

## Specification

### Heater type (resistive) steam generator **HeaterCompact ComfortPlus DS**

Connection-ready compact steam generator 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 ComfortPlus DS:

- Automatic system test incl. self-diagnosis to check all functions and components
- Uniform steam production and constant steam bath temperature
- Programmable power retention
- Continuous or 1 step temperature control
- 4-line illuminated display
- 4 function keys
- Rotary push encoder for really simple operation and programming
- Timer function
- 5 LEDs to indicate 18 operating and service messages
- 2 potential free remote signals, one of them freely programmable with 15 options
- Maximum temperature monitoring with safety switch-off
- Stand-by blow-down to prevent standing cylinder water according to VDI (Association of German Engineers) 6022
- Integrated communication protocol Modbus RTU
- Integrated serial interface RS-232 / RS-485 (EIA-232 / EIA-485), optionally deselectable

#### Optional

- Relay circuit board to output 4 control commands / messages from 15 options, e.g. essence pump, light, fan
- Wireless touch remote control for adjustment of temperature, essence and light in front of as well as inside the steam bath

## Specification

### Heater type (resistive) steam generator **HeaterCompact Comfort DS**

Connection-ready compact steam generator 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 Comfort DS:

- Automatic system test incl. self-diagnosis to check all functions and components
- Uniform steam production and constant steam bath temperature
- Programmable power retention
- Continuous or 1 step temperature control
- 4-line illuminated display
- 4 function keys for easy operation and parameter setting
- 5 LEDs to indicate 18 operating and service messages
- 2 potential free remote signals, one of them freely programmable with 15 options
- Maximum temperature monitoring with safety switch-off
- Stand-by blow-down to prevent standing cylinder water according to VDI (Association of German Engineers) 6022
- Integrated communication protocol Modbus RTU
- Integrated serial interface RS-232 / RS-485 (EIA-232 / EIA-485), optionally deselectable

#### Optional

- Relay circuit board to output 4 control commands / messages from 15 options, e.g. essence pump, light, fan
- Wireless touch remote control for adjustment of temperature, essence and light in front of as well as inside the steam bath

## Specification

### Heater type (resistive) steam generator **HeaterCompact Basic DS**

Connection-ready compact steam generator 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 DS:

- Automatic system test incl. self-diagnosis to check all functions and components
- Uniform steam production and constant steam bath temperature
- Programmable power retention
- Continuous or 1 step temperature control
- 5 LEDs to indicate 18 operating and service messages
- 2 potential free remote signals, one of them freely programmable with 15 options
- Maximum temperature monitoring with safety switch-off
- Stand-by blow-down to prevent standing cylinder water according to VDI (Association of German Engineers) 6022
- Integrated communication protocol Modbus RTU
- Integrated serial interface RS-232 / RS-485 (EIA-232 / EIA-485), optionally deselectable

#### Optional

- Relay circuit board to output 4 control commands / messages from 15 options, e.g. essence pump, light, fan
- Wireless touch remote control for adjustment of temperature, essence and light in front of as well as inside the steam bath

**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 DS / Comfort DS / ComfortPlus DS)

**Accessories**

Steam hose	
DN	..... (25 or 40)
Length	..... m
Condensate hose	
Length	..... m
Drain hose	
Length	..... m