

CompactLine

Electrode Steam Humidifiers



HYGROMATIK[®]
WE HUMIDIFY THE AIR.

Certified Quality
VDE, GS and CE

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

Not only space-saving

The name says it all.

The HygroMatik CompactLine is compact and space-saving.

It includes 6 unit sizes with steam capacities of max 6-58 kg/h, with optional Master-Slave operation up to 464 kg/h.

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.

Remote control and Master-Slave operation optional.

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 interface RS 485
- 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-Comfort Plus provides as special extras

- encoder for very easy operation and programming
- timer function



Optional:

SuperFlush, the rinsing system which can considerably increase cylinder standing times. Removes even more scale deposits from the cylinder bottom by means of an induced eddy.



Optional:

Star, the insert between the electrodes lengthens the current path and therefore the life expectancy of the electrodes. For areas with highly conductive water.

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.



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.



Our service for you

- HygroMatik distributors in more than 35 countries worldwide
- Technical Hotline Telephone
- Manuals and information material at www.hygromatik.com



Technical Data CompactLine

Type		C06	C10	C17	C22	C30	C45	C58
Steam output	[kg/h]	6	10	17	22	30	45	58
Electrical supply		400V/3/N 50-60Hz*						
Electrical power	[kW]	4,5	7,5	12,8	16,5	22,5	33,8	43,5
Current	[A]	6,5	10,8	18,4	23,8	32,5	48,8	62,8
Fuse	[A]	3x10	3x16	3x20	3x35	3x35	3x63	3x63
Control type		Basic, Comfort, Comfort Plus						
Control voltage		230 V						
Steam hose connection	[mm]	1x25	1x25	1x25	1x40	1x40	1x40**	2x40
Condensate hose connection	[mm]	1x12	1x12	1x12	1x12	1x12	1x12***	2x12
Empty weight	[kg]	10	12	19	19	20	22	31
Operational weight	[kg]	13	18	37	37	38	49	77
Dimensions	Height [mm]	438	480	652	652	652	706	789
	Width [mm]	370	406	472	472	472	519	608
	Depth [mm]	187	216	282	282	282	326	391
Water supply		1 to 10 bar, for connection 3/4"						
Fan unit, wall mounted		VG08	VG17	VG17	VG30	VG30	2xVG30	2xVG30

* Other voltages on request

** Inclusive T-piece for connection of two manifolds

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

Subject to technical amendments without notice

HYGROMATIK
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