

HygroMatik Humidifiers

StandardLine Electrode SLE 2-65 kg/h

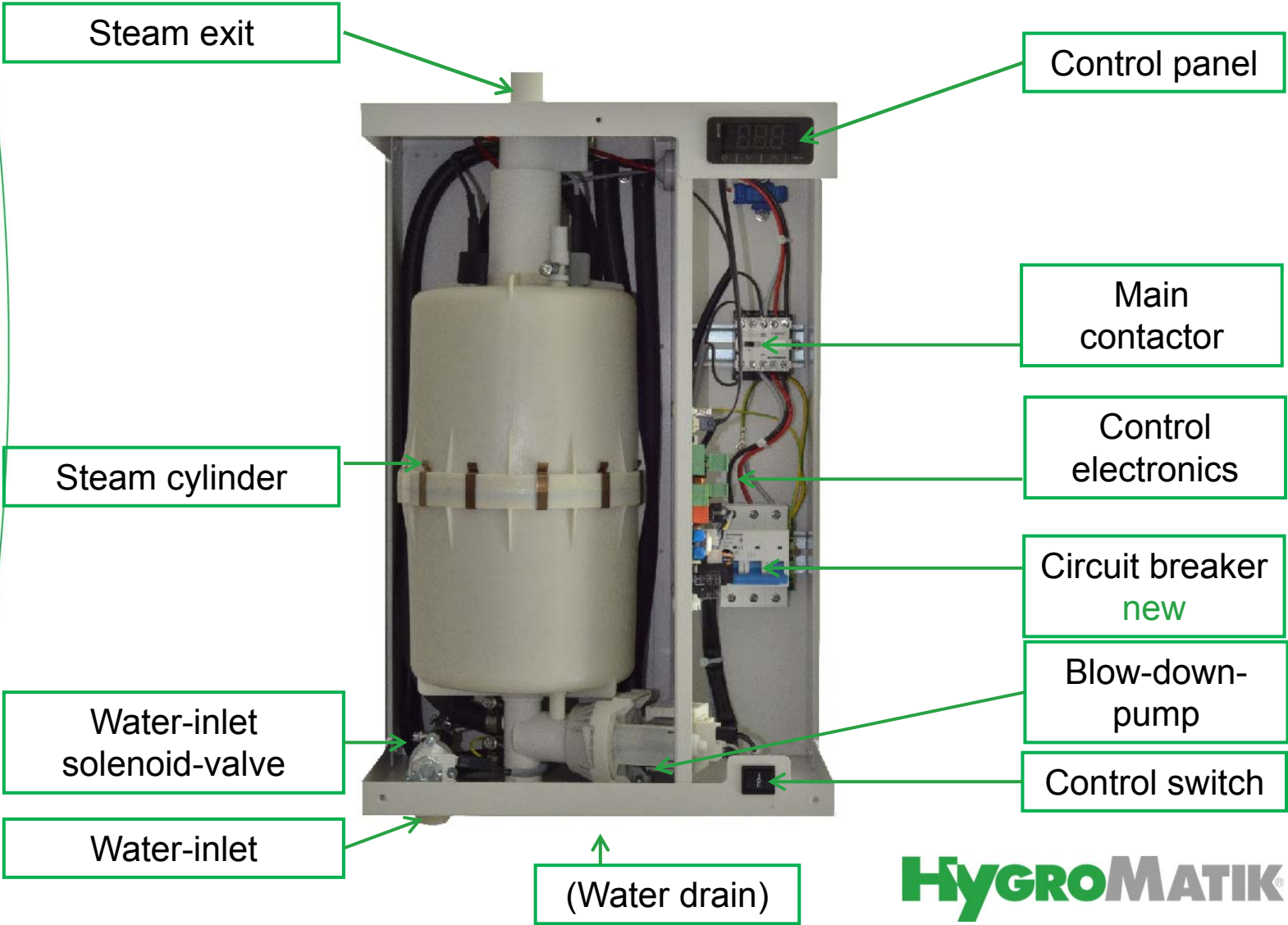
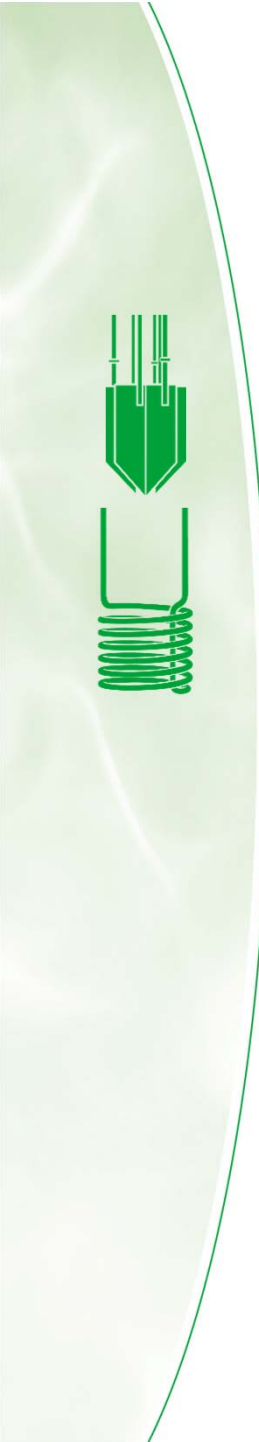
StandardLine Heater SLH 3-50 kg/h



