

HeaterCompact

Resistive steam humidifier

HygroMatik®
40 YEARS
HUMIDIFICATION



HYGROMATIK®
WE HUMIDIFY THE AIR.

Small - compact - economic



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.

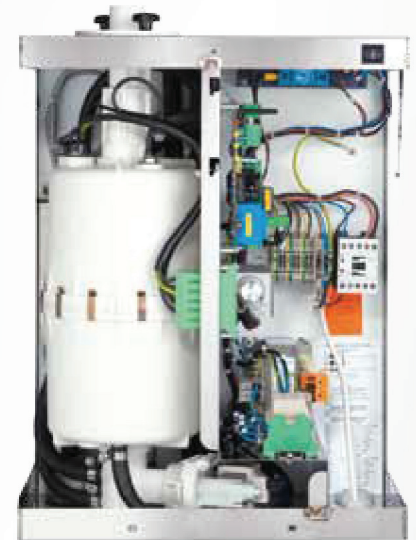


All signals are set to green

- 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

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.



- 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

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

Microprocessor controls

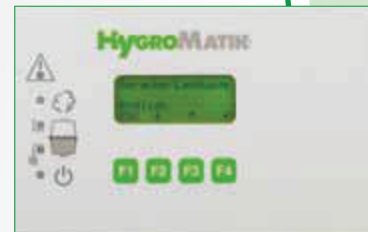
- Basic:**
- proportional or one-step control
 - automatic system test
 - 5 LEDs for indicating operating states
 - 2 potential free signals
 - standby heating for quick steam production
 - RS485 serial interface

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



With innovative SuperFlush cylinder rinse system

- ✓ clear increase in cylinder service cycle

Our service to you

- personal on-site care provided by qualified field service employees
- technical hotline: 0870 4685463 (0870 HOTLINE)
- HygroMatik service partners throughout Germany, Ireland and the UK - including in your vicinity
- operating manuals, planning data and workshops available online at www.hygromatik.co.uk





HeaterCompact technical data

Type	HC03	HC06	HC06	HC09	HC06P	HC09P	HC12	HC18	HC27
Steam output [kg/h]	3	6	6	9	6	9	12	18	27
Electrical connection*	230V/1/N			400V/3/N 50-60Hz					
Electrical power [kW]	2,25	4,5	4,5	6,8	4,5	6,8	9,0	13,5	20,3
Current consumption [A]**	9,8	19,6	11,3	16,9	11,3	16,9	19,5	29,3	29,3
Fuse [A]	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	2	2	3
Steam hose connection	1x25mm***							1x40mm	
Cond. hose connection	1x12mm								
Empty weight [kg]	16	16	16	16	25	25	26	26	27
Operating weight [kg]	18	18	18	18	43	43	44	44	45
Height [mm]	562			695					
Width [mm]	427			490					
Depth [mm]	257			306					
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.

*** Incl. reducing piece.

We reserve the right to make technical changes.

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