

Specification

Heater Type Steam Generator **HeaterSlim SPA**

Compact steam generator ready for connection for fully automatic and intrinsically safe generation of mineral-free, odourless and sterile steam for hygienic and soothing spa applications. Designed for easy installation and maintenance, for wall mounting. Easy to mount with all commercially available rail systems, manufacturer-specific systems are not required. Housing body made of corrosion-resistant stainless steel, lockable cowling and housing powder-coated for optimal handling. With VDE and GS test mark, CE and EAC compliant.

Developed and manufactured in Germany.

For operation with demineralised, softened or tap water.

Standard features:

- reusable, cleanable, insulated steam cylinder made of corrosion-resistant stainless steel – easy to clean and reuse. For ecological and economic reasons no disposable steam cylinders are used.
- high-quality exchangeable incoloy resistance heaters: extremely heat-and corrosion-resistant even with aggressive water qualities
- demand-dependent power control in up to 3 stages for an optimal steam pattern
- heavy-duty blowdown pump to extend service life by pumping off hardness builders
- the units are equipped with certified, discrete and software-independent components and as proof for highest intrinsic safety tested and certified by independent body according to the current product safety law of 17.03.16 based on the Low Voltage Directive (2014/35/EG)
- water level detection without moving parts. Conventional float switches are deliberately omitted to exclude any risk of errors caused by calcified, swollen or leaked floating bodies
- steam hose adapter with clip for quick installation and removal of the cylinder
- easy cylinder disassembling without tools
- optimal safety due to double dry-running protection
- unit components easily accessible from three sides thanks to removable unit cowling
- virtually maintenance-free when operated with demineralised water

Highly efficient control for rapid steam production, optimum energy efficiency and low-maintenance operation. Continuous self-monitoring of the unit functions ensures comprehensive operational safety.

Standard microprocessor control:

- automatic self-test to check all unit components
- multi-stage temperature control via cascaded rolling circuit of several heaters
- connection for essence pump, supply fan, exhaust fan and light
- illuminated control switch for indication of operation and fault
- stand-by blowdown for the safe avoidance of standing cylinder water according to VDI 6022
- individual adjustment of blowdown and service intervals for optimal adaption to various water qualities
- input for steam shot

- connectivity for temperature sensor NTC/PTC
- maximum temperature monitoring with safety switch-off
- integrated communication protocol Modbus RTU

Optional Spa Touch Control:

- capacitive graphic 5" touchscreen
- user-oriented configurable menu
 - functions optionally selectable and deselectable, e.g.
 - choice of essence
 - fan circuit
 - timer circuit
 - eco-function
 - optionally strongly reduced functionality, e.g.
 - steam production only on demand for 15 min.
- display surface with protection level IP 65

Technical data:

Steam output.....kg/h (max.)
Electrical connection...../...../.....V/Phases/(N)
Control voltage.....V
Rated powerkW (max.)
Rated current.....A (max.)
Manufacturer HygroMatik
Type HeaterSlim.....- Spa

Accessories:

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