



Diphusair Electrode

Electrode Steam Humidifiers



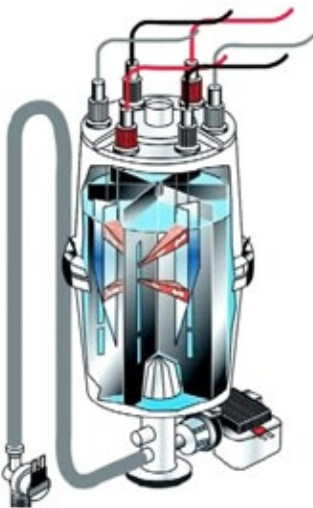


Not only space-saving



optional: Super Flush

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.

The name says it all.

The Fisair Diphusair Electrode 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 Fisair 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.

Diphusair Electrode-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

Diphusair Electrode-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

Diphusair Electrode-Comfort Plus provides as special extras:

- Encoder for very easy operation and programming
- Timer function

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.**

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.



Robust heavy-duty blow-down pump.



Large area stainless steel electrodes.



Easy maintenance.



Technical Data Diphusair Electrode										
Model		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	12,5	16,5	22,5	33,5	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	1x6	3x10	3x16	3x20	3x35	3x35	3x63	3x63
Control type		Basic, Comfort,			Basic, Comfort, Comfort Plus					
Control voltage		230 V								
Steam hose connection	[mm]	1x25		1x25	1x25	1x25	1x40	1x40	1x40**	2x40
Condensate hose connection	[mm]	1xDN9			1x12	1x12	1x12	1x12	1x12***	2x12
Empty weight	[kg]	9	10	10	11	20	19	21	24	32
Operational weight	[kg]	10	13	13	16	33	32	34	45	68
Dimensions	Height [mm]	385	365	436	478	651	651	651	707	787
	Width [mm]	355	392	403	415	480	480	480	528	615
	Depth [mm]	171	221	208	238	308	308	308	343	394
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