



HYGROMATIK
WE HUMIDIFY THE AIR

HeaterCompact

Resistive steam humidifier



HeaterCompact technical data

Type	HC02	HC03	HC06	HC06	HC09	HC06P	HC09P	HC12	HC18	HC27
Steam output [kg/h]	2	3	6	6	9	6	9	12	18	27
Electrical connection*	230V/1/N				400V/3/N 50-60Hz					
Electrical power [kW]	1.5	2.25	4.5	4.5	6.8	4.5	6.8	9.0	13.5	20.3
Current consumption [A]**	6.5	9.8	19.6	11.3	16.9	11.3	16.9	19.5	29.3	29.3
Fuse [A]	1x10	1x10	1x20	3x16	3x20	3x16	3x20	3x25	3x35	3x35
Controller	Basic, Comfort and Comfort Plus***									
Number of steam cylinders	1									
Number of heaters	1	1	1	1	1	1	1	2	2	3
Steam hose connection	1x25mm****							1x40mm		
Empty weight [kg]	13	16	16	16	16	26	26	27	27	28
Operating weight [kg]	16	19	19	19	19	39	39	40	40	41
Height [mm]	390	559				704				
Width [mm]	394	427				490				
Depth [mm]	260	260				309				
Water supply	Fully demineralised water / cleaned condensate: 1–10 bar, 13mm hose partially softened water / tap water of varying qualities 1–10 bar, for 3/4" outer thread									

* Other voltages upon request

** Non-uniform phase loading

*** ComfortPlus does not apply for HC02

**** Incl. reducing piece

Subject to technical amendments without notice

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A Member of the **spirax**/**sarco** group



HYGROMATIK
MORE THAN
45 YEARS
HUMIDIFICATION



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

07/2017

Small. Compact. Economic.



Steam manifold

Der HeaterCompact bietet kleine, kompakte Geräteabmessungen bei optimaler Komponentenzugänglichkeit - das spart Platz und Zeit bei Installation und Service.

Im korrosionsbeständigen Edelstahl-Gehäuse kann der HeaterCompact mit vollentsalztem, enthärtetem oder mit Leitungswasser betrieben werden. Das macht flexibel bei Planung und Installation - bei einem besonders attraktiven Preis-Leistungsverhältnis.



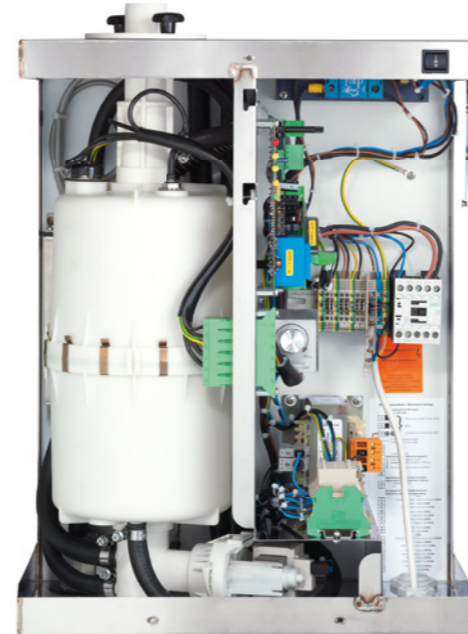
Reusable plastic cylinder

- easy to maintain thanks to simple cylinder clips and low weight
- energy-efficient thanks to low heat radiation



Mineral-free steam – permanent and safe

The HeaterCompact heats the water in the energy-efficient plastic cylinder based on an immersion heater principle. Hence with fully deionised water steam production is continuous without any blowdown. Safety plus: all heater units are equipped with mechanical overheat protection on the heater and a float switch with level control - thus guaranteeing process safety.



High-quality heating elements – durable and low-maintenance

- immersion heater based heating principle
- safe due to overheat protection at the heater with drying out protection
- practically maintenance-free when operated with fully deionised water plus continuous steam production for high control accuracy



Precise Control.

Quality Certified
VDE, GS and CE

Thanks to its highly developed microprocessor controls, the HygroMatik HeaterCompact offers quick control responses and high control accuracy up to +/- 1%.

The intelligent controller self adjusts to match the particular application and water quality. The HeaterCompact can be controlled proportionally in the range 5 - 100% of the respective nominal power, which makes it particularly efficient even at very low power requirements.

The controllers process all established control signals. Master-slave operation and remote control options are available.

The HeaterCompact Basic unit provides

- proportional or one-step control
- automatic system test
- 5 LEDs for indicating operating states
- 2 potential free signals
- standby heating for quick steam production
- RS485 serial interface



The HeaterCompact Comfort unit includes additionally

- integrated PI control
- comprehensive parameter settings for optimum operation
- 4 line illuminated display
- 4 function keys for easy operation and programming



HeaterCompact ComfortPlus additionally provides

- rotary pushbutton encoder for particularly simple operation and programming
- timer function



Innovative SuperFlush cylinder rinse system included

- ✓ clear increase in cylinder service cycle



Our service for you

- HygroMatik distributors in more than 35 countries worldwide
- Technical hotline: +49 4193 895-293
- Personal on-site assistance
- 24-hour spare parts service
- Extended availability of spare parts
- Manuals and information material at www.hygromatik.com



Best by Design

- compact and space-saving
- hygienic and safe
- extremely easy to maintain
- reusable cylinder
- flexible use with different water qualities
- energy efficient
- attractive price-performance ratio