- ❖ Reliable
- ❖ Affordable
- ❖ Cleanable Cylinder, replaceable stainless steel Electrodes, robust drain pump
- ❖ Fast availability
- ❖ Easy and quick installation
- ❖ Recognized quality

HYGROMATIK

HygroMatik StandardLine



StandardLine Electrode SLE 2-65 kg/h Heater SLH 3-50 kg/h



- Automatic system test incl. self-diagnosis checking all functions and device components
- Continuous or 1-step control selectable
- Integrated PI controller
- Display with 4 function keys
- 10 symbols for displaying operating and service messages
- 2 potential-free remote signals, one of them freely programmable from 15 options
- Stand-by blow-down to prevent stationary cylinder water according to VDI 6022
- Dead leg flushing to prevent stationary tank water
- self-adaption to the respective water quality
- Integrated Modbus RTU communication protocol (galvanically insulated serial interface RS-485, EIA-485 on request)
- Switch between the operating modes "energy-optimised", "load-optimised" and separate inputs for voltage, current and resistance signals
- Analogue output 0-10 V for simultaneous use of several devices.

Control

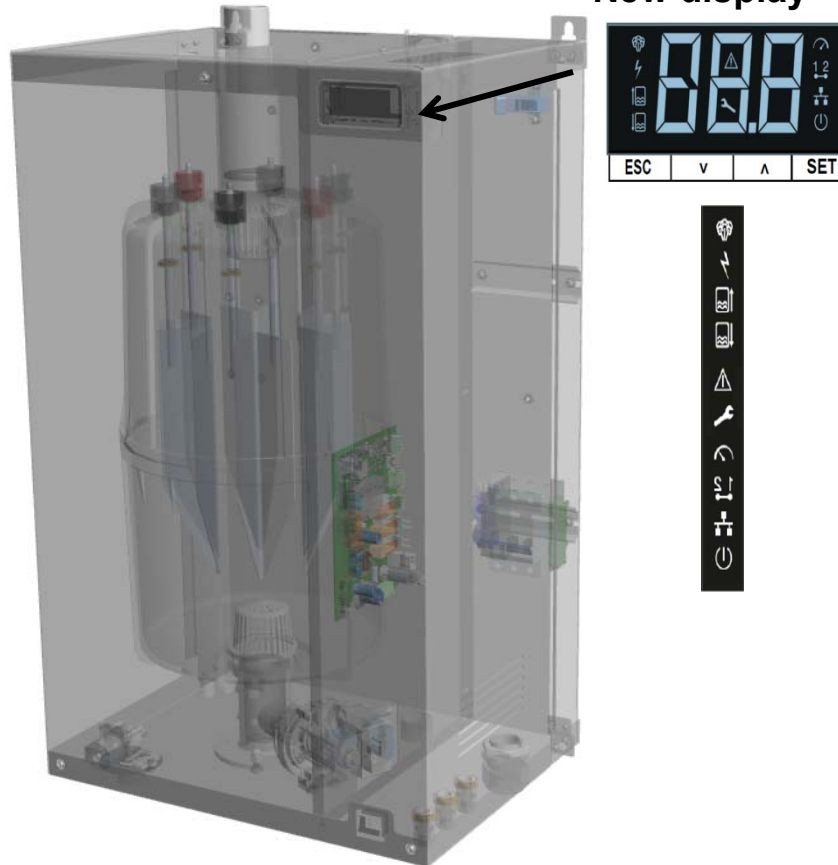


Control switch

- „Pos. I“ : The unit is switched on
- „Pos. „II“ : Cylinder water is drained

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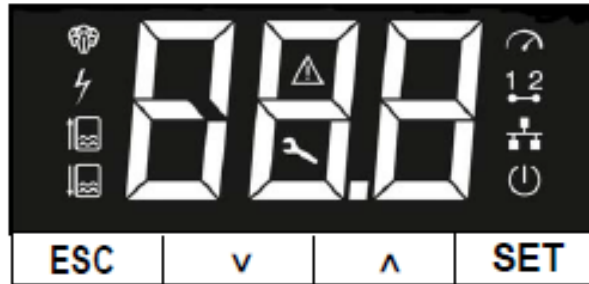
New display













