

MyFog Air Humidification

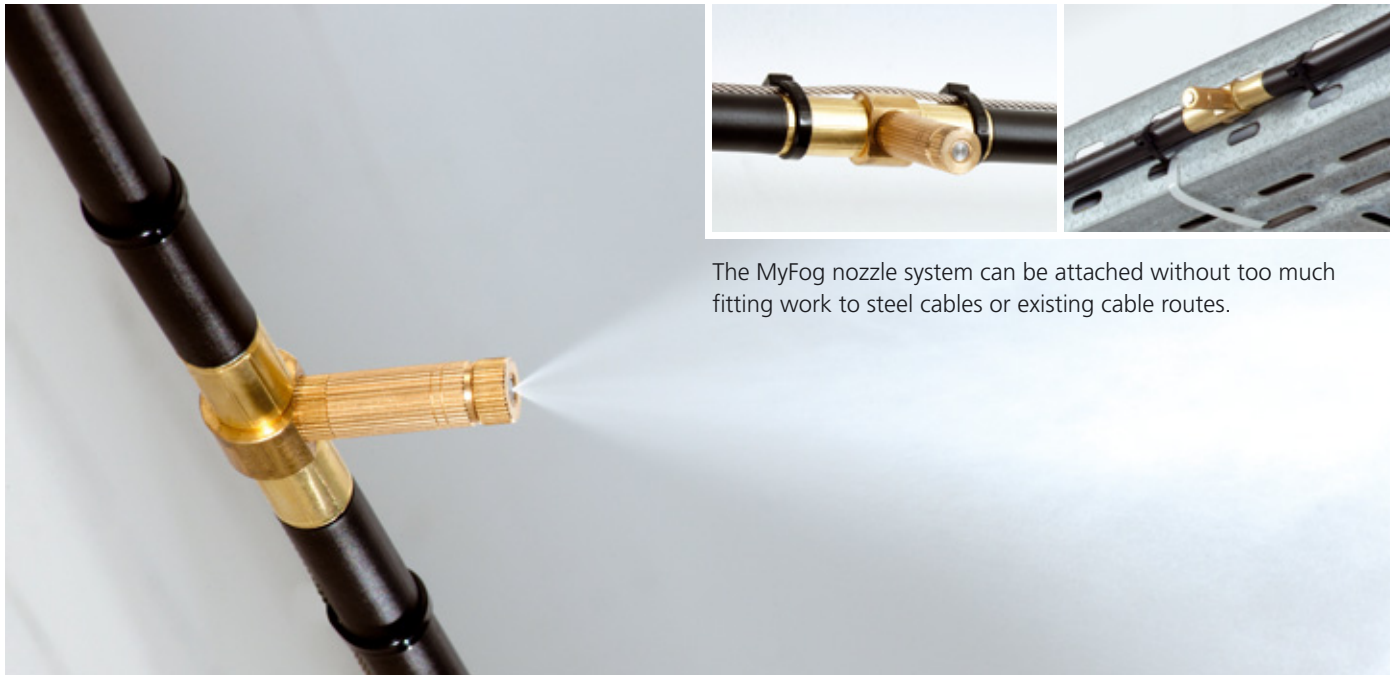
When performance
and cost-effectiveness matter



DRAABE
success is in the air

MyFog Air Humidification

Your benefits



The MyFog nozzle system can be attached without too much fitting work to steel cables or existing cable routes.

Energy-efficient high-pressure nozzle system

Micro-fine atomisation without expensive compressed air (energy costs, compressor maintenance, etc.).

Simple installation

Flexible nozzle systems adjust without too much fitting work to any existing room environment.

Flexible positioning

A movable nozzle swivel system positions the spray angle into the desired direction.

