

# Steam Generators

&  
SPA Accessories

HygroMATIK  
MORE THAN  
**40 YEARS**  
HUMIDIFICATION



**HygroMATIK** SPA

# HygroMatik steam generators

## Different performance classes for all kinds of uses

HygroMatik steam generators produce mineral-free, hygienic steam for the modern application in the spa area. High quality components ensure maximum reliability and a long life span. All units are compact in design and are made of corrosion resistant stainless steel. They are equipped with easily cleanable, environmentally friendly steam cylinders protecting the environment and your budget.



## Wellness steam for relaxation – fast and reliable

HygroMatik has specialised in efficient steam generation for over 40 years. Standby blow-down processes prevent standing cylinder water. These state-of-the-art steam generators are certified by VDE, GS and CE.

Certified quality  
VDE, GS and CE  
UL CSA implementation  
also available



## Innovative controls

HygroMatik steam generators are controlled using advanced microprocessors with a standard prepared MOD-Bus capability. The powerful 16 bit processors ensure optimum energy use and low maintenance operation by constantly adjusting settings to match the available water quality. The controls work with HygroMatik specific temperature sensors and are very easy to use.

The HeaterSlim can alternatively process the PT 1000 temperature sensor signal.

Numerous extras such as modular expandability, remote control and additional connection options offer flexible solutions for all steam bath applications.

# At a glance

	<b>HygroMatik</b> <b>Electrode steam generators</b> 	<b>HygroMatik</b> <b>Heater element steam generators</b> 
<b>Operating principle</b>	Electrical current flows through the electrodes and heats the cylinder water to create non-pressurised, hygienic steam. At the end of their life the electrodes are simply replaced.	Water is heated in a cylinder using an immersion heater to produce non-pressurised hygienic steam.
	Minerals contained in the cylinder water are deposited as scale and are automatically blown down using a powerful pump.	
<b>Water quality</b>	Tap water	Tap, fully demineralised (osmosis) or softened water
<b>Commercial life stress</b>	<b>HyLine</b> <ul style="list-style-type: none"> <li>• 5-45 kg/h steam output*</li> <li>• Large volume, plastic steam cylinder for cleaning and reuse</li> <li>• Robust operating behaviour</li> <li>• Optionally available with SuperFlush**</li> </ul>	<b>HeaterLine</b> <ul style="list-style-type: none"> <li>• 6-45 kg/h steam output*</li> <li>• Large volume, stainless steel steam cylinder for cleaning and reuse</li> <li>• Robust operating behaviour</li> <li>• Comes with SuperFlush** as standard</li> </ul>
	<b>Commercial stress</b>	<b>CompactLine</b> <ul style="list-style-type: none"> <li>• 6-58 kg/h steam output*</li> <li>• Plastic steam cylinder for cleaning and reuse</li> <li>• Compact, space-saving dimensions</li> <li>• Low unfilled weight</li> <li>• Optionally with SuperFlush**</li> <li>• Highly attractive price-performance ratio</li> </ul>
<b>Some commercial stress</b>		<b>C01, C02</b> <ul style="list-style-type: none"> <li>• 1-2 kg/h steam output</li> <li>• Plastic steam cylinder for cleaning and reuse</li> <li>• Small and compact, designed for niches</li> <li>• Fast start behavior</li> </ul>

\* Higher steam output available

\*\* SuperFlush, the cylinder flush system for vastly reduced maintenance

Maintenance free, thanks to water treatment.  
Ask us for an optimal water treatment, so that our devices run virtually maintenance free.



<b>Comfort DS</b>	<b>Touch</b>
Uniform steam production and constant steam bath temperature	
Maximum temperature monitoring with safety switch-off	
Optional connection and control of essence pump, supply and exhaust fans or light	
Programmable power retention	Eco-mode for energy-efficient steam bath use
4 line illuminated display	3.5" TFT colour graphics display with touch panel
4 function keys for easy operation and parameter setting	6 quick-access buttons for easy operation and configuration
5 LEDs for display of operating messages	Operating display features illuminated control switches
Continuous or 1 step temperature control	1 step temperature control
Optional relay PCB for simultaneous connection and control of essence pumps, steam bath feed and exhaust/inlet fans as well as lighting	Optional: External remote control, relay board for the connection of additional features, control output for proportional air regulation and dimmer control

