

HygroMATIK[®]
WE HUMIDIFY THE AIR

StandardLine

Steam humidifier



The economical,
high-quality solution

- Reliable and cost effective
- Quick and simple installation
- For immediate delivery
- All operational data at a glance
- Proven HygroMatik quality

HygroMATIK
MORE THAN
45 YEARS
HUMIDIFICATION



Humidification for best conditions

for industry, manufacturing processes, public buildings and offices

The economical, high-quality solution

Do you need a reliable steam humidifier – one that is an especially good value for the money?

Then the StandardLine from HygroMatik is just what you have been looking for: a well-designed, quality steam humidifier that is easy to maintain – and with short delivery times.



All in the green zone

- 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



Picture shows
StandardLine
(electrodes)

Heavy-duty blow-down pump



The heavy-duty blow-down 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.

Total control – All necessary information at a glance

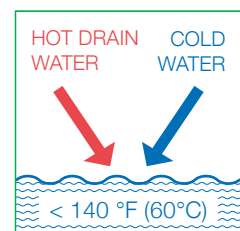
With the clear LED display of the StandardLine series you always have important humidifier and process data at hand. The simple display icons immediately show the status of the steam humidifier. The operating buttons ensure quick, intuitive navigation through the clear, easy to understand menu.



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.



HyCool, integrated waste water cooling

One Humidifier – two variations

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



Full-surface electrode



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 do not have to be replaced so 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 ensure an extremely high degree of control precision and guarantee operation with virtually no disruptions or need for maintenance.



Technical data for StandardLine (electrodes)

A higher humidification performance is possible by connecting units together.

Electrical supply *	Type	SLE02	SLE05	SLE10	SLE20	SLE30	SLE45	SLE65
208-240 VAC / 1 / N / 50-60Hz	Steam output [kg/h]	1.8-2.1	4.2-4.8		8.3-9.6			
	Steam output [lbs/h]	4.0-4.6	9.2-10.6		18.3-21.2			
	Rated power [kW]	1.4-1.6	3.1-3.6		6.2-7.2			
	Rated current [A] **	6.5	15		30			
208-240 VAC / 3 / 50-60Hz	Steam output [kg/h]		4.7-5.4	7.2-8.3	14.4-16.6	27.1-31.3	38.4-44.3	
	Steam output [lbs/h]		10.3-11.8	15.9-18.3	31.8-36.6	59.8-69.0	84.7-97.7	
	Rated power [kW]		3.5-4.0	5.4-6.2	6.2-7.2	20.4-23.5	28.8-33.3	
	Rated current [A] **		9.7	15	30	56.5	80	
440-480 VAC / 3 / 50-60Hz	Steam output [kg/h]		4.8-5.2	9.6-10.4	19.1-20.8	28.6-31.1	43.0-46.9	62.1-67.7
	Steam output [lbs/h]		10.5-11.5	21.1-23.0	42.1-45.9	62.9-68.7	94.7-103.3	136.8-149.3
	Rated power [kW]		3.6-3.9	7.2-7.8	14.3-15.6	21.4-23.4	32.2-35.2	46.6-50.8
	Rated current [A] **		4.7	9.7	18.8	28.1	42.3	61.1
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 ***								
Height [mm/in]	400/15.7	570/22.4		730/28.7			820/32.3	
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.

* Other voltages upon request.

** 1.1-fold power consumption after full blowdown.

Observe actuation characteristics of automatic circuit-breakers.

If necessary, select the next higher circuit-breaker level.

*** 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 *	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 **								
Height [mm/in]	570/22.4			730/28.7		820/32.3		
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 demineralised 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.

* Other voltages upon request.

** Outer width and depth dimensions. Height including outlet connection.

Our service for 100% customer satisfaction

- Simple ordering process and short delivery times
- Exceptional availability of legacy 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[®]
WE HUMIDIFY THE AIR

HygroMatik GmbH
Lise-Meitner-Str. 3
24558 Henstedt-Ulzburg
Germany
T +49 4193 895-231
F +49 4193 895-33
axel.zadina@hygromatik.de
www.hygromatik.com

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

A Member of the **spirax**
/sarco group

