

## Technical Data LPS

Type		45	72	110
Effective humidification performance	[kg/h]	up to 45	up to 72	up to 110
Humidification capacity max. (15 bar)	[l/h]	56	90	140
Current connection	[A]	1.9	2.1	2.7
Performance	[kW]	0.44	0.48	0.62
Voltage connection	[V/Ph/Hz]	230 / 1 / N / 50-60		
Control signal *	[V/mA/Ohm]	0-10 / 4-20 / 0-140		
Dimensions of VortexModules	[mm]	150 x 150		
Max. number of nozzles		15	22	32
Humidification distance, optimum	[m]	0.9		
Installation length, optimum	[m]	1.5		
Flow rate	[m/s]	0.9-2.8		
Pressure drop in duct (dry)	[Pa]	80 at 2.0 m/s air velocity		
Water connection		Demineralised water, residual conductivity 5-50 µS/cm		

\* Other control signals on request  
Subject to technical amendments without notice

## Our service for you

- HygroMatik distributes worldwide
- Technical hotline +49 4193 859-293 or [hotline@hygromatik.com](mailto:hotline@hygromatik.com)
- Manuals, planning tools and workshop offers are available online at [www.hygromatik.com](http://www.hygromatik.com)



**HYGROMATIK**  
member of CAREL group 

HygroMatik GmbH

Lise-Meitner-Str. 3  
24558 Henstedt-Ulzburg  
Germany

T +49 4193 895-0  
[hy@hygromatik.com](mailto:hy@hygromatik.com)  
[www.hygromatik.com](http://www.hygromatik.com)