# SPA Accessories






**1.** **Temperature sensor TF104**  
to measure the cabin temperature

**Temperature sensor**

**Vandalism protection**  
in high quality stainless steel design to protect the temperature sensor TF104

**Temperature sensor FTF**  
optional with safety temperature monitor when the maximum temperature is accomplished it shuts off




**2.** **Steam bath nozzle made of stainless steel**  
with plastic protection cowl for protected steam insertion into the cabin

**Steam inlet**

**Fog maker (mixing tube)**  
for mixing steam and fresh air together giving a denser feel, also reduces the steam entry temperature

**Reducing kit**  
DN40 to DN25



**Steam hose**  
DN40 and DN25


**3.** **Duct slide-in fan**  
230 V, optional 24 V for inlet or outlet air via 100 HT mm duct pipe

**Air in / outlet**

**Rotary potentiometer**  
for 24 V for steam bath fan control





**4.** **Remote control\***  
for the comfortable handling in- and outside the cabin

**Control**

**Relay circuit board for the capacity expansion**  
for (inlet / outlet) fans, essence injector, light etc.

**Time relay**  
Steam production via push button – do-it-yourself shutdown

**Clock timer**  
for the setting of usage periods alternatively please seek information of our remote control timer function

\* Only available for HeaterSlim





**5.** **Essence pump**  
in 24V / 230V with or without en suite timer and injection calibration available

**Essence**

**Essence non-return valve**  
for a save essence feed in into the cabin steam without drainage of the inlet pipe

**Exhaust filter for the essence container**  
for the optimal and non-clogging clearance of the essence container

**T-piece from stainless steel**  
for essence feed or condensate discharge

# Technical data

## HyLine

Type		Hy05	Hy08	Hy13	Hy17	Hy23	Hy30	Hy45
Steam output	[kg/h]	5	8	13	17	23	30	45
Electrical supply		400V/3/N 50-60Hz*						
Electrical rating	[kW]	3.8	6	9.8	12.8	17.3	22.5	33.8
Current rating	[A]	5.4	8.7	14.1	18.4	24.9	32.5	48.8
Fuse	[A]	3x6	3x10	3x16	3x20	3x35	3x35	3x63
Control		Basic DS, Comfort DS, Comfort Plus DS						
Control voltage		230 V						
Steam hose connection	[mm]	1x40	1x40	1x40	1x40	1x40	1x40	2x40
Condensate hose connection	[mm]	1x12	1x12	1x12	1x12	1x12	1x12	2x12
Weight (empty)	[kg]	13	13	20	20	22	28	39
Weight (operating)	[kg]	19	19	38	38	40	55	85
Dimensions	Height [mm]	481	481	654	654	654	710	788
	Width [mm]	449	449	520	520	520	560	653
	Depth [mm]	216	216	284	284	284	327	405

## CompactLine

Type		C01	C02	C06	C10	C17	C22	C30	C45	C58	
Steam output	[kg/h]	1	2	6	10	17	22	30	45	58	
Electrical supply		230V/1/N 50-60Hz*			400V/3/N 50-60Hz*						
Electrical rating	[kW]	0.75	1.5	4.5	7.5	12.8	16.5	22.5	33.8	43.5	
Current rating	[A]	3.3	6.5	6.5	10.8	18.4	23.8	32.5	48.8	62.8	
Fuse	[A]	1x6	1x10	3x10	3x16	3x20	3x35	3x35	3x63	3x63	
Control		Basic DS, Comfort DS			Basic DS, Comfort DS, Comfort Plus DS						
Control voltage		230 V									
Steam hose connection	[mm]	1x25	1x25	1x25	1x40	1x40	1x40	1x40	1x40**	2x40	
Condensate hose connection	[mm]	1x9	1x9	1x9	1x12	1x12	1x12	1x12	1x12	2x12	
Weight (empty)	[kg]	8.5	10	10	12	19	19	20	22	31	
Weight (operating)	[kg]	9.8	12.6	13	18	37	37	38	49	77	
Dimensions	Height [mm]	370	350	438	480	653	653	653	707	790	
	Width [mm]	347	384	401	414	480	480	480	527	615	
	Depth [mm]	171	221	187	217	283	283	283	325	392	

