Isothermal humidification for better air quality

STULZ SupraSteam electrode steam humidifier – Reliable air humidification not just for exhibition rooms
STULZ SupraSteam – Proven around the world

STULZ SupraSteam is a technically flexible solution for industry and the home as well as museums, exhibition rooms, and building complexes that have to be kept sterile.

- Steam output range from 1.5 kg/h to 65 kg/h
- Simple connection to the drinking water mains
- Several control and connection possibilities
- For direct room and air duct applications
- Patented anti-foaming system (AFS)
- Integrated separation from the drinking water mains
- Integrated conductivity sensor for optimizing steam production, increasing cylinder life, and minimizing running costs through more efficient drainage
- Automatic drainage after longer periods not in service
- Automatic water concentration management
Features of the integrated control module

The unit's intelligent microprocessor control allows a single cylinder type to be used for different water qualities, improves energy efficiency, and optimizes both water supply and drainage.

- On/Off operation
- Proportional operation via external control signal (e.g., 0–10 V signal)
- Humidity control with humidity sensor (actual value/setpoint comparison)
- Alphanumerical display
- RS485 interface
- Second humidity sensor can be connected as a supply air limit sensor
- Output of zero-potential alarm or status signal
- Continuous output control with all standard control signals

**Stulz SupraSteam electrode steam humidifier**

<table>
<thead>
<tr>
<th>Model</th>
<th>Steam output (kg/h)</th>
<th>Power source (V)</th>
<th>Fusing (A)</th>
<th>Power consumption (kW)</th>
<th>Device dimensions HxWxD (mm)</th>
<th>Empty weight (kg)</th>
<th>No. and cross-section of steam ports (mm)</th>
<th>Permitted air duct pressure (Pa)</th>
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<tbody>
<tr>
<td>SEH0011H23E2</td>
<td>1.5</td>
<td>230</td>
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</table>

**Required water connecting pipes:**
- Water drain hose with inside diameter DN 40
- Water supply hose with 3/4” external thread
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