

The nozzle is the key!

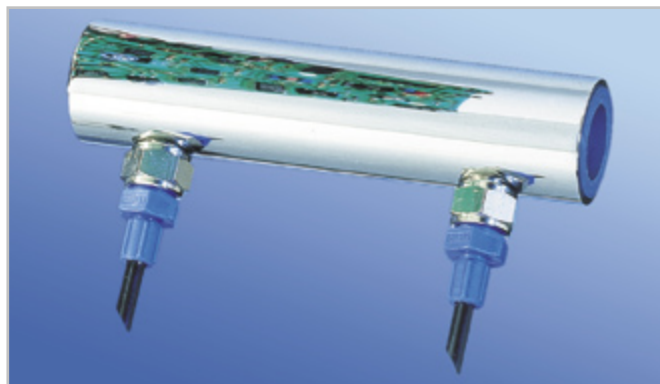
All the air humidifiers in the BioSafe series are fitted with durable stainless steel nozzles.



A high-quality PTFE Teflon coating prevents minerals being deposited at the nozzle outlet.

The 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.



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.



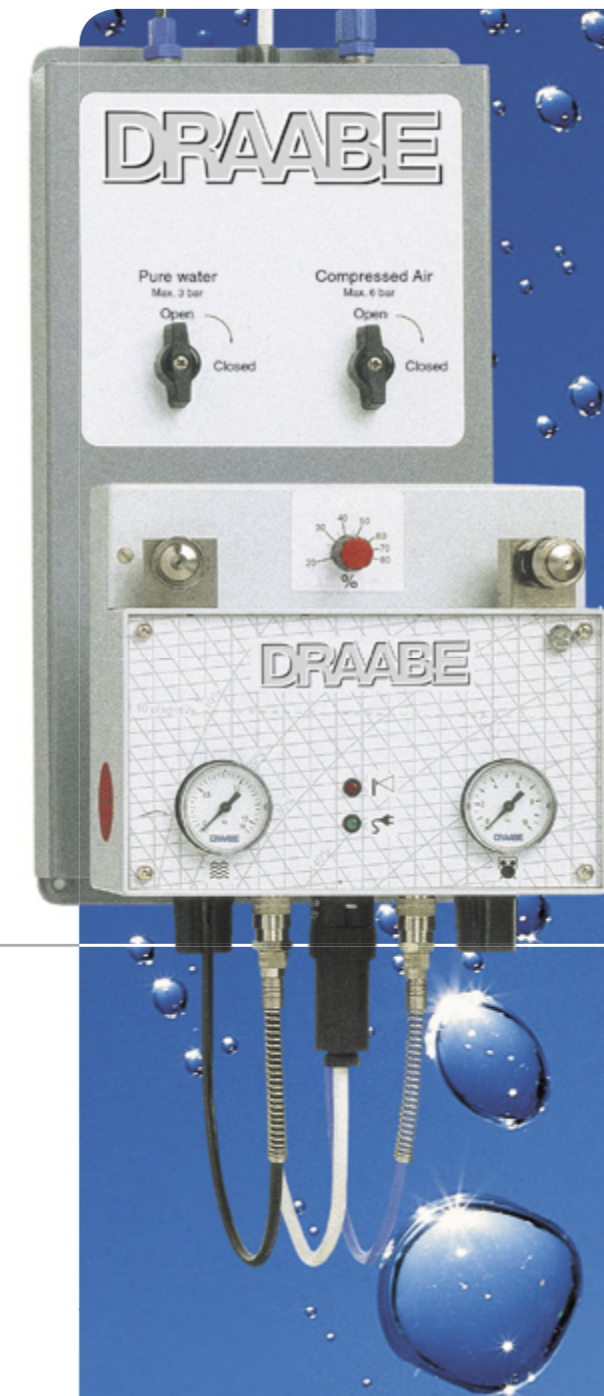
Engineering:
Your individual system is designed by our planning department and developed in CAD. You receive your tailor-made system.