## HeaterLine

Type		HL06	HL09	HL12	HL18	HL24	HL27	HL30	HL36	HL45
Steam output	[kg/h]	6	9	12	18	24	27	30	36	45
Electrical supply		400V/3/N 50-60Hz*								
Electrical rating	[kW]	4.5	6.8	9.0	13.5	18.0	20.3	22.5	27.0	33.75
Current rating	[A]	11.3	16.9	19.5	29.3	39.0	29.3	39.0	58.5	58.5
Fuse	[A]	3x16	3x20	3x25	3x35	3x50	3x35	3x50	3x63	3x63
Control		Basic DS, Comfort DS, Comfort Plus DS								
Number of heaters		1	1	2	2	4	3	5	4	5
Steam hose connection	[mm]	1x40	1x40	1x40	1x40	1x40	1x40	1x40	2x40	2x40
Condensate hose connection	[mm]	1x12	1x12	1x12	1x12	1x12	1x12	1x12	2x12	2x12
Weight (empty)	[kg]	35	35	36	36	38	37	46	45	46
Weight (operating)	[kg]	48	48	49	49	51	50	72	71	72
Dimensions	Height [mm]	865	865	865	865	865	865	900	900	900
	Width [mm]	645	645	645	645	645	645	685	685	685
	Depth [mm]	335	335	335	335	335	335	395	395	395

## HeaterCompact

Type		HC03	HC06	HC06	HC09	HC06P	HC09P	HC12	HC18	HC27	
Steam output	[kg/h]	3	6	6	9	6	9	12	18	27	
Electrical supply		230V/1/N			400V/3/N 50-60Hz*						
Electrical rating	[kW]	2.25	4.5	4.5	6.8	4.5	6.8	9.0	13.5	20.3	
Current rating	[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	
Control		Basic DS, Comfort DS, Comfort Plus DS									
Number of heaters		1	1	1	1	1	1	2	2	3	
Steam hose connection	[mm]						1x40				
Condensate hose connection	[mm]						1x12				
Weight (empty)	[kg]	16	16	16	16	25	25	26	26	27	
Weight (operating)	[kg]	18	18	18	18	43	43	44	44	45	
Dimensions	Height [mm]				562			695			
	Width [mm]				427			490			
	Depth [mm]				257			306			

## HeaterSlim

Type		HS03			HS06			HS10			
Steam output	[kg/h]	3			6.6			10			
Electrical supply*		230V/1/N		400V/3/N 50-60Hz		230V/1/N		400V/3/N 50-60Hz		230V/1/N	400V/3/N 50-60Hz
Electrical rating	[kW]	2.5		2.5		5		5		7.5	7.5
Current rating	[A]**	10.9		10.9		21.7		10.9		32.6	10.9
Fuse	[A]	1x16		1x16		1x25		2x16		1x35	3x16
Control		Basic, Touch, Touch Remote									
Number of cylinders		1									
Number of heaters		1			2			3			
Condensate hose connection	[mm]						1x40				
Weight (empty)	[kg]	16									
Weight (operating)	[kg]	18									
Dimensions	Height [mm]	368									
	Width [mm]	575									
	Depth [mm]	155									

Water supply (for all units) Fully Demineralized Water / Cleaned Condensate: 1 to 10 bar, 13mm Hose  
Partially Softened Water / Tap Water (different qualities): 1 to 10 bar, for 3/4" external thread

\* Other voltages upon request.

\*\* Current load of phases is not uniform.

Subject to technical changes.

# Service and contact



## Our service to you

- HygroMatik service partners throughout Germany, Austria, Switzerland, UK and Scandinavia
- HygroMatik distributors in more than 35 countries
- Technical hotline: +49 4193 895-293
- Personal on-site assistance
- 24-hour spare parts service
- Extended availability of spare parts
- Made in Germany: Higher standard of quality through development and manufacture in Germany

## At [www.hygromatik.com](http://www.hygromatik.com) you will also find

- Manuals
- Maintenance videos
- Planning tools
- Specifications
- Information about individual models
- Latest news

Dealer stamp

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