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.

TRION® has built in the kind of reliability that eliminates a two-fold servicing nightmare: the limited accessability 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)
## Product Data Sheet

**Herricane CS Series**

Steam Distribution Systems

**H-HERRICANE-0518**

**www.trioniaq.com**

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

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### Unit Specifications:

<table>
<thead>
<tr>
<th>Model</th>
<th>1100</th>
<th>1101</th>
<th>1103</th>
<th>2105</th>
<th>3110</th>
<th>3113</th>
<th>3115</th>
<th>3119</th>
<th>4111</th>
<th>4116</th>
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<tbody>
<tr>
<td><strong>Maximum Capacity (lbs/hr)</strong></td>
<td>50</td>
<td>50</td>
<td>100</td>
<td>500</td>
<td>500</td>
<td>125</td>
<td>1400</td>
<td>2000</td>
<td>500</td>
<td>1600</td>
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<tr>
<td><strong>Maximum Length</strong></td>
<td>6’</td>
<td>6’</td>
<td>6’</td>
<td>10’</td>
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<tr>
<td><strong>Maximum Height</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>8’</td>
<td>8’</td>
<td>8’</td>
<td>8’</td>
<td>8’</td>
<td>8’ W</td>
<td>8’ W</td>
</tr>
<tr>
<td><strong>Tube Diameter</strong></td>
<td>1.75”</td>
<td>1.75”</td>
<td>2”</td>
<td>1.75”</td>
<td>1.75”</td>
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<td>2”</td>
<td>1.75”</td>
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<td><strong>Header Size</strong></td>
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<td>N/A</td>
<td>3”</td>
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<tr>
<td><strong>Supply Connection</strong></td>
<td>1.5” FPT</td>
<td>1.5” Tube</td>
<td>2” FPT</td>
<td>2” FPT</td>
<td>1.5” or 2” FPT</td>
<td>1.5” or 2” FPT</td>
<td>2” FPT</td>
<td>2” FPT</td>
<td>1.5” FPT</td>
<td>2” FPT</td>
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<tr>
<td><strong>Drain Connection</strong></td>
<td>.5” FPT</td>
<td>.5” Tube</td>
<td>.75” FPT</td>
<td>.75” FPT</td>
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<td><strong>Tube Direction</strong></td>
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<td><strong>Airflow Direction</strong></td>
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</table>

Vertical airflow configurations are available upon request.

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*Manufactured with domestic and foreign components.