

Specification

Heater type steam generator **HeaterLine ComfortPlus DS**

Connection-ready compact steam generator for fully automated and intrinsically safe production of mineral-free and pure steam. Installation and maintenance-friendly design for wall mounting.

Cabinet and cylinder completely made from corrosion-resistant stainless steel.

With VDE and GS certification, CE, CSA C/US and EAC compliant. Developed and manufactured in Germany.

Can be operated with completely demineralised, partially softened or standard tap water.

Includes as standard

- re-usable stainless steel steam cylinder - cleanable and available for re-use
- high-quality replaceable heating elements
- combined rinsing and scale collection system. During operation with softened or tap water the system rinses scale particles. The amount of scale deposits collected in the filter is clearly reduced. The remaining scale deposits are accumulated in the removable filter and can be removed during maintenance. The system is integrated into the unit therefore the dimensions of the HeaterLine are compact even when using tap water. When using demineralised water maintenance is reduced to a minimum.
- heavy-duty blow-down pump which also drains particles of scale and thereby prolongs cylinder standing times
- connectors, cylinder tension ring and steam hose adapter for quick and easy cylinder removal
- protection against dry-run
- 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 processor 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

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Connection-ready compact steam generator for fully automated and intrinsically safe production of mineral-free and pure steam. Installation and maintenance-friendly design for wall mounting.

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- heavy-duty blow-down pump which also drains particles of scale and thereby prolongs cylinder standing times
- connectors, cylinder tension ring and steam hose adapter for quick and easy cylinder removal
- protection against dry-run
- 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 processor 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 steam generator **HeaterLine Basic DS**

Connection-ready compact steam generator for fully automated and intrinsically safe production of mineral-free and pure steam. Installation and maintenance-friendly design for wall mounting.

Cabinet and cylinder completely made from corrosion-resistant stainless steel.

With VDE and GS certification, CE, CSA C/US and EAC compliant. Developed and manufactured in Germany.

Can be operated with completely demineralised, partially softened or standard tap water.

Includes as standard

- re-usable stainless steel steam cylinder - cleanable and available for re-use
- high-quality replaceable heating elements
- combined rinsing and scale collection system. During operation with softened or tap water the system rinses scale particles. The amount of scale deposits collected in the filter is clearly reduced. The remaining scale deposits are accumulated in the removable filter and can be removed during maintenance. The system is integrated into the unit therefore the dimensions of the HeaterLine are compact even when using tap water. When using demineralised water maintenance is reduced to a minimum.
- heavy-duty blow-down pump which also drains particles of scale and thereby prolongs cylinder standing times
- connectors, cylinder tension ring and steam hose adapter for quick and easy cylinder removal
- protection against dry-run
- 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 processor 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	HeaterLine..... (Basic DS / Comfort DS / ComfortPlus DS)

Accessories

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