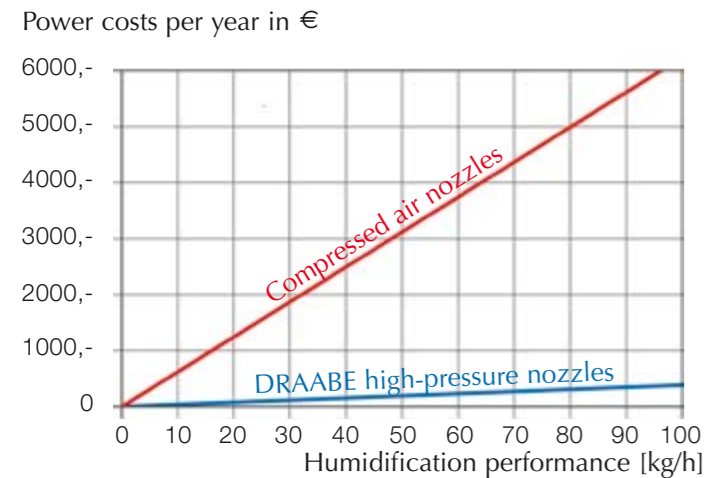




Comparison: Power costs

The diagram shows the annual power costs for the TurboFog system from DRAABE in comparison with compressed air nozzle systems.



On time p.a.: 4000 h according to DIN
Power rate: 0.13 €/kwh

Accurately monitored



A microprocessor permanently monitors the air humidification system to ensure the high degree of operational reliability. If the control indicator comes on, a solenoid valve interrupts the water supply.

DRAABE
a WMH Company



DRAABE
a WMH Company

Air Humidification and Water Treatment

When you need
humidity



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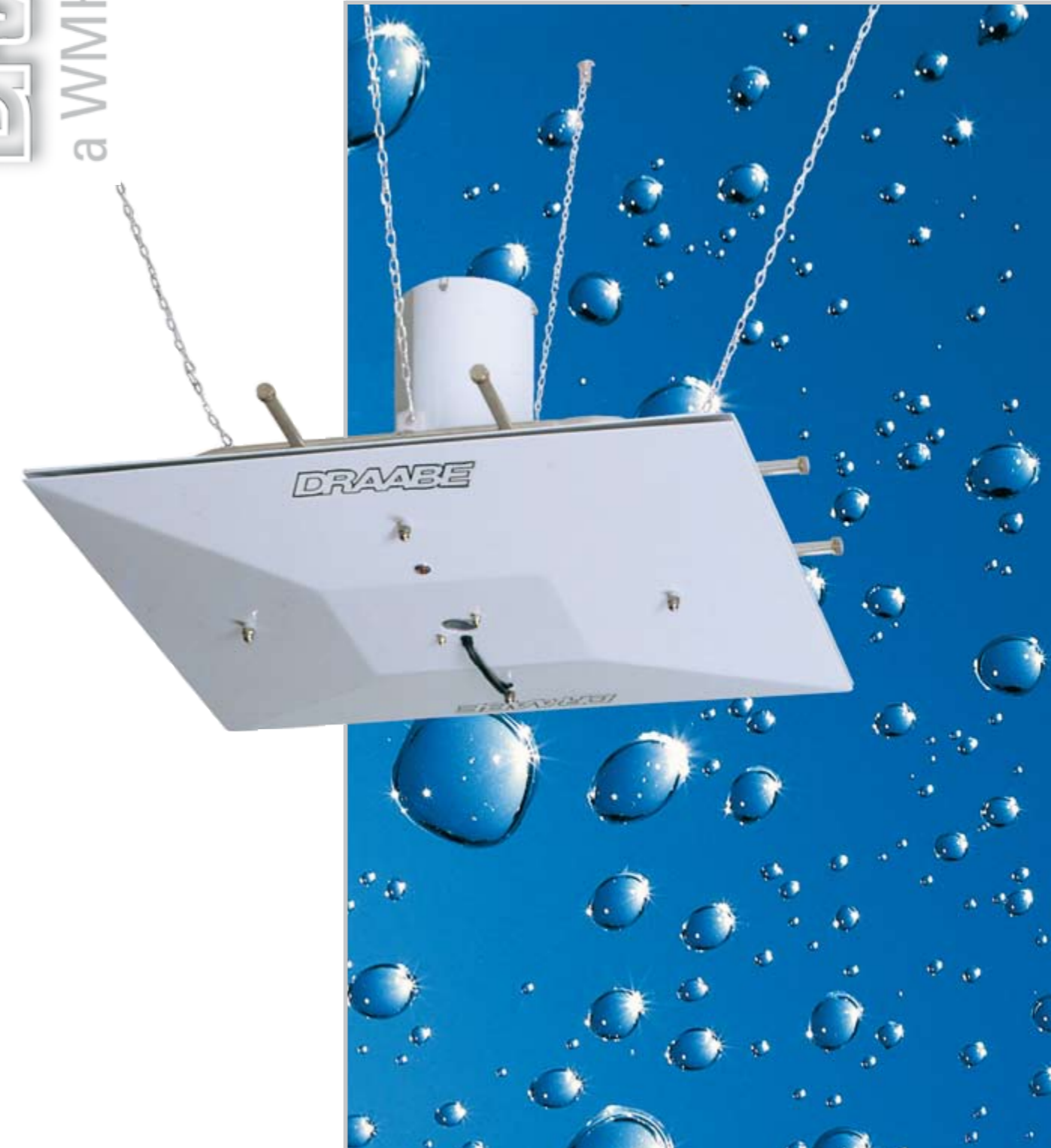
Help:
Requirements are determined together with our specialist consultants. Technical alternatives are presented and discussed. A water analysis is carried out.

