

STULZ

CLIMATE. CUSTOMIZED.



Isothermal humidification for better air quality

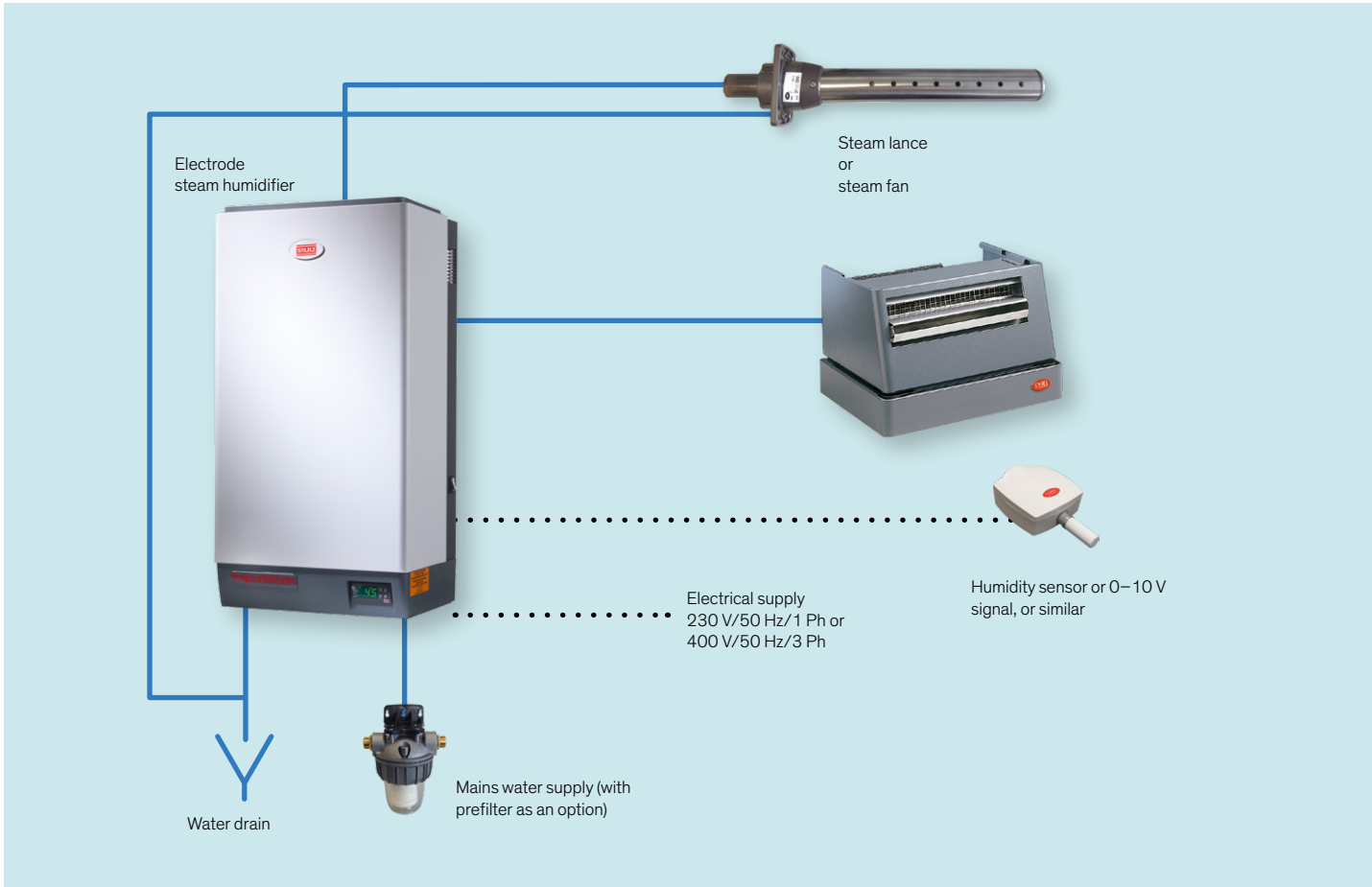
STULZ SupraSteam electrode steam humidifier – Reliable air humidification not just for exhibition rooms

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



Stulz SupraSteam connection diagram

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)
- Alphanumeric 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								
Model	Steam output (kg/h)	Power source (V)	Fusing (A)	Power consumption (kW)	Device dimensions HxWxD (mm)	Empty weight (kg)	No. and cross-section of steam ports (mm)	Permitted air duct pressure (Pa)
SEH0011H23E2	1,5	230	10	1,13	620×365×275	13,5	1×22	+2.000
SEH0031H23E2	3,0	230	16	2,25	620×365×275	13,5	1×22	+2.000
SEH0033H40E2	3,0	400	10	2,25	620×365×275	13,5	1×22	+2.000
SEH0051H23E2	5,0	230	32	3,75	620×365×275	13,5	1×30	+1.600
SEH0053H40E2	5,0	400	10	3,75	620×365×275	13,5	1×30	+1.600
SEH0083H40E2	8,0	400	16	6,00	620×365×275	13,5	1×30	+1.600
SEH0103H40E2	10,0	400	16	7,50	710×365×275	17,0	1×30	+1.700
SEH0153H40E2	15,0	400	32	11,25	710×365×275	17,0	1×30	+1.700
SEH0253H40E2	25,0	400	50	18,75	890×555×360	34,0	1×40	+2.300
SEH0353H40E2	35,0	400	60	26,25	890×555×360	34,0	1×40	+2.300
SEH0453H40E2	45,0	400	80	33,75	890×555×360	34,0	1×40	+2.300
SEH0653H40E2	65,0	400	100	48,75	945×650×455	44,0	2×40	+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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