SPA Accessories

Temperature sensor

1. Temperature sensor TF104
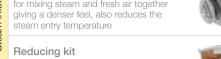to measure the cabin temperature

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

Steam inlet

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

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

Air in / outlet

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

Rotary potentiometer
for 24 V
for steam bath fan control

Control

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

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

* available for all devices from mid-2013

Essence

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

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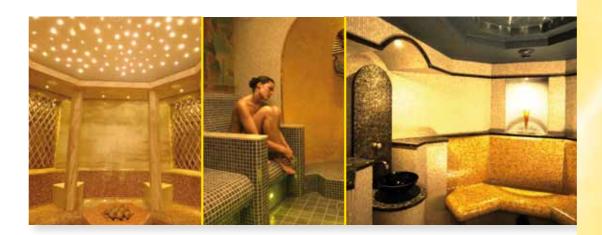cabin steam without drainage of the
inlet pipe

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

Product samples, further variants on request. Subject to technical amendments without notice.

09/2012

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 you will also find

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

Dealer stamp

HYGROMATIK SPA

HygroMatik GmbH   T +49 4193 895-0
Lise-Meitner-Str. 3   F +49 4193 895-33
24558 Henstedt-Ulzburg   hy@hygromatik.de
Germany   www.hygromatik.com

A member of the   **spirax / sarco**   group

Steam Generators

&
SPA Accessories

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.

HyLine

CompactLine

HeaterSlim

HeaterLine

HeaterCompact

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

	HygroMatik Electrode steam generators	HygroMatik Heater element steam generators
Operating principle	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.	
Water quality	Tap water	Tap, fully demineralised (osmosis) or softened water

Commercial life stress	**HyLine**	**HeaterLine**
	• 5-45 kg/h steam output*	• 6-45 kg/h steam output*
	• Large volume, plastic steam cylinder for cleaning and reuse	• Large volume, stainless steel steam cylinder for cleaning and reuse
	• Robust operating behaviour	• Robust operating behaviour
	• Optionally available with SuperFlush**	• Comes with SuperFlush** as standard

Commercial stress	**CompactLine**	**HeaterCompact**
	• 6-58 kg/h steam output*	• 3-27 kg/h steam output*
	• Plastic steam cylinder for cleaning and reuse	• Plastic steam cylinder for cleaning and reuse, energy-efficient thanks to low heat radiation
	• Compact, space-saving dimensions	• Compact, space-saving dimensions
	• Low unfilled weight	• Low unfilled weight
	• Optionally with SuperFlush**	• Comes with SuperFlush** as standard
	• Highly attractive price-performance ratio	• Highly attractive price-performance ratio

Some commercial stress	**C01, C02**	**HeaterSlim**
	• 1-2 kg/h steam output	• 3-10 kg/h steam output
	• Plastic steam cylinder for cleaning and reuse	• Energy efficient insulated stainless steel cylinder for easy cleaning and reuse
	• Small and compact, designed for niches	• Slender design, created for niches usage
	• Fast start behavior	• Touch operation directly at the unit or external

* 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.

Comfort DS	**Touch**
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
	Timer function for steam, essence and eco-mode
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

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	414	480	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 Demineralised 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.