

## Technical Data HyLine

Type	Hy05	Hy08	Hy13	Hy17	Hy23	Hy30	Hy45	Hy60	Hy90	Hy116
Steam output [kg/h]	5	8	13	17	23	30	45	60	90	116
Electrical supply *	400V/3/N 50-60Hz									
Electrical power [kW]	3.8	6	9.8	12.8	17.3	22.5	33.8	2x22.5	2x33.8	2x43.5
Current [A]	5.4	8.7	14.1	18.4	24.9	32.5	48.8	2x32.5	2x48.8	2x62.8
Fuse [A]	3x6	3x10	3x16	3x20	3x35	3x35	3x63	6x35	6x63	6x63
Control	Basic, Comfort		Basic, Comfort and ComfortPlus							
Control voltage [V]	230									
Steam hose connection	1x25 mm			1x40 mm		2x40 mm		4x40mm		
Empty weight [kg]	13	13	20	20	22	28	39	47	70	70
Operational weight [kg]	19	19	38	38	40	55	85	101	162	162
Height [mm]	480	480	651	651	651	708	788	709	788	788
Width [mm]	449	449	522	522	522	561	654	927	1061	1061
Depth [mm]	251	251	301	301	301	344	403	334	403	403
Water supply	1-10 bar, with connection 3/4"									
Fan unit, wall mounted	1x VG08	1x VG08	1x VG17	1x VG17	1x VG30	1x VG30	2x VG30	2x VG30	4x VG30	4x VG30

\* Other voltages on request  
Subject to technical amendments without notice

## Our Service for you

- HygroMatik distributors in more than 35 countries worldwide
- Technical hotline +49 4193 895 - 293 or hotline@hygromatik.com
- Manuals, planing tools and workshop offers are available online at [www.hygromatik.com](http://www.hygromatik.com)

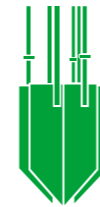
**HygroMATIK**  
WE HUMIDIFY THE AIR

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**HygroMATIK**  
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# HyLine

Electrode Steam Humidifiers



**HygroMATIK**  
MORE THAN  
**45 YEARS**  
HUMIDIFICATION



**Humidification for best conditions**  
for industry, manufacturing processes, public buildings and offices.

Certified Quality  
VDE, GS and CE

## Highly developed microprocessors

The new microprocessor controls for HygroMatik steam humidifiers provide a modular set up, optionally with remote control.

### The HyLine Basic unit provides

- proportional or on/off control
- automatic system test
- 5 LED's to indicate important operation information
- stand-by blow-down
- self-adjustment to the available water quality
- 2 potential free remote signals
- change-over to process humidification
- stand-by heating for rapid steam production
- integrated communication protocol Modbus RTU
- optional relay circuit board for 4 additional remote signals

### The HyLine Comfort unit includes additionally

- integrated PI control
- back-lit LC display
- 4 function keys for easy operation and programming
- change-over to process humidification via menu

### HyLine ComfortPlus additionally provides

- encoder for very easy operation and programming
- timer function



## Best by design

- Hygienic humidification with clean steam
- Stainless steel cabinet
- Simple maintenance
- High quality components
- Very easy operation

### All units optional with:



**SuperFlush**, the rinsing system which can considerably increase cylinder standing times.



**HyFlow**, for tap water protection according to DIN EN 1717. No additional system separator is needed. DVGW certified.



**ZylinderStern**, the insert between the electrodes lengthens the current path and therefore the life expectancy of the electrodes.

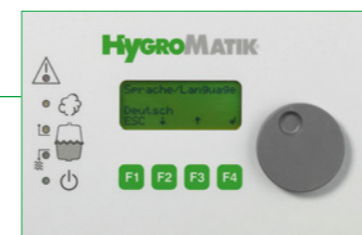
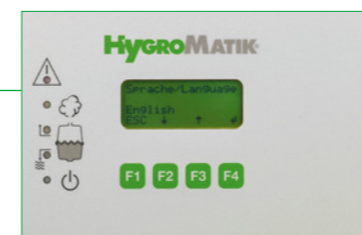
## Stainless steel outside, proven quality inside

The HygroMatik HyLine series offers you 10 unit sizes with steam outputs from 5-580 kg/h. Steam outputs of more than 116 kg/h are obtained by combining several units together.

The HyLine humidifiers generate clean steam from standard tap water. Intelligent self-adjusting units choose the most economic mode of operation.

The cabinet is made entirely of corrosion-resistant stainless steel. The removable cover allows easy access for maintenance and a lock prevents unauthorized access.

HygroMatik supplies steam manifolds or fan units as required.



Proven **high-quality components** guarantee long cylinder standing times and a long life expectancy.

Replaceable large stainless steel electrodes guarantee rapid steam production.

**Quick-Fit**, the special electrode fastening system, allows a quick electrode change without tools.



The **cylinder** is split in the middle for easy opening and has a particularly large volume for long standing times. It can be opened easily, cleaned without chemicals and is immediately available for re-use.

The **robust blow-down** pump drains high volumes of scale particles which would otherwise collect in the cylinder. This prolongs cylinder standing times considerably and reduces maintenance.

