

**STULZ**

CLIMATE. CUSTOMIZED.



# Isothermal humidification for better air quality

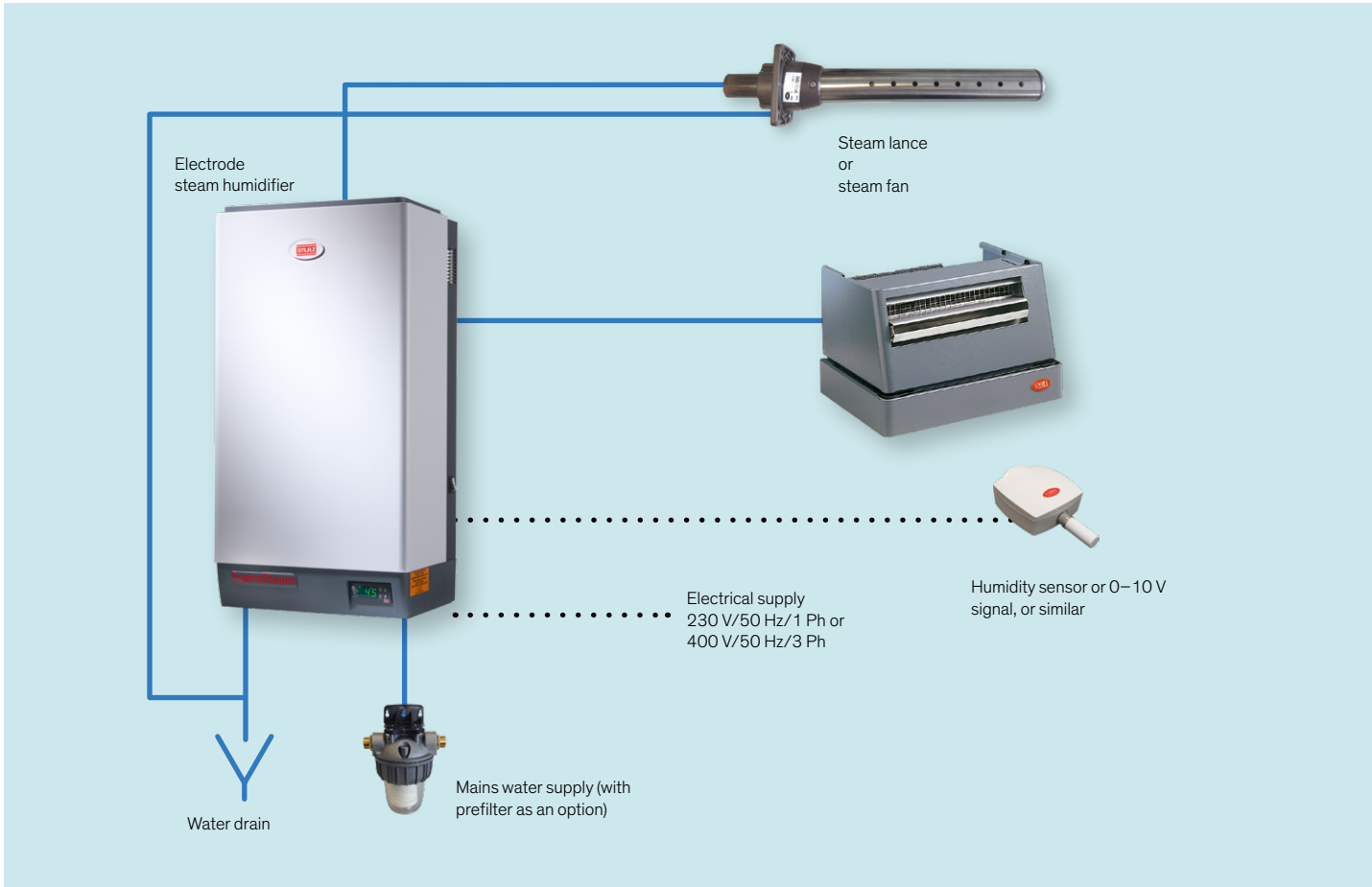
STULZ SupraSteam electrode steam humidifier – Reliable air humidification not just for exhibition rooms

# 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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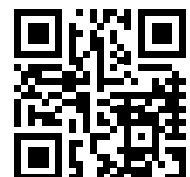
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With specialist, competent partners in ten German branches and in subsidiaries and exclusive sales and service agents around the world.

Our ten production sites are situated in Europe, North America and Asia.

For further information, please visit our website at [www.stulz.com](http://www.stulz.com)



You can find out more  
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