

humiSteam: immersed electrode steam humidifier

The rational choice!

The result of CAREL's forty-year experience in the field of steam humidifiers, and the most appropriate choice for a wide variety of air humidification applications: commercial spaces, offices, industrial facilities and steam baths.



- three types of control;
- models from 3.3 to 287 lbs/hr (1.5 to 130 kg/h);
- control probe and modulating limit probe;
- disposable or openable cylinders;
- auto-tuning based on type of water



humiSteam produces steam from drinking water with a conductivity between 75 and 1250 $\mu\text{S}/\text{cm}$, and can **automatically adapt to the characteristics of the feedwater**, optimizing operating time without requiring maintenance. The wide range of modulation (from 20% to 100%) and the sophisticated electronic controller allow precise control of room humidity; the limit probe avoids condensate forming in the duct, in any situation.

humiSteam is fitted with the **patented AFS** (anti foaming system) that detects and manages the entrainment of foam, thus preventing droplets of water being carried by the steam.

All humiSteam models offer standard Modbus[®] communications, with LONtalk and BACnet available as options. The X-plus model also features automatic time band operation and the option of other communication protocols.



steam distributor



cylinder with electrodes



Easy to use

Wide display with texts in 9 languages and graphs of operating status and diagnostics.



Fast maintenance

Long-life cylinders with quick couplings for fast and hassle-free maintenance.



Quality and reliability

CAREL is the world's number one manufacturer of immersed electrode systems, leading the way in both technology and quality.