

# TRIED AND TESTED IN ITS THOUSANDS

DRAABE BioSafe humidification system



 **condair**  
systems

# THE PROVEN PURE WATER ATOMIZER

## DRAABE BIOSAFE HUMIDIFICATION SYSTEM

### The pure water atomizer, tried and tested in its thousands

With well over 10,000 of these air humidification systems in use throughout the world, reliable, sophisticated technology is guaranteed. It is straightforward installation and the ease with which it can be expanded make this system extremely flexible and convenient to use.

### Maintenance-free

Sealed water system. No cleaning.  
No filters to change.

### Guaranteed not to drip

Special nozzle made of Teflon-coated stainless steel. No limescale deposit.  
Droplet size < 15 µm (Sauter).

### Stainless steel technology

Perfectly suitable for desalinated water, absolutely corrosion resistant.

### Automatic fresh water system

Regular flushing of pipelines. Automatic emptying of residual water.

### Simple to install

With polyurethane hoses from the Festo range.

### Convenient and reliable

Low-noise. The atomizer can be swivelled both horizontally and vertically.

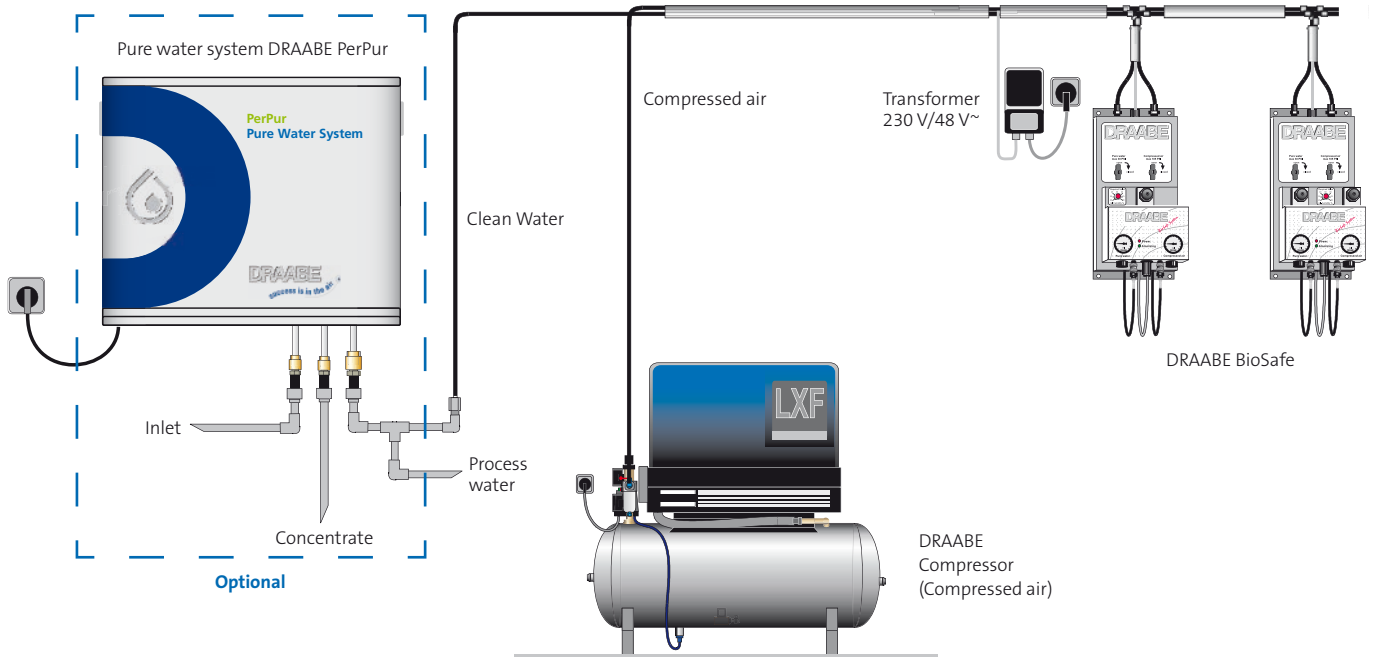


# THE SYSTEM

## DRAABE BIOSAFE HUMIDIFICATION SYSTEM



Flexibility

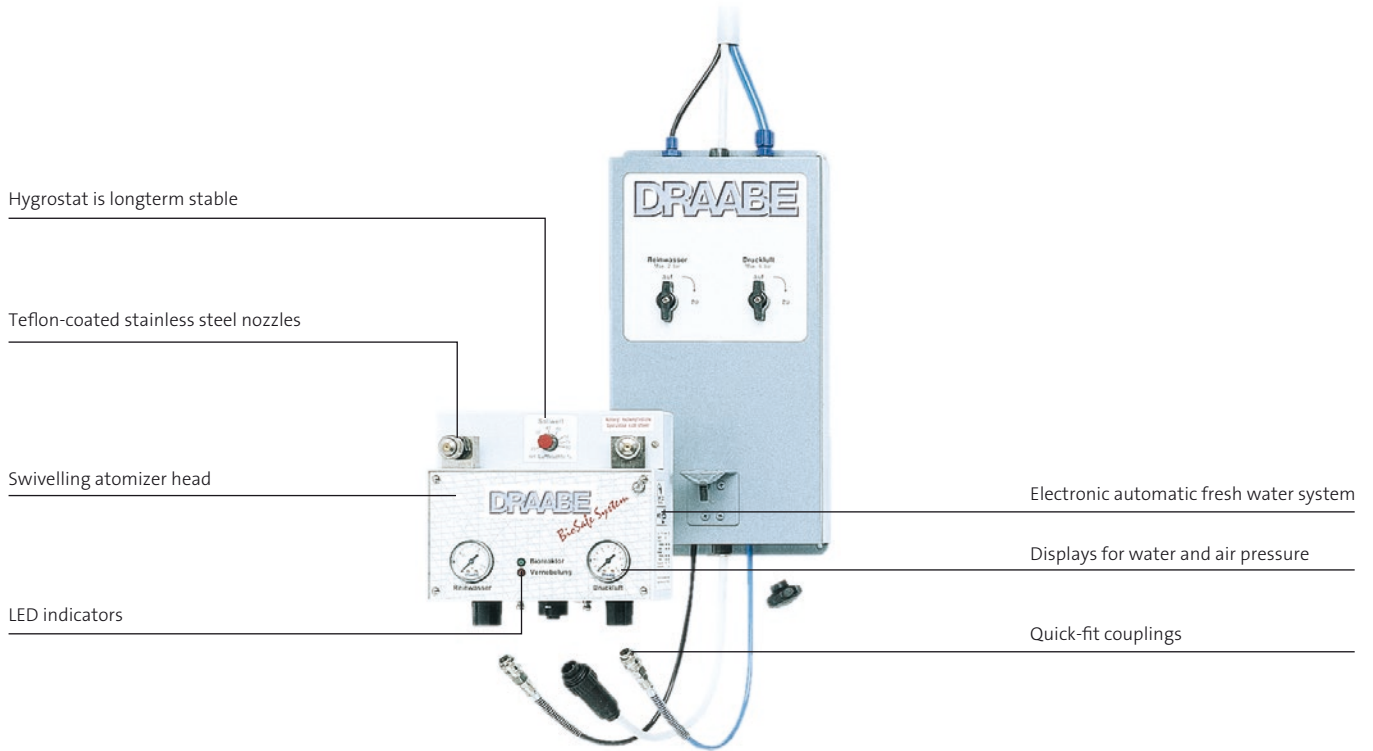


Technical details		
	DRAABE BioSafe 5	DRAABE BioSafe 10
Performance (max)	5 kg / h	10 kg / h
Compressed air required *	30 NI / min	60 NI / min
Hygostat	internal, $\pm 3\%$ r.h	internal, $\pm 3\%$ r.h
Material for nozzles	V2A, Teflon-coated	V2A, Teflon-coated
DRAABE BioSafe sterilization	optional	optional
Power consumption	20 W/48 V~	20 W/48 V~
Dimensions (W x H x D)	210 x 550 x 250 mm	210 x 550 x 250 mm
Weight (approx.)	2.75 kg	2.85 kg

