

# Technical Data HPS

Type		250	500
Effective humidification performance	[kg/h]	up to 250	up to 600
Humidification capacity max. (75 bar)	[l/h]	260	620
Current connection	[A]	6.45	10.4
Performance	[kW]	1.48	2.4
Voltage connection	[V/Ph/Hz]	230 / 1 / N / 50-60	
Control signal *	[V/mA/Ohm]	0-10 / 0-20 / 0-140	
Dimensions of VortexModules	[mm]	150 x 150	
Max. number of nozzles		6-39	18-104
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		fully 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
- Manuals, planning tools and workshop offers are available online at [www.hygromatik.com](http://www.hygromatik.com)



**HYGROMATIK**<sup>®</sup>  
member of CAREL group 

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