



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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Close to you all over the world.

... 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.