Introduction:
The Herrmidisteam™ Isothermal Steam to Steam (SS) humidifier is designed to provide “clean steam” that is free of boiler treatment chemicals that are associated with some conventional plant steam humidifiers. Each system is custom engineered to assure quality, performance, and a long, trouble-free service life.

The Herrmidisteam™ system operates by circulating plant steam through a specially engineered heat exchanger that generates steam in a stainless steel vaporization chamber. Designed for use with raw water or deionized/reverse osmosis technical waters, the resulting steam is as clean as the water being supplied to the unit.

Output capacities are available up to and exceeding 700 lbs/hr of steam.

Each unit comes complete with a dedicated control system and a control valve package that includes condensate traps, line strainer, control valve, and actuator. The Herrmidisteam™ control system will accept a proportional demand signal from a BMS or humidity controller. Optional installation configurations and control schemes are available to meet special application needs.

Features & Benefits:
• Purity of Steam Humidification
• Compatible with Raw or Technical Waters
• Utilizes Existing Energy Source
• Simple Maintenance
• Stainless Steam Vaporization Chamber
• Flexible Mounting Options
• Works with Herricane or Est Dispersion Tubes
• ETL Listed

Warranty:
• 2-Year Limited Warranty

Applications:
• Laboratories
• Cleanrooms
• Paper Storage & Handling
• Office Buildings
• Hospitals / Clinics / Medical Offices
• Manufacturing Plants
• Semiconductor Manufacturing
• Printing Operations
• Museums
• Research Facilities
Herrmidisteam - SS
Isothermal Steam to Steam Humidifier

PRODUCT DATA SHEET

Stainless Steel HXR Max. Output Capacities:

<table>
<thead>
<tr>
<th>Model</th>
<th>5 PSI</th>
<th>10 PSI</th>
<th>13 PSI</th>
<th>15 PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>SS-200</td>
<td>55 lbs/hr</td>
<td>120 lbs/hr</td>
<td>165 lbs/hr</td>
<td>200 lbs/hr</td>
</tr>
<tr>
<td>SS-500</td>
<td>65 lbs/hr</td>
<td>210 lbs/hr</td>
<td>310 lbs/hr</td>
<td>400 lbs/hr</td>
</tr>
<tr>
<td>SS-800</td>
<td>185 lbs/hr</td>
<td>375 lbs/hr</td>
<td>540 lbs/hr</td>
<td>760 lbs/hr</td>
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</table>

Unit Weights:

<table>
<thead>
<tr>
<th>Model</th>
<th>SS-200</th>
<th>SS-500</th>
<th>SS-800</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shipping Weight</td>
<td>125 lbs</td>
<td>140 lbs</td>
<td>320 lbs</td>
</tr>
<tr>
<td>Operating Weight</td>
<td>330 lbs</td>
<td>350 lbs</td>
<td>950 lbs</td>
</tr>
</tbody>
</table>

1/2" NPT Fill Make-Up Valve
Steam Supply
Condensate Return
DRAIN SOLENOID
CLEAN OUT ACCESS
SKIMMER
HEAT EXCHANGER

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101 McNeill Road
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customerservice@trioniaq.com

To help serve you better, please contact us at:
800-884-0002 (tel)
800-458-2379 (fax)

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*Manufactured with domestic and foreign components.