

TurboFog

Individual, flexible, versatile

The TurboFog air humidification system offers customized designs for a range of applications. Whether humidification is needed to improve comfort in office environments or for industrial applications in production and warehouse facilities – the TurboFog system is always extremely quiet and totally drip-free. The flexible choice of combinations of the different nozzle guarantees optimum humidification results and economical operation.

Example applications



Printing industry



Offices / workshops



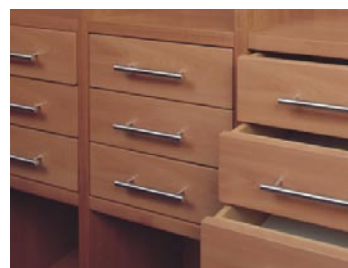
Electronics industry



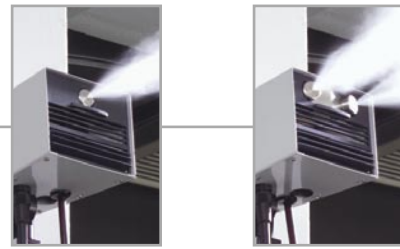
Textile industry



Food production



Wood processing



Humidification and water treatment

When you need humidity



Help:

Requirements are determined together with our specialist consultants. Technical alternatives are presented and discussed. A water analysis is carried out.



Engineering:

Your individual system is designed by our planning department and developed in CAD. You receive your tailor-made system.



Service:

Our customer service department performs system start-up while providing field training to your staff.

Clear advantages at a glance

- **Consistent refinement**
The new product line is the result of our constant technical optimisation (e.g. quieter, finer nebulisation etc.).
- **One system – many solutions**
Flexible nozzle combinations allow customized solutions, optimum results and excellent economy.
- **No compressed air**
Microfine atomization using a high-tech swirl nozzle - no expensive compressed air.
- **Very quiet**
No irritating hiss. Quiet as a breath of wind...
- **Stainless steel technology**
Suitable for partially demineralised water (R/O water). Corrosion-resistant stainless steel for a long life and optimal operation of the nozzle.
- **Even humidification**
The high-performance fan ensures that the aerosols are rapidly distributed into the air.
- **Convenient**
The atomizer can be swivelled in both horizontal and vertical planes, making it extremely flexible in use.



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TurboFog Humidification



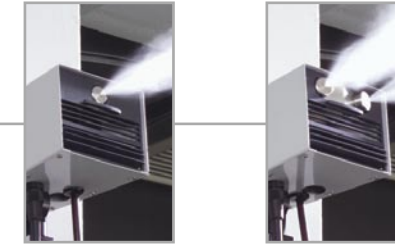
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The Air Humidification System

TurboFog



One system for every requirement...

