

HygroMATIK[®]
WE HUMIDIFY THE AIR

StandardLine

Steam humidifier



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

HygroMATIK
MORE THAN
45 YEARS
HUMIDIFICATION



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.

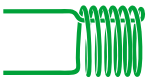
Type	SLE02	SLE05	SLE10	SLE15	SLE20	SLE30	SLE45	SLE65
Steam output [kg/h]	1.9 - 2.1	4.4 - 4.8	9.5 - 10.4	14.3 - 15.6	19.0 - 20.7	28.5 - 31.2	42.7 - 46.8	62.0 - 67.5
Electrical connection	220-240V / 1 / N / 50-60 Hz 380-415V / 3 / 50-60Hz ⁽¹⁾							
Electrical power [kW]	1.4 - 1.6	3.3 - 3.6	7.1 - 7.8	10.7 - 11.7	14.3 - 15.5	21.4 - 23.4	32.0 - 35.1	46.3 - 50.6
Rated current [A]	6.5	15.0	10.8	16.3	21.7	32.5	48.8	70.4
Fuse [A] ⁽²⁾	1 x 10	1 x 16	3 x 16	3 x 20	3 x 35	3 x 40	3 x 63	3 x 80
Number of cylinders	1							
Control	StandardLine							
Control voltage [V]	220 - 240 separate (internal control voltage optionally at extra charge)							
Steam hose connection [mm]	1 x 25		1 x 40		2 x 40			
Condensate hose connection [mm]	1 x 9		1 x 12		2 x 12			
Weight (empty) [kg]	9		12		20		39	
Weight (operating) [kg]	12		17		34		75	
Dimensions WxHxD [mm] ⁽³⁾	350 x 375 x 245		350 x 535 x 245		425 x 695 x 320		590 x 790 x 415	
Water supply	Tap water of different qualities 1 to 10 bar (100 x 10 ³ to 1000 x 10 ³ Pa), for 3/4" external thread							
Waste water connection	Connecting piece 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⁾ 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	8.2 - 9.8	13.7 - 16.4	22.7 - 27.1	36.5 - 43.5	45.5 - 54.3
Electrical connection	220-240V / 1 / N / 50-60 Hz						
Electrical power [kW]	2.1 - 2.4	4.1 - 4.9	6.2 - 7.3	10.3 - 12.3	17.1 - 20.3	27.3 - 32.6	34.1 - 40.7
Rated 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] ⁽²⁾	1 x 16	1 x 25	3 x 16	3 x 20	3 x 32	3 x 50	3 x 63
Number of cylinders	1						
Control	StandardLine						
Control voltage [V]	220 - 240 separate (internal control voltage optionally at extra charge)						
Steam hose connection [mm]	1 x 25						2 x 40
Condensate hose connection [mm]			1 x 12		2 x 12		
Weight (empty) [kg]	14				23		
Weight (operating) [kg]	19				38		
Dimensions WxHxD [mm] ⁽³⁾	350 x 535 x 245				425 x 695 x 320		
Water supply	Fully demineralised water / cleaned condensate / partially softened water tap water (different qualities) 1 to 10 bar (100 x 10 ³ to 1000 x 10 ³ Pa), 13 mm hose						
Waste water connection	Connecting piece 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) Outer width and depth dimensions. Height including drain connection.



Our service for 100% customer satisfaction

- Long availability of replacement parts
- HygroMatik distributes in more than 45 countries
- Operating manuals, planning data and information on workshop events available online at www.airtrend.rs

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