



HygroMATIK®

member of CAREL group

CAREL

StandardLine

Steam humidifier



The economical,
high-quality solution

- Reliable and cost-effective
- Quick and simple installation
- Compact and easy to maintain
- All operational data at a glance
- Proven HygroMatik quality



Humidification for best conditions

for industry, manufacturing processes, public buildings and offices

The economical, low-cost solution at the highest standard

The StandardLine from HygroMatik is the solution for reliable steam humidification at a particularly attractive price/performance ratio. A steam humidifier of solid workmanship, well thought-out and easy to maintain. The economically inexpensive solution at the highest standard.



Best by design

- Reliable steam humidification at a reasonable price
- Compact and space-saving
- Very easy to maintain
- Cabinet basin made of corrosion-resistant stainless steel
- Auto-adaptive water management
- Hygienic humidification with mineral-free steam



StandardLine
Electrodes

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.

Well served – All necessary information at a glance

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.



Reusable, cleanable 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.



One humidifier - two variants

The StandardLine can be used as an electrode or heater element steam humidifier.



Full-surface electrodes



Electrode steam humidifiers are the ideal solution if you need simple, reliable steam humidification. Because of solid stainless steel, the full-surface electrodes from HygroMatik are especially durable and have no problems with tap water. The electrodes have to be replaced less often. This keeps 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.



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	Fully 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

- 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

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