\* depending on humidification level set

# THE SYSTEM

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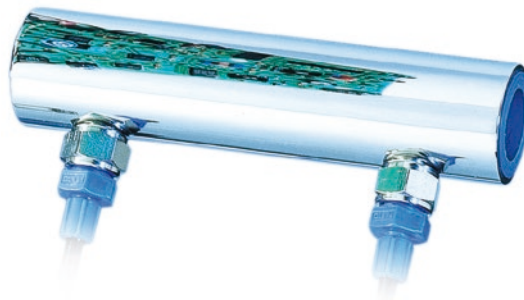
### The nozzle is the key!

All the air humidifiers in the DRAABE BioSafe series are fitted with durable stainless steel nozzles. A high-quality PTFE Teflon coating prevents minerals being deposited at the nozzle outlet.



### The DRAABE BioSafe sterilization system

For applications requiring the utmost hygiene, the units can be fitted with the DRAABE BioSafe sterilization system as an option. Germs are destroyed in the bioreactor immediately upstream of the atomizer nozzle. The water is as clear as glass and practically free of germs.



# PURE WATER AND SERVICE

## DRAABE BIOSAFE HUMIDIFICATION SYSTEM

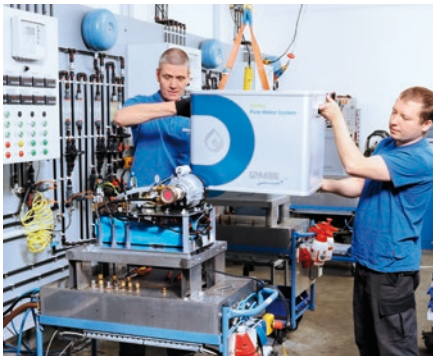


### It's all about the right water!

For trouble-free and 100 % hygienic operation of the DRAABE BioSafe air humidification system, the pure water system DRAABE PerPur produces highly pure water. Minerals and the finest impurities are filtered out and diverted in the form of a concentrate.

### Advantages:

- No lime scale deposits in lines and nozzles
- Minimized amount of mineral discharge into the air
- Constant performance



### Don't worry about a thing ...

Thanks to the full-service rental system, the DRAABE Pur systems are automatically maintained every six months. Every 6-8 months, users of DRAABE air humidification receive a fully inspected and disinfected replacement device without having to take care of maintenance themselves.

### Advantages:

- 100 % hygiene
- Life-long guarantee
- Consistent state-of-the-art technology



### Simply practical:

For the regular service, the air humidifiers can be removed in just a few manoeuvres. Condair Systems can supply original replacement units by mail at any time, protecting you from the expense of customer service engineers.

# YOUR CUSTOM SOLUTION

## HUMIDIFICATION AND WATER TREATMENT



### Expert advice:

In an initial consultation with our specialists, the objectives are defined, the technical alternatives are presented and discussed, and a water analysis is carried out.

### Individual planning:

Your individual system is planned and drawn with CAD in our planning department. You then receive your customised quote.

### Full-Service:

Our customer service puts your system into operation. Thanks to our full-service approach, you can be sure that your DRAABE humidification system is safe and hygienic – at all times.



Hygiene first



Flexibility



Energy saving



Green & lean

Condair Systems GmbH

Nordportbogen 5

22848 Norderstedt

Germany

Phone: +49 40 853277-0

Fax: +49 40 853277-44

E-Mail: [info@condair-systems.eu](mailto:info@condair-systems.eu)

Internet: [www.condair-systems.eu](http://www.condair-systems.eu)

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