HYGROMATIK®

member of CAREL group CAREL

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.

Electrical supply [1]	Type	SLE02	SLE05	SLE10	SLE15	SLE20	SLE30	SLE45	SLE65
208-240 VAC / 1 / N / 50-60Hz	Steam output [kg/h]	1.8-2.1	4.2-4.8		7.8-9.0				
	Steam output [lbs/h]	4.0-4.6	9.3-10.6		17.2-19.8				
	Rated power [kW]	1.4-1.6	3.1-3.6		5.9-6.8				
	Rated current [A] [2]	6.5	15		28.2				
208-240 VAC / 3 / 50-60Hz	Steam output [kg/h]		4.5-5.2	7.2-8.3	13.5-15.6		27.1-31.3	38.4-44.3	
	Steam output [lbs/h]		9.9-11.4	15.9-18.3	29.7-34.3		59.6-69.0	84.5-97.5	
	Rated power [kW]		3.4-3.9	5.4-6.2	5.9-6.8		20.4-23.4	28.8-33.1	
	Rated current [A] [2]		9.4	15	28.2		56.5	80	
440-480 VAC / 3 / 50-60Hz	Steam output [kg/h]		4.8-5.2	9.6-10.4	14.3-15.6	19.1-20.8	28.5-31.2	43.0-47.0	62.0-67.5
	Steam output [lbs/h]		10.6-11.5	21.2-23.0	31.5-34.3	42.1-45.9	63.0-68.6	94.6-103.4	136.4-149.5
	Rated power [kW]		3.6-3.9	7.2-7.8	10.7-11.7	14.3-15.6	21.4-23.4	32.2-35.1	46.5-50.8
	Rated current [A] [2]		4.7	9.4	14.1	18.8	28.1	42.4	61.0

Number of cylinders	1			
Control type	LED display			
Internal control voltage	208-240V / 1 / N / 50-60Hz			
Steam hose connection [mm]	1 x DN 25 ID		1 x DN 40 ID	2 x DN 40 ID
Steam hose connection [in]	1 x 1 ID		1 x 1.6 ID	2 x 1.6 ID
Dimensions [9]				
Height [mm/in]	375/14.8	535/21.1	695/27.4	790/31.1
Width [mm/in]	350/13.8	350/13.8	425/16.7	590/23.2
Depth [mm/in]	245/9.6	245/9.6	320/12.6	415/16.3
Water installation	Tap water of varying qualities 1 to 10 bar / 14.5 - 145 PSI, with 3/4“ connection			

Subject to technical changes.

[1] Other voltages upon request.

[2] 1.1-fold power consumption after full blowdown.
Observe actuation characteristics of automatic circuit-breakers.
If necessary, select the next higher circuit-breaker level.

[9] Outer width and depth dimensions. Height including outlet connection.

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

A higher humidification performance is possible by connecting units together.

Electrical supply [1]	Type	SLH03	SLH06	SLH09	SLH015	SLH25	SLH40	SLH50
208-240 VAC / 1 / N / 50-60Hz	Steam output [kg/h]	2.5-3.3	4.9-6.5					
	Steam output [lbs/h]	5.5-7.3	10.8-14.3					
	Rated power [kW]	1.8-2.4	3.7-4.9					
	Rated current [A]	8.8-10.2	17.7-20.4					
208-240 VAC / 3 / 50-60Hz	Steam output [kg/h]	2.5-3.3	4.9-6.5		12.4-16.6			
	Steam output [lbs/h]	5.5-7.3	10.8-14.3		27.3-36.6			
	Rated power [kW]	1.8-2.4	3.7-4.9		9.3-12.4			
	Rated current [A]	8.8-10.2	17.7-20.4		25.9-29.9			
440-480 VAC / 3 / 50-60Hz	Steam output [kg/h]		5.5-6.5	8.2-9.8	13.9-16.6	23.0-27.4	37.0-44.0	43.7-52.0
	Steam output [lbs/h]		12.1-14.3	18.1-21.6	30.6-36.6	50.9-60.4	81.6-97.0	96.3-114.6
	Rated power [kW]		4.1-4.9	6.2-7.3	10.4-12.4	17.3-20.6	27.7-33.0	32.8-39.0
	Rated current [A]		9.4-10.2	14.0-15.3	13.7-14.9	22.7-24.8	36.4-39.7	43.0-46.9

Number of cylinders	1		
Control type	LED display		
Internal control voltage	208-240V / 1 / N / 50-60Hz		
Steam hose connection [mm]	1 x DN 25 ID	1 x DN 40 ID	2 x DN 40 ID
Steam hose connection [in]	1 x 1 ID	1 x 1.6 ID	2 x 1.6 ID
Dimensions [9]			
Height [mm/in]	535/21.1	695/27.4	790/31.1
Width [mm/in]	350/13.8	425/16.7	590/23.2
Depth [mm/in]	245/9.6	320/12.6	415/16.3
Water installation	Demineralized water / cleaned condensate: 1-10 bar / 14.5-145 PSI, with 3/4“connection Partially softened water / tap water of varying qualities: 1-10 bar / 14.5-145 PSI, for 3/4” external thread		

Subject to technical changes.

[1] Other voltages upon request.

[9] Outer width and depth dimensions. Height including outlet connection.



Our service for 100% customer satisfaction

- Simple ordering process and short delivery times
- 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 895-231
hy@hygromatik.de
www.hygromatik.com

HygroMatik USA
PO Box 10084
Lancaster, PA 17605
USA
T 717 299 5679
hy@hygromatik.com
www.hygromatik.com

100%

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