



**HYGROMATIK**  
 MORE THAN  
**45 YEARS**  
 HUMIDIFICATION

# 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



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## Small - compact - economic



Steam manifold

The HeaterCompact offers compact unit measurements together with optimum component accessibility - saving space and time during installation and service.

With a corrosion-resistant stainless-steel housing the HeaterCompact can be operated with completely deionised water, softened water or tap water. This permits flexible planning and installation - at a particularly attractive price-performance ratio.



## Precise control

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.

Quality Certified  
VDE, GS and CE

## Reusable plastic cylinder

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



## Microprocessor controls

### Basic:

- 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

### Comfort units offer in addition

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

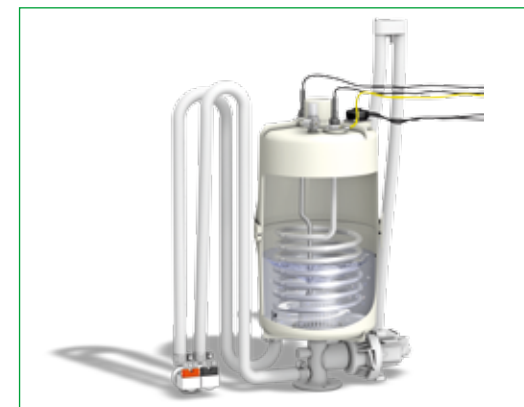
### Comfort Plus also includes

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



## 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.

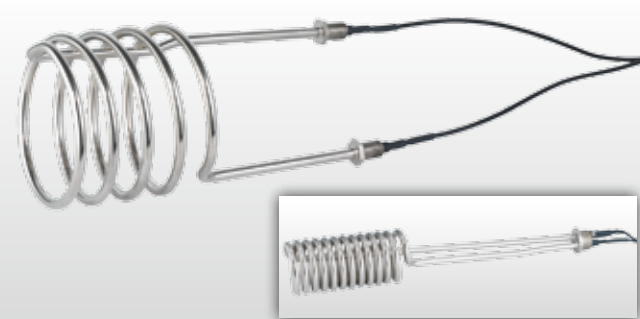


## With innovative SuperFlush cylinder rinse system

- ✓ clear increase in cylinder service cycle

## All signals are set to green

- 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



- 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



## Our service to you

- personal on-site care provided by qualified field service employees
- technical hotline: +49 4193 895-293
- HygroMatik service partners, operating manuals, planning data, workshops and more are available online at [www.hygromatik.com](http://www.hygromatik.com)