

HygroMATIK®

member of CAREL group

CAREL

StandardLine

Steam humidifier



- Reliable and cost effective
- Quick and simple installation
- Easy maintenance
- Proven HygroMatik quality
- All operational data at a glance



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 from corrosion-resistant stainless steel
- Auto-adaptive water management
- Hygienic humidification with mineral-free steam



Image:
StandardLine
electrode

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 supplied 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. 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.





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	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	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	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 20	3 x 32	3 x 40	3 x 63	3 x 80	
Separate control voltage ⁽⁴⁾	220 - 240V 1,6A (internal control voltage optionally at extra charge)								
Steam hose connection [mm]	1 x 25			1 x 40			2 x 40		
Max. filling capacity [l]	3	5	13						36
Empty weight [kg]	9	12	20						41
Operation weight [kg]	13	17	34						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								
Drain water connection	Connecting Ø 1 1/4"								

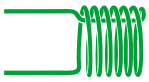
Subject to technical changes.

⁽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.

⁽⁴⁾ Internal control voltage on request.

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



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	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						
Rated power [kW]	2.1 - 2.4	4.1 - 4.9	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	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 20	3 x 20	3 x 32	3 x 50	3 x 63
Separate control voltage ⁽⁴⁾	220 - 240V 1,6A						
Steam hose connection [mm]	1 x 25			1 x 40		2 x 40	
Max. filling capacity [l]	5						
Empty weight [kg]	14						
Operation weight [kg]	19						
Dimensions WxHxD [mm] ⁽⁹⁾	350 x 535 x 245						
Water connection	Fully 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.

⁽⁴⁾ 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

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