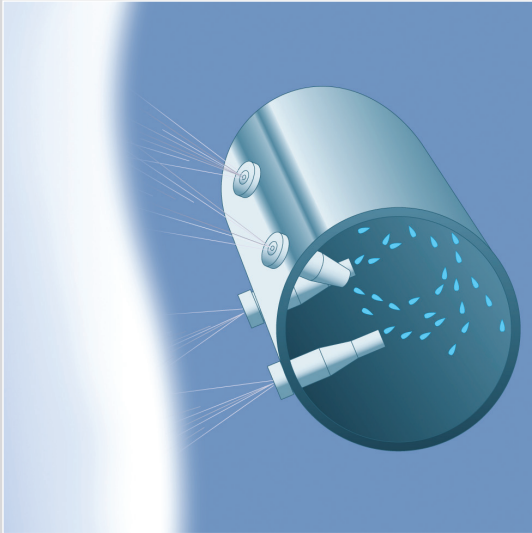


Herricane CS Series

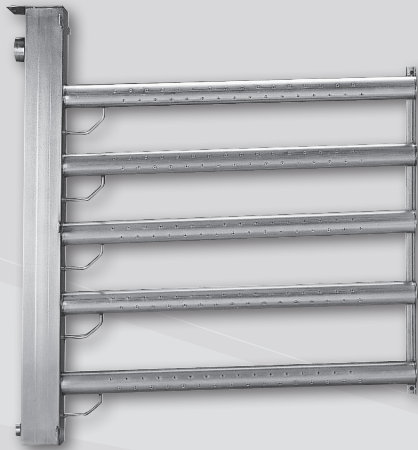
Steam Distribution Systems



TECHNICAL ENGINEERING SPECIFICATION



Our proven, metered nozzle design extends into the manifold to allow only the driest steam to discharge evenly across the entire length of the manifold.



CS-3115 Shown

Introduction: Quiet, Solid Reliability

The Herricane™ CS Series is designed to precisely meter steam from either a central boiler or a humidifier with zero maintenance and 96.4% energy efficiency. Every component of the Herricane™ steam distribution system is constructed entirely of stainless steel.

At our leading-edge test facility, research has proven that under specific conditions, a Guaranteed Evaporation Distance, heat gain, and static gain can be offered on the entire CS series. Each system is also tested with pressurized steam to assure quality and a trouble free service life.

Herrmidifier® has built in the kind of reliability that eliminates a two-fold servicing nightmare: the limited accessibility of an in-duct humidification installation that not only makes servicing difficult, but often hides the fact that service is required... until it's too late.

Features & Benefits:

- Purity of Steam Humidification
- Zero Maintenance
- Full Factory Tested Before Shipment
- Flexible Enough to Employ Steam from Any Source
- Stainless Steel Precision Nozzles
- Quiet Operation
- Horizontal or Vertical Airflow Applications

Applications:

- Laboratories
- Cleanrooms
- Paper Storage & Handling
- Office Buildings
- Hospitals / Clinics / Medical Offices
- Manufacturing Plants
- Semiconductor Manufacturing
- Printing Operations
- Museums
- Research Facilities

Warranty:

- 3-Year Limited Warranty on Distribution Systems (1-Year on Accessories)



Herrmidifier CS Series

Steam Distribution Systems

TECHNICAL ENGINEERING SPECIFICATION

Unit Specifications:

| Model | 1100 | 1101 | 1103 | 2105 | 3110 | 3113 | 3115 | 3119 | 4111 | 4116 |
|----------------------------------|------------|------------|------------|------------|----------------|----------------|------------|------------|------------|------------|
| Maximum Capacity (lbs/hr) | 50 | 50 | 100 | 500 | 500 | 125 | 1400 | 2000 | 500 | 1600 |
| Maximum Length | 6' | 6' | 6' | 10' | 10' | 10' | 10' | 10' | 10' | 10' |
| Maximum Height | N/A | N/A | N/A | N/A | 8' | 8' | 8' | 8' | 8' W | 8' W |
| Tube Diameter | 1.75" | 1.75" | 2" | 1.75" | 1.75" | 1.75" | 2" | 2" | 1.75" | 2" |
| Header Size | N/A | N/A | N/A | N/A | 3" | 3" | 4" | 4" | 3" | 4" |
| Supply Connection | 1.5" FPT | 1.5" Tube | 2" FPT | 2" FPT | 1.5" or 2" FPT | 1.5" or 2" FPT | 2" FPT | 2" FPT | 1.5" FPT | 2" FPT |
| Drain Connection | .5" FPT | N/A | .5" FPT | .75" FPT | .75" FPT | N/A | .75" FPT | .75" FPT | .75" FPT | .75" FPT |
| Tube Direction | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Vertical | Vertical |
| Airflow Direction | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal | Horizontal |

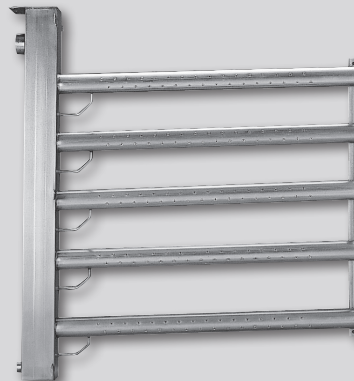
Vertical airflow configurations are available upon request.



CS-1100 Shown



CS-2105 Shown



CS-3115 Shown



CS-4111 Shown

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Herrmidifier® | 101 McNeill Road | Sanford, NC 27330 | Phone: 800-884-0002 | Fax: 800-458-2379
www.herrmidifier-hvac.com | Email: cs@herrmidifier-hvac.com