



**HygroMATIK®**  
WE HUMIDIFY THE AIR

# SteamKits E and H

Steam humidifier installation kit  
Electrode and Heater Type



- Hygienic humidification with mineral-free steam
- Fast steam production
- Reusable steam cylinder
- Robust blowdown pump for low maintenance requirements
- Easy maintenance without special tools



**Humidification for best conditions**  
for industry, manufacturing processes, public buildings and offices

# HygroMatik SteamKits **E**lectrode und **H**eater Type

The integrative solution: Steam humidifiers as an installation kit

## Electrode or Heater Type – two principles with advantages.

The new HygroMatik steam humidifiers are now also available as an installation kit. Depending on the required steam output and available water quality, you can choose between the electrode or the heater type version. The **SteamKit E** can be operated with tap water and is characterised by lower acquisition costs. The **SteamKit H**, on the other hand, has the advantage that it is almost maintenance-free when using demineralised water.

The high-quality, ready-to-connect components and the well thought-out technology of the SteamKits are convincing due to their simple installation and long service life. This is why numerous well-known manufacturers of climatic cabinets, baking ovens and clean room workbenches rely on the proven quality of our steam humidifier installation kits.



SteamKit E 15



SteamKit E 02



SteamKit H 06  
with capacitive sensor



SteamKit H 02  
with float switch

## SteamKit E

- Steam outputs from 2 to 20 kg/h
- Large-surface electrodes made of stainless steel for long service life
- Operation with tap water
- With Standard control incl. PI controller

## SteamKit H

- Steam outputs from 2 to 15 kg/h
- Resistance heating element made of highly corrosion-resistant alloy
- Operation with different water qualities possible
- With Standard control incl. PI controller

### Technical data for **SteamKit E** (electrodes)

Type	KIT E02	KIT E06	KIT E06	KIT E10	KIT E15	KIT E20
Steam output [kg/h]	2.0	4.5	6.0	10.0	15.0	20.0
Electrical connection <sup>(1)</sup> [V/Hz] (with Standard control)	220 - 240V/1/N 50-60Hz		380 - 415V/3/N 50-60Hz			
Electrical power [kW]	1.5	3.4	4.5	7.5	11.0	15.0
Rated current [A]	6.5	15.0	6.5	10.8	16.3	21.7
Fuse [A]	1 x 10	1 x 20	3 x 10	3 x 16	3 x 20	3 x 35
Control	optional: Standard or Basic					
Control voltage [V]	220 - 240					
Steam hose connection [mm]	1 x 25					1 x 40
Weight (empty) steam unit [kg]	3.4	3.6		4.0	7.0	
Weight (operating) steam unit [kg]	8.0	7.0		9.0	21.0	
Height steam unit [mm] incl. steam hose adapter	400	530		550	730	
Width steam unit [mm]	300				350	
Depth steam unit [mm]	220				285	
Water supply	Tap water of different qualities 1 to 10 bar (100 x 10 <sup>3</sup> to 1000 x 10 <sup>3</sup> Pa), for 3/4“ external thread					

### Technical data for **SteamKit H** (heater type)

Type	KIT H02	KIT H03	KIT H06	KIT H06	KIT H09	KIT H15
Steam output [kg/h]	2.0	3.0	6.0	6.0	9.0	15.0
Electrical connection <sup>(1)</sup> [V/Hz] (with Standard control)	220 - 240 V/1/N 50-60Hz			380 - 415V/3/N 50-60Hz		
Electrical power [kW]	1.5	2.25	4.5	4.5	6.75	11.4
Rated current [A]	6.5	9.8	19.6	11.3	16.9	16.5
Fuse [A]	1 x 10	1 x 16	1 x 25	3 x 16	3 x 20	3 x 20
Control	optional: Standard or Basic					
Control voltage [V]	220 - 240					
Number of heater elements	1					3
Steam hose connection [mm]	1 x 25					
Weight (empty) steam unit [kg]	4.5	5.4				9.0
Weight (operating) steam unit [kg]	9.0	11.0				24.0
Height steam unit [mm] incl. steam hose adapter	400	530				730
Width steam unit [mm]	300					350
Depth steam unit [mm]	220					285
Water supply	Fully demineralised water / cleaned condensate / partially softened water / tap water (different qualities) 1 to 10 bar (100 x 10 <sup>3</sup> to 1000 x 10 <sup>3</sup> Pa), for 3/4“ external thread					

<sup>(1)</sup> Other voltages upon request.

## Our service for 100% customer satisfaction

- Long availability for replacement parts
- Technical hotline +49 4193 895-293  
or [hotline@hygromatik.com](mailto:hotline@hygromatik.com)
- HygroMatik distributes in more than 45 countries
- Operating manuals, planning data and information  
on workshop events available online at  
[www.hygromatik.com](http://www.hygromatik.com)



**HYGROMATIK®**  
WE HUMIDIFY THE AIR

HygroMatik GmbH  
Lise-Meitner-Str. 3  
24558 Henstedt-Ulzburg  
Germany

T +49 4193 895-0  
F +49 4193 895-33  
[hy@hygromatik.de](mailto:hy@hygromatik.de)  
[www.hygromatik.com](http://www.hygromatik.com)

member of **CAREL group**