- 3-digit display
- 4 touch keys
- ❖ ON / OFF control
- ❖ Proportional control with external signal
- ❖ Integrated PI controller, direct connection of humidity sensor
- ❖ Modbus RTU

Control Panel

Control Panel



	permanently lit	flashing
	Steam production active	Fault steam production
	Main contactor active	Fault main contactor
	Filling active	Fault filling
	Blow-down active	Fault blow-down
	State not possible	Error s. error codes
	Maintenance required	State not possible
	Demand	Fault control signal
	Safety interlock closed	State not possible
	Virtual safety interlock closed by software enabling	State not possible
	Control active	Control self test after cold start

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Larger capacities possible



Model	SLE02	SLE05	SLE10	SLE20	SLE30	SLE45	SLE65
Steam Output [kg/h]	1.9-2.1	4.8 - 5.2	9.5 - 10.4	19.0 - 20.7	28.5 - 31.2	42.7 - 46.8	62.0 - 67.5
Rated Voltage(1)	220-240/1/50-	380 - 415/3/50 - 60					
Rated Power Input [kW]	1.4-1.6	3.6 - 3.9	7.1 - 7.8	14.3 - 15.5	21.4 - 23.4	32 - 35.1	46.3 - 50.6
Rated Current [A]	6,5	5,4	10,8	21,7	32,5	48,8	70,4
Circuit Protection [A](2)	1x10	3 x 10	3 x 16	3 x 25	3 x 35	3 x 63	3 x 80
Control Circuit	220 - 240						
Fuse Size Control	1,6						
Steam Hose	1 x 25			1 x 40		2 x 40	
Empty Weight [kg]	9,0	12,0		20,0		41,0	
Operational Weight	12,0	17		34		77	
Dimensions(3)							
Height [mm]	400	570		730		820	
Width [mm]	350	350		425		590	
Depth [mm]	245	245		320		415	
Water Installation	Water/Tap water (different qualities)						

(1) Other voltages upon request.

(2) Multiply power input by 1.1 after full blow-down. Consider overload capacity of automatic breakers. If necessary,

HygroMatik StandardLine Heater SLH 3-50 kg/h

Larger capacities possible

Model	SLH03	SLH06	SLH09	SLH15	SLH25	SLH40	SLH50
Steam Output [kg/h]	2.7 - 3.3	5.5 - 6.5	8.1 - 9.7	13.7 - 16.4	22.7 - 27.1	36.5 - 43.5	45.5 - 54.3
Rated Voltage(1) [V/Ph/Hz]	220-240/1-N/50-60	380-416/3/50-60					
Rated Power Input [kW]	2.1 - 2.5	4.1 - 4.9	6.1 - 7.3	10.3 - 12.3	17.1 - 20.4	27.4 - 32.6	34.1 - 40.7
Rated Current [A]	9.4 - 10.2	10.7 - 11.7	16 - 17.5	15.7 - 17.1	25.9 - 28.3	41.6 - 45.4	51.9 - 56.7
Circuit Protection [A]	1 x 16	3 x 16	3 x 20	3 x 20	3 x 35	3 x 50	3 x 63
Control Circuit Separate [V]	220-240/1- N/50-60Hz						
Fuse Size Control Circuit [A]	1,6						
Number of Steam Cylinders	1						
Steam Hose Connection	1 x 25			1 x 40		2 x 40	
Condensate Hose	1 x 12					2 x 12	
Empty Weight [kg]	14	14	14	23	23	45	45
Operational Weight [kg]	20	20	20	40	40	82	82
Dimensions(2)							
Height [mm]	570			730		820	
Width [mm]	350			425		590	
Depth [mm]	245			320		415	
Water Installation	Fully desalinated water / cleaned condensate: 1-10 bar, 13mm hose						
(1) Other voltages on request							
(2) Outer dimensions of width and depth. Height incl. drain connection							

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