

Specification

Heater type (resistive) steam humidifiers **HeaterCompact ComfortPlus**

Connection-ready compact steam humidifier for fully automated and intrinsically safe production of mineral-free and pure steam. Space-saving, installation and maintenance-friendly design for wall mounting. Cabinet made from corrosion-resistant stainless steel. Can be operated with completely demineralised, partially softened or standard tap water. With VDE and GS certification, CE and EAC compliant. With innovative cylinder rinse system for a significant increase in the cylinder service cycle.

Includes as standard

- re-usable steam cylinder - cleanable without chemicals and available for re-use, temperature and age-resistant
- high grade replaceable heater elements
- limescale management due to integrated cylinder rinse system
- heavy-duty blow-down pump to prevent standing water in the cylinder
- steam hose adapter and plug-type connections for quick and easy access to all components
- electronic level control and double dry-run protection
- removable cover providing all round component accessibility

Optional

- Timer controlled stub flushing
- Integrated drain water tempering to ensure a drain water temperature of max. 60°C

Highly efficient control with 16-bit microprocessor for rapid steam production, optimum energy efficiency and low-maintenance operation. Permanently monitors the complete humidification process for comprehensive operational safety. Accepts all standard control signals and provides modular set up.

Microprocessor control type ComfortPlus:

- Integrated PI control
- Comprehensive parameter settings for optimum operation
- Rotary pushbutton encoder for particularly simple operation and programming
- 4 line illuminated display
- 4 function keys for easy operation and programming
- Timer function
- High control accuracy up to +/- 1%
- Proportional controllability within a range of 5-100% of the rated power output
- Processes all established control signals
- Proportional or one-step control
- Automatic system test to check all functions and appliance components
- 5 LEDs for indicating, operating and service states
- 2 potential free remote signals
- Stand-by blow-down to eliminate standing water according to VDI 6022
- Stand-by heating for quick steam production
- Integrated communication protocol Modbus RTU
- Integrated serial interface RS-232 / RS-485 (EIA-232 / EIA-485)

Optional:

- Relay circuit board for 4 additional signals selectable from 15 options
- Remote control

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Optional

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Optional

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- Remote control

Specification

Heater type (resistive) steam humidifiers **HeaterCompact Basic**

Connection-ready compact steam humidifier for fully automated and intrinsically safe production of mineral-free and pure steam. Space-saving, installation and maintenance-friendly design for wall mounting.

Cabinet made from corrosion-resistant stainless steel. Can be operated with completely demineralised, partially softened or standard tap water. With VDE and GS certification, CE and EAC compliant.

With innovative cylinder rinse system for a significant increase in the cylinder service cycle.

Includes as standard

- re-usable steam cylinder - cleanable without chemicals and available for re-use, temperature and age-resistant
- high grade replaceable heater elements
- limescale management due to integrated cylinder rinse system
- heavy-duty blow-down pump to prevent standing water in the cylinder
- steam hose adapter and plug-type connections for quick and easy access to all components
- electronic level control and double dry-run protection
- removable cover providing all round component accessibility

Optional

- Timer controlled stub flushing
- Integrated drain water tempering to ensure a drain water temperature of max. 60°C

Highly efficient control with 16-bit microprocessor for rapid steam production, optimum energy efficiency and low-maintenance operation. Permanently monitors the complete humidification process for comprehensive operational safety. Accepts all standard control signals and provides modular set up.

Microprocessor control Basic:

- High control accuracy up to +/- 1%
- Proportional controllability within a range of 5-100% of the rated power output
- Processes all established control signals
- Proportional or one-step control
- Automatic system test to check all functions and appliance components
- 5 LEDs for indicating, operating and service states
- 2 potential free remote signals
- Stand-by blow-down to eliminate standing water according to VDI 6022
- Stand-by heating for quick steam production
- Integrated communication protocol Modbus RTU
- Integrated serial interface RS-232 / RS-485 (EIA-232 / EIA-485)

Optional

- Relay circuit board for 4 additional signals selectable from 15 options

Technical Data

Steam output	..... kg/h (max.)
Electrical supply	...../...../..... V/Phases/(N)
Control voltage	..... V
Electrical power	..... kW (max.)
Current	..... A (max.)
Manufacturer	HygroMatik
Type	HeaterCompact..... (Basic, Comfort or Comfort Plus)

Accessories

- Steam manifold with condensate return

DN	..... (25 or 40)
Length	..... (220, 400, 600, 900, 1200 or 1500 mm)

- alternatively Fan unit

Recirculation air	..... m ³ /h
Manufacturer	HygroMatik
Type	VG

- Steam hose

DN	..... (25 or 40)
Length	..... m

Condensate hose	
Length	..... m

Drain hose	
Length	..... m