HygroMatik®

member of CAREL group

Climate and process humidification

Electrode and heater type steam humidifiers

StandardLine

for industrial, commercial, educational,
and recreational facilities

HygroMatik since 1970 — More than 55 years — Quality and Innovation





The economical, low-cost solution at the highest standard

STANDARDLINE
STEAM HUMIDIFIER





RELIABLE STEAM GENERATION
ONE HUMIDIFIER – TWO VARIANTS

The **StandardLine from HygroMatik** is the solution for reliable steam humidification at a particularly attractive price/performance ratio. The StandardLine impresses with its solid build quality, well-thought-out design and ease of maintenance. Depending on the water quality, you can choose between the **electrode and heater element** variants for steam generation.

Full-surface electrodes

Electrode steam humidifiers are the ideal solution if you need simple, reliable steam humidification. Due to the high material quantity, the solid full-surface electrodes from HygroMatik are particularly durable and ideally suited for tap water. The electrodes need to be replaced less often, which keeps the maintenance costs low.

Heater elements

Steam cylinders with resistance type heater elements are suitable for many water qualities, especially for treated water. They offer extremely high control accuracy and guarantee virtually uninterrupted and low-maintenance operation, especially for treated water.

100%

The benefits at a glance

- Proven quality in product and service
- Reliable and cost effective
- Compact and space-saving
- Auto-adaptive water management
- Quick and simple installation
- Intuitive and user-friendly operation
- Highly easy to maintain

Intelligent device design with obvious strengths

SUSTAINABLE, COMFORTABLE AND LOW-MAINTENANCE





REUSABLE AND EASY TO CLEAN
SPLIT STEAM CYLINDER

In all of its products HygroMatik places top priority on finding sustainable solutions that have as little impact as possible on humans and the environment. This is why we never use disposable cylinders, but only **reusable and cleanable steam cylinders.**



MINIMAL MAINTENANCE REQUIRED
HEAVY-DUTY BLOWDOWN PUMP

The heavy-duty blowdown pump supports the combined rinsing and scale collection system by draining the scale deposits. The deposits are discharged before accumulating in the first place. **This reduces the quantity of scale in the filter and lengthens servicing intervals.**

