



HYGROMATIK
WE HUMIDIFY THE AIR

Technical data CompactLine

Type	C01	C02	C06	C10	C17	C22	C30	C45	C58
Steam output [kg/h]	1	2	6	10	17	22	30	45	58
Electrical supply	230V/1/N 50-60Hz			400V/3/N 50-60Hz*					
Electrical power [kW]	0.75	1.5	4.5	7.5	12.8	16.5	22.5	33.8	43.5
Current [A]	3.3	6.5	6.5	10.8	18.4	23.8	32.5	48.8	62.8
Fuse [A]	1x6	1x10	3x10	3x16	3x20	3x35	3x35	3x63	3x63
Control	Basic, Comfort			Basic, Comfort and Comfort Plus					
Control voltage [V]	230V								
Steam hose connection [mm]	1x25			1x40		1x40**		2x40	
Empty weight [kg]	8,5	10	10	12	19	19	20	22	31
Operational weight [kg]	9,8	12,6	13	18	37	37	38	49	77
Height [mm]	385	365	436	478	651	651	651	707	787
Width [mm]	355	392	403	412	480	480	480	528	615
Depth [mm]	171	221	208	228	308	308	308	343	394
Water supply	1-10 bar, with connection 3/4"								

* Other voltages on request

** Inclusive Y-piece for connection of two manifolds

*** Inclusive T-pieces for condensate return from both manifolds

Subject to technical amendments without notice

CompactLine

Electrode Steam Humidifiers



HYGROMATIK
MORE THAN
45 YEARS
HUMIDIFICATION



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HygroMatik GmbH
Lise-Meitner-Str. 3
24558 Henstedt-Ulzburg
Germany
T +49 4193 895-0
F +49 4193 895-33
hy@hygromatik.de
www.hygromatik.com

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



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

Not only space-saving

As the name suggests the HygroMatik CompactLine is compact and space-saving. With 9 sizes, the wall-mounted units offer steam outputs from 1-290 kg/h. Steam outputs of more than 58 kg/h are obtained by using several units together.

Intelligent self-adjustment to water quality

The new intelligent HygroMatik microprocessor controls include the option of modular upgrading. They accept all standard control signals. Self-adjusting, they choose the most economic mode of operation for the available water quality and monitor the complete humidification process, optionally with remote control.



Best By Design

- Hygienic humidification with clean steam
- Space-saving stainless steel design
- Re-usable steam cylinder
- Intelligent microprocessor controls
- Highly efficient at a very competitive price

CompactLine Basic provides

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

CompactLine Comfort includes additionally

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

CompactLine ComfortPlus provides as special extras

- encoder for very easy operation and programming
- timer function



Certified Quality
VDE, GS and CE

Designed for easy maintenance and long life.

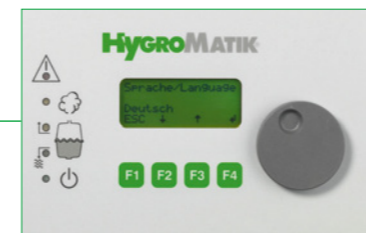
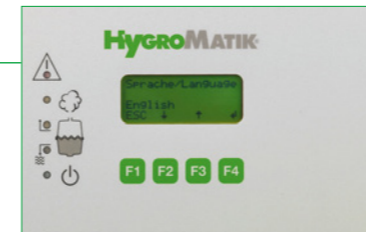
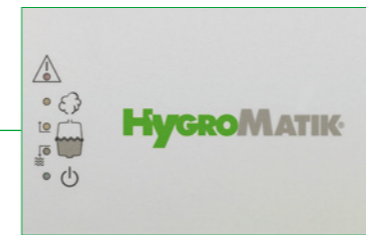
The modern stainless steel cabinet is long-lived and corrosion-resistant. Simply removing the cover provides all round accessibility. The steam hose adapter, the manual water drain and snap-on-hose connections make cylinder maintenance quick and easy.

Quality down to the smallest detail.

The robust heavy-duty blow-down pump drains particles of scale. This reduces maintenance.

The large area stainless steel electrodes guarantee long cylinder standing times and are replaceable without tools.

The cylinder can be opened easily, cleaned without chemicals and is immediately available for re-use. Environmentally friendly and money-saving.



Replaceable large area stainless steel electrodes



Re-usable steam cylinder



Robust blow-down pump

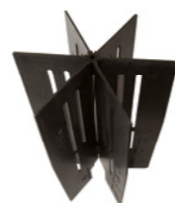
All units optional with:



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.

Our service for you:

- HygroMatik distributors in more than 35 countries worldwide
- Technical hotline: +49 4193 895 - 293 or hotline@hygromatik.com
- Personal on-site assistance
- 24-hour spare parts service
- Extended availability of spare parts
- Manuals and information material at www.hygromatik.com