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



BioSafe Humidification



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The Air Humidification System

The pure water atomizer, tried and tested in its thousands

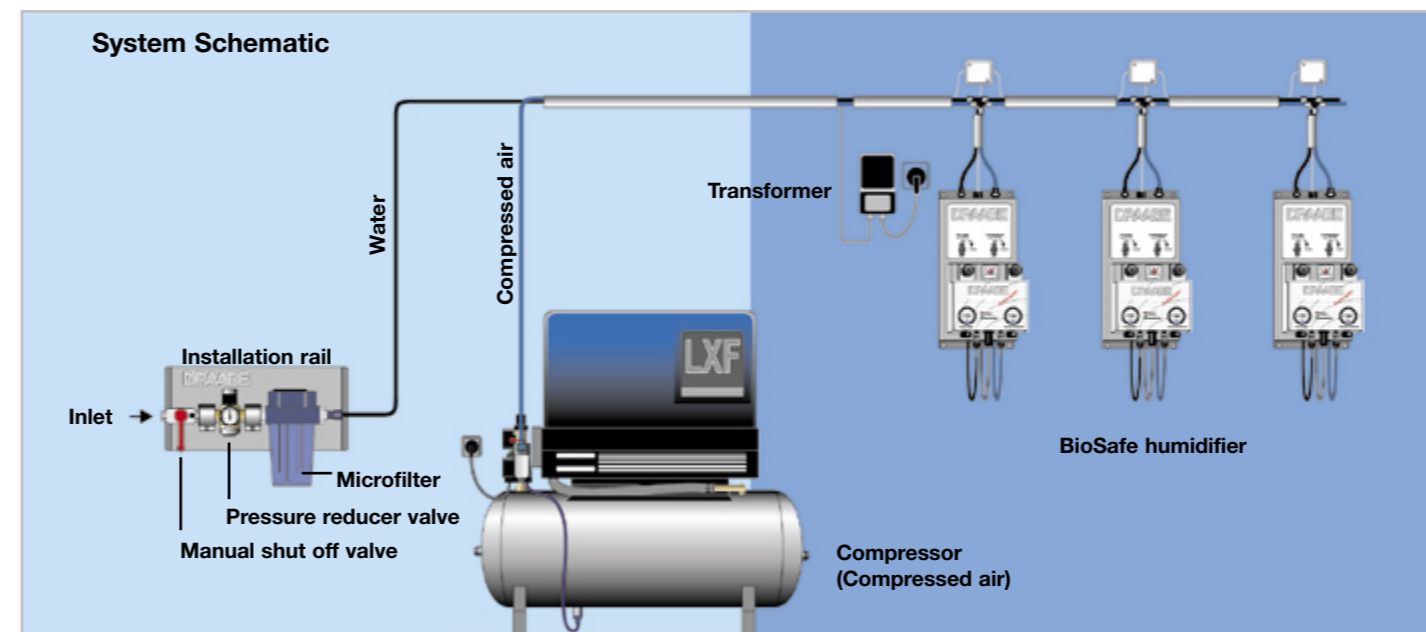
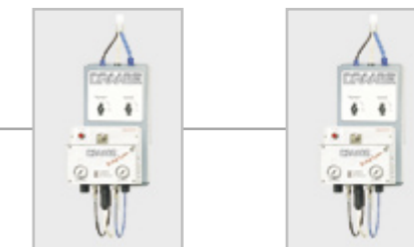


With well over 10,000 of these air humidification systems in use throughout the world, reliable, sophisticated technology is guaranteed. Its straightforward installation and the ease with which it can be expanded make this system extremely flexible and convenient to use.

Clear advantages at a glance

- **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. Drop-let 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.

BioSafe



BioSafe 5 / BioSafe 10

	BioSafe 5 / BioSafe 10
Performance (max.)	5 kg/h / 10 kg/h
Compressed air required *	60 Nl/min
Water quality	tap-water**
Hygostat	internal, ± 3% r.h.
Material for nozzles	stainless steel, Teflon-coated
BioSafe sterilization	optional
Power consumption	20 W/48 V~
Dimensions (w x h x d)	210 x 550 x 250 mm
Weight	approx. 2.75 kg / 2.85 kg

*depending on humidification level set
 **pretreatment recommended (depending on local water quality)



The service system

Simply practical: for the occasional service, the air humidifiers can be removed in just a few manoeuvres.



DRAABE can supply original replacement units by mail at any time, protecting you from the expense of customer service engineers.