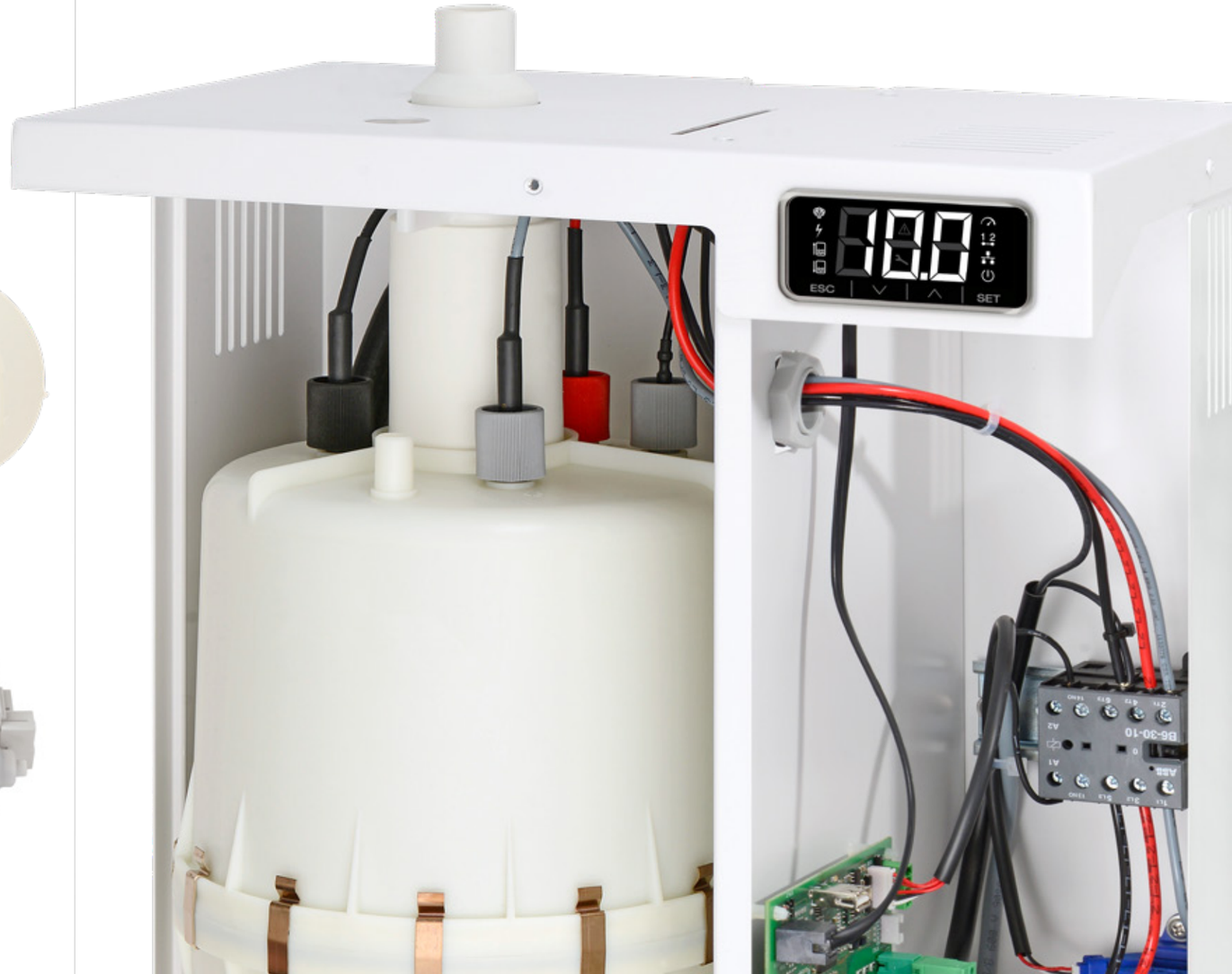


Optional: External 3,5”
Touch Control Remote Display



MAXIMUM EASE OF USE
WELL-STRUCTURED LED DISPLAY

With the clear LED display of the StandardLine series you always have **important humidifier and process data at hand.** The simple display icons immediately show the status of the steam humidifier. The operating buttons ensure quick, intuitive navigation through the clear and easy to understand menu. As an option, the StandardLine can be expanded with an external 3.5” Touch Control Remote Display (TCRD).



Technical data for **StandardLine (electrodes)**

A higher humidification performance is possible by connecting units together.									
Type	**SLE02**	**SLE05**		**SLE10**	**SLE15**	**SLE20**	**SLE30**	**SLE45**	**SLE65**
Steam output [kg/h]	1.9 - 2.1	4.4 - 4.8	4.7 - 5.2	9.5 - 10.4	14.2 - 15.5	19.0 - 20.8	28.5 - 31.1	42.7 - 46.7	61.8 - 67.5
Electrical connection (1)	220-240V / 1Ph / N / 50-60 Hz		380-415V / 3Ph / 50-60Hz						
Rated power [kW]	1.4 - 1.6	3.3 - 3.6	3.6 - 3.9	7.1 - 7.8	10.7 - 11.6	14.3 - 15.6	21.4 - 23.4	32.1 - 35.0	46.3 - 50.6
Nominal current [A]	6.5	15.0	5.4	10.8	16.2	21.7	32.5	48.7	70.4
Fuse [A] (2)	1 x 10	1 x 16	3 x 10	3 x 16	3 x 20	3 x 32	3 x 40	3 x 63	3 x 80
Separate control voltage (3)	220 - 240V 1,6A (internal control voltage optionally at extra charge)				220 - 240V 1,6A (internal control voltage optionally at extra charge)				
Steam hose connection [mm]	1 x 25				1 x 25	1 x 40		2 x 40	
Max. filling capacity [l]	3	5			13			36	
Empty weight [kg]	9	12			20			39	41
Operation weight [kg]	13	17			34			75	77
Dimensions WxHxD [mm] (9)	350 x 375 x 245	350 x 535 x 245			425 x 695 x 320			590 x 790 x 415	
Water connection	Tap water of different qualities, 1 to 10 bar, for 3/4” external thread				Tap water of different qualities, 1 to 10 bar, for 3/4” external thread				
Drain water connection	Connecting Ø 1 1/4”				Connecting Ø 1 1/4”				

Technical data for **StandardLine (heater elements)**

A higher humidification performance is possible by connecting units together.								
Type	**SLH03**	**SLH06**		**SLH09**	**SLH15**	**SLH25**	**SLH40**	**SLH50**
Steam output [kg/h]	2.7 - 3.3	5.5 - 6.5	5.4 - 6.5	8.1 - 9.7	13.7 - 16.4	22.7 - 27.1	36.5 - 43.5	45.5 - 54.3
Electrical connection (1)	220-240V / 1Ph / N / 50-60 Hz		380-415V / 3Ph / 50-60 Hz					
Rated power [kW]	2.1 - 2.4	4.1 - 4.9	4.1 - 4.8	6.1 - 7.3	10.3 - 12.3	17.1 - 20.3	27.3 - 32.6	34.1 - 40.7
Nominal current [A]	9.4 - 10.2	18.7 - 20.4	10.7 - 11.7	16.0 - 17.5	15.6 - 17.1	25.9 - 28.3	41.5 - 45.4	51.8 - 56.6
Fuse [A]	1 x 16	1 x 25	3 x 16		3 x 20	3 x 32	3 x 50	3 x 63
Separate control voltage (3)	220 - 240V 1,6A				220 - 240V 1,6A			
Steam hose connection [mm]	1 x 25				1 x 25	1 x 40	2 x 40	
Max. filling capacity [l]	5				14		36	
Empty weight [kg]	14				23		41	44
Operation weight [kg]	19				38		78	81
Dimensions WxHxD [mm] (9)	350 x 535 x 245				425 x 695 x 320		590 x 790 x 415	
Water connection	Demineralised water / cleaned condensate / partially softened water / tap water (different qualities), 1 to 10 bar, for 3/4” external thread				Demineralised water / cleaned condensate / partially softened water / tap water (different qualities), 1 to 10 bar, for 3/4” external thread			
Drain water connection	Connecting Ø 1 1/4”							

Subject to technical changes.

(1) Other voltages upon request.

(2) 1.1-fold the power consumption after full blowdown. Pay attention to the automatic triggering of the circuit breakers. If required, select the next highest circuit breaker level.

(3) Internal control voltage on request.

(9) Outer width and depth dimensions. Height including drain connection.



Our service for 100% customer satisfaction

- Long availability of replacement parts
- Technical hotline +49 4193 895-293
  or hotline@hygromatik.com
- HygroMatik distributes in more than 45 countries
- Operating manuals, planning data and information
  on workshop events available online at
  www.hygromatik.com

HygroMatik®
member of CAREL group CAREL

HygroMatik GmbH
Lise-Meitner-Str. 3
24558 Henstedt-Ulzburg
Germany

T +49 4193 895-0
hy@hygromatik.de
www.hygromatik.com

100%

Follow us on LinkedIn®

10/2026