



STULZ the natural choice

# STULZ SupraSteam® Electrode Steam Humidifier





## STULZ SupraSteam® – Proven around the world

The STULZ SupraSteam® series 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 production from 1.5 kg/h to 65 kg/h, depending on the model
- Type of control can be selected
- Air duct humidification with optional steam lance
- Direct room humidification with optional top-mounted fan
- Patented anti-foaming system AFS
- Integrated conductivity sensor for optimising steam production, increasing cylinder life and minimising running costs through more efficient limescale separation
- Connection to monitoring and remote maintenance systems
- Optional remote control



### Features of the integrated control module

- ON/OFF operation
- Proportional operation via external control signal (e.g. 0–10 V signal)
- Humidity control with moisture sensor (actual value/ setpoint comparison)
- Alphanumeric display
- Second moisture sensor can be connected as a supply air limit sensor
- Remote control
- Output of floating alarm or status signal
- Possible signal types (sensor or control signal): 0–10 V; 0–1 V; 2–10 V; 4–20 mA; 0–20 mA
- RS485 interface

### Operating conditions

Permitted water pressure	1 ... 8 bar
Water conductivity	125 ... 1,250 µS/cm
Hardness	8 ... 22° dH
Ambient temperature max.	1 ... 40 °C
Ambient humidity max.	10 ... 90 % r.h.
Protection rating	IP20

### STULZ SupraSteam® electrode steam humidifier

Model	Steam output (kg/h)	Electrical connection (V)	Fuse (A)	Power consumption (kW)	Unit dimensions HxWxD (mm)	Weight when empty (kg)	No. and cross-section of steam conns. (mm)	Permitted air duct pressure (Pa)
SEH0011H23E2	1.5	230	10	1.50	620x365x275	13.5	1x22	+ 2,000
SEH0031H23E2	3.0	230	16	2.25	620x365x275	13.5	1x22	+ 2,000
SEH0033H40E2	3.0	400	10	2.25	620x365x275	13.5	1x22	+ 2,000
SEH0051H23E2	5.0	230	32	3.75	620x365x275	13.5	1x30	+ 1,600
SEH0053H40E2	5.0	400	10	3.75	620x365x275	13.5	1x30	+ 1,600
SEH0083H40E2	8.0	400	16	6.00	620x365x275	13.5	1x30	+ 1,600
SEH0103H40E2	10.0	400	16	7.50	710x365x275	17.0	1x30	+ 1,700
SEH0153H40E2	15.0	400	32	11.25	710x365x275	17.0	1x30	+ 1,700
SEH0253H40E2	25.0	400	50	18.75	890x555x360	34.0	1x40	+ 2,300
SEH0353H40E2	35.0	400	60	26.25	890x555x360	34.0	1x40	+ 2,300
SEH0453H40E2	45.0	400	80	33.75	890x555x360	34.0	1x40	+ 2,300
SEH0653H40E2	65.0	400	100	48.75	945x650x455	44.0	2x40	+ 2,300

Required water connecting pipes:

Water drain hose with inside diameter DN 40

Water supply hose with 3/4" external thread

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... With specialist, competent partners in our subsidiaries and exclusive sales and service partners around the world. Our five production sites are in Europe, North America and Asia.