Convenient



DRAABE TurboFog 4 (4 kg/h max.): Ideal for offices, museums, pre-press

Economical



DRAABE TurboFog 8.1 (8 kg/h max.): Attractive value for money

Flexible

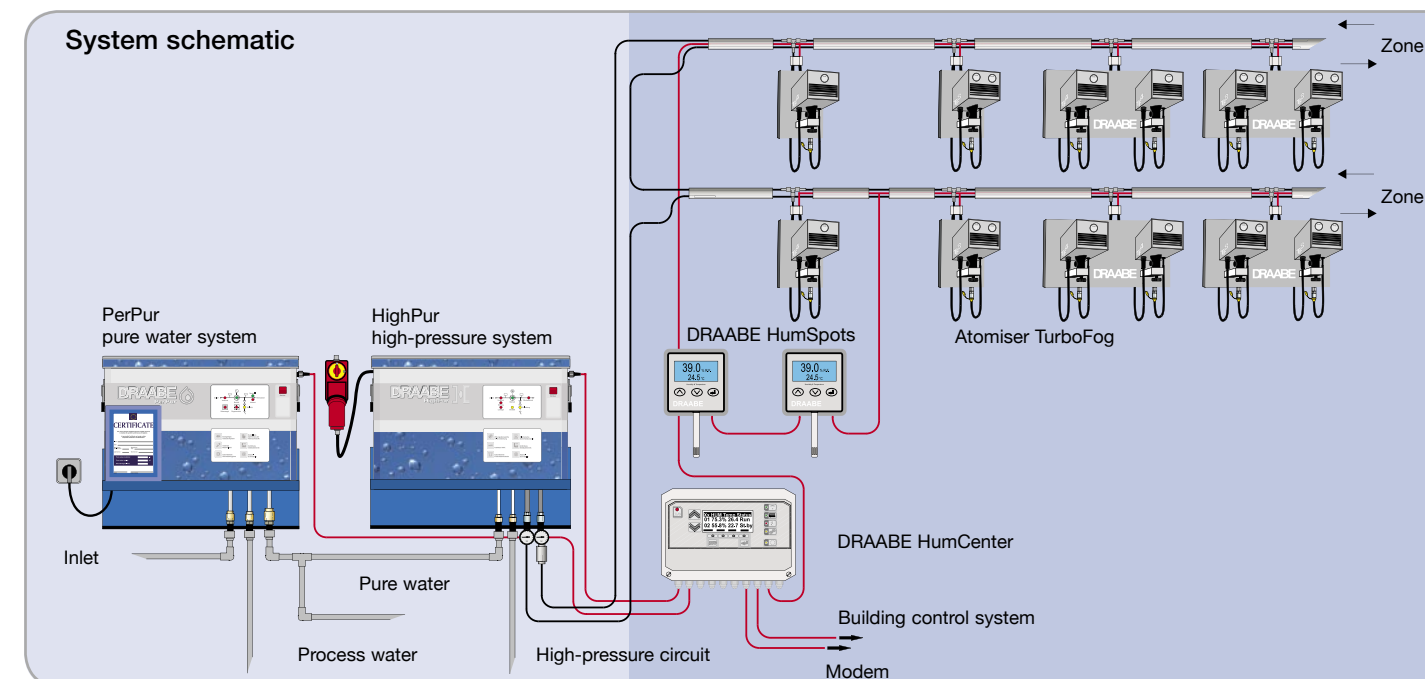


DRAABE TurboFog 8.2 (8 kg/h max.): Allows individual positioning

High performance



DRAABE TurboFog 16 (16 kg/h max.): For high humidification requirements



Capacity and size

Technical details	TurboFog 4	TurboFog 8.1	TurboFog 8.2	TurboFog 16
Capacity (max.)*	4 kg/h	8 kg/h	8 kg/h	16 kg/h
Operating pressure	85 bar			
Droplet size (acidic)	< 15 µ			
Regulation range	20 - 80% r.h.			
Power supply	230 V~			
Power consumption	12 W	12 W	24 W	24 W
Weight	2,84 kg	3,3 kg	7,5 kg	8,4 kg

*Performance depends on the nozzle used

The high-pressure system HighPur



The centrally installed high-pressure system generates the pulsation pressure needed for the ultra-fine atomizing. The entire system is installed in a small portable container, which can be easily replaced during maintenance.

- Output adapts automatically
- Stainless steel technology for partially demineralised water (R/O water)
- DRAABE BioSafe germ elimination system
- Automatic rinsing system for the pipe network
- 24-hour call-out

Technical details	HighPur 60	HighPur 120	HighPur 200
Capacity	60 kg/h	120 kg/h	200 kg/h
Operating pressure	85 bar		
Dimensions	600 x 400 x 400 mm		
Weight	approx. 40 kg		
Power consumption	0,72 kw / 400 V3~		

Precisely controlled



The DRAABE HumSpot controls and monitors the humidification of the individual zones (e.g. different rooms, work areas). As a central control system for the entire air humidification system, the DRAABE HumCenter monitors, controls and analyses all humidification zones and the function of the Pur Container.

Design