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

Service:
Our customer services department starts up the system. Personnel induction is provided. A log is created. Our service agreement ensures competent and reliable after sales service.

DRAABE
a WMH Company

The Air Humidification System TurboFog 32



The Air Humidification System

Plug and spray!

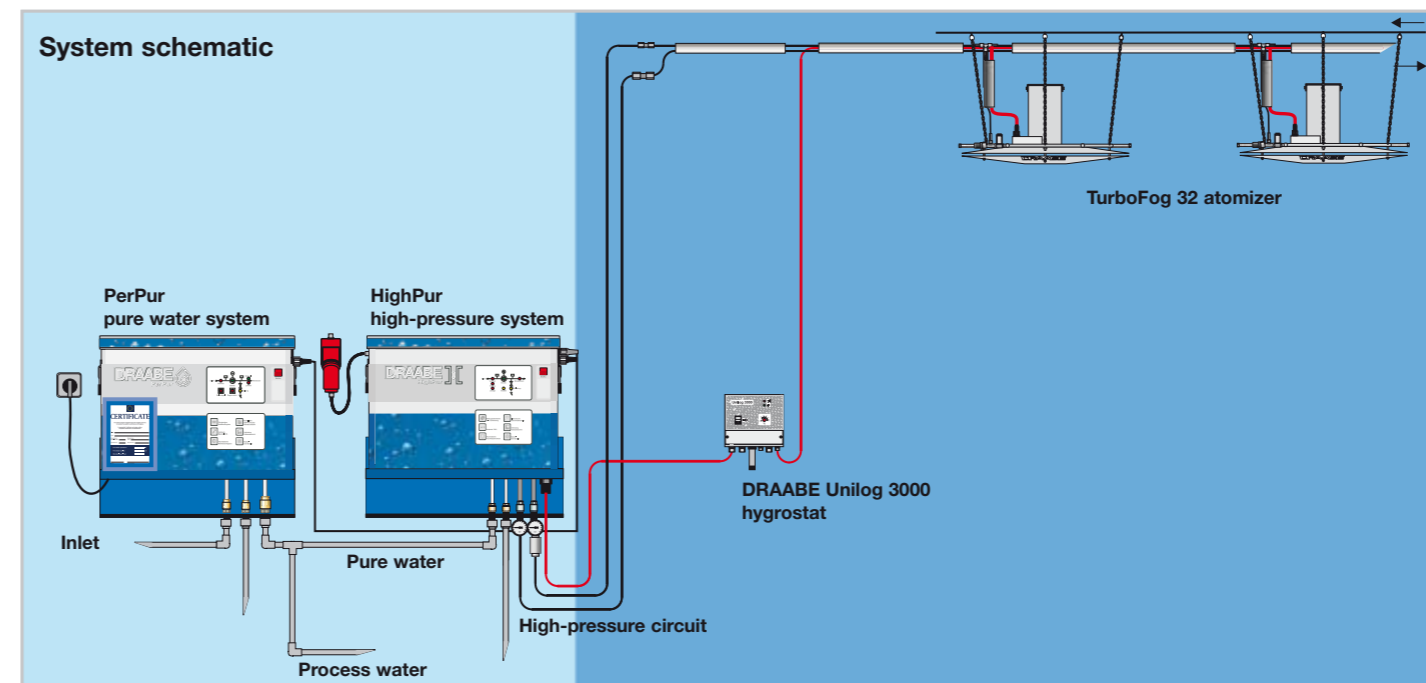


TurboFog 32
Humidification performance: Up to 32 kg/h

Clear advantages at a glance

- No compressed air**
Microfine atomization using eight hi-tech nozzles – no compressed air energy costs.
- Simple to install**
Just a high-pressure connection and an electricity supply are required for rapid commissioning.
- Stainless steel technology**
Suitable for partially demineralised water (R/O water). Corrosion-resistant – maintains value to a high degree.
- Highly efficient**
Power consumption is low despite high performance.
- Even humidification**
A high-performance fan and the arrangement of the eight swirl nozzles ensure that the aerosols are rapidly and radially distributed into the air.
- Operational reliability guaranteed**
A microprocessor monitors the ventilation system permanently, guaranteeing a high degree of operational reliability.

TurboFog 32



Capacity and size

Technical data	TurboFog 32
Capacity (max.)	32 kg/h
Operating pressure	85 bar
Droplet size (acidic)	< 15 µ
Regulation range*	20 - 80 % r.h.
Power supply	230 V~
Power consumption (max.)	88 W
Weight	9 kg

*with DRAABE Unilog 3000 (internal hygrostat)

The High-pressure system HighPur



- Output adapted automatically
- Stainless steel technology for partially demineralised water (R/O water)
- Anti-cavitation system
- Automatic rinsing system
- 24-hour call-out

	HighPur 60	HighPur 120	HighPur 200
Power	60 kg/h	120 kg/h	200 kg/h
Operating pressure	85 bar		
Dimensions	600 x 400 x 400 mm		
Weight	approximately 40 kg		
Power consumption	0,72 kW / 400 V3~		

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.

Design