Precision Control

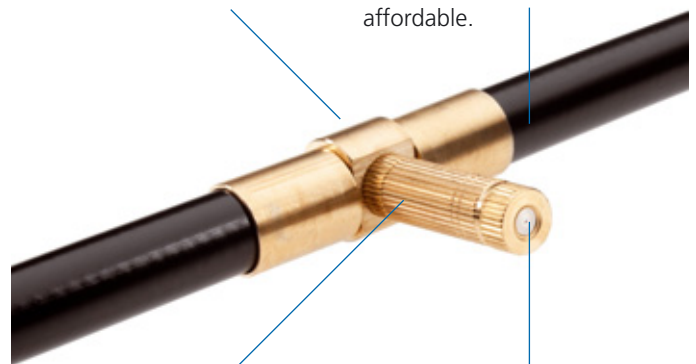
A digital control system makes it possible to pinpoint the activation of air humidification when the limit falls below the ideal value.

High performance – low costs

A frequency-controlled high-pressure pump guarantees a particularly economical and easy to maintain air humidification.

Adjustable nozzle swivel system for the setting of the spray angle.

Flexible UV-resistant high-pressure hoses make the installation simple and affordable.



Drop-proof valve guarantees drop-free installation.

A nozzle opening of only 200 μ size produces an ultra-fine spray fog made up of 15 micron small aerosols (according to Sauter).

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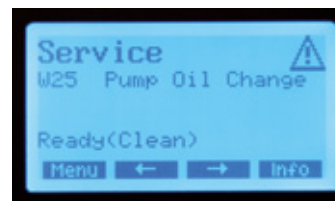
The MyFog high-pressure pump

The MyFog high-pressure pump is the powerhouse of the entire system. With an operating pressure of 80 bar the high-performance pump ensures the micro-fine spray pattern of MyFog nozzles. The frequency control and many innovative additional functions of the MyFog high-pressure pumps make the system extremely economic and user-friendly.

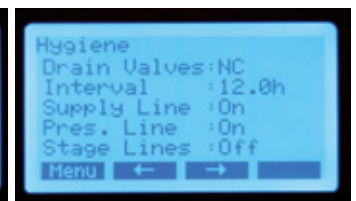
Functions:

- **Energy-efficient**
The frequency control always regulates the pump performance to suit the actually required quantity of humidification. These performance-dependent controls serve to reduce operating costs and save resources.
- **Easy to service**
The special MyFog electronic control system automatically displays all maintenance intervals and status messages via a multi-functional display screen. All consumables are easy to access for maintenance purposes and are easy to exchange.
- **Hygienic**
Automatically activated rinsing of the complete system prevents standstill contamination. An UV-disinfection (optional) and a micro-filter offer additional protection from micro organisms and contaminations in the humidifying water.
- **Comfortable**
The MyFog system may (optional) be connected to an existing building management system. Such a connection is also possible for the bus systems BACnet and LON.

| Technical details | Pump module | | |
|----------------------|-------------------------------------|----------|----------|
| | MyFog M | MyFog L | MyFog XL |
| Capacity max. | 160 kg/h | 490 kg/h | 980 kg/h |
| Power consumption | 0,9 kW | 1,9 kW | 3,2 kW |
| Voltage | 400 V3 ~ | | |
| Nozzle output (max.) | 4,3 kg/h | | |
| Regulation range | 20 – 100 % rel. humidity | | |
| Operating pressure | 80 bar | | |
| Dimensions | 904/662/404 mm (width/height/depth) | | |
| Weight | approx. 80 kg | | |

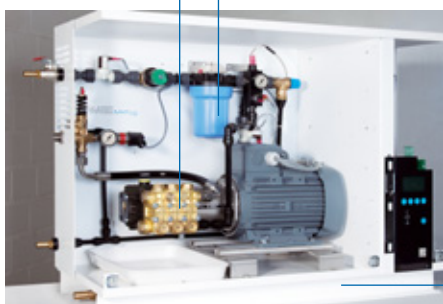


Any oil change required is indicated automatically.



Automatic rinse intervals guarantee hygiene.

Hydraulics unit | Micro-filter (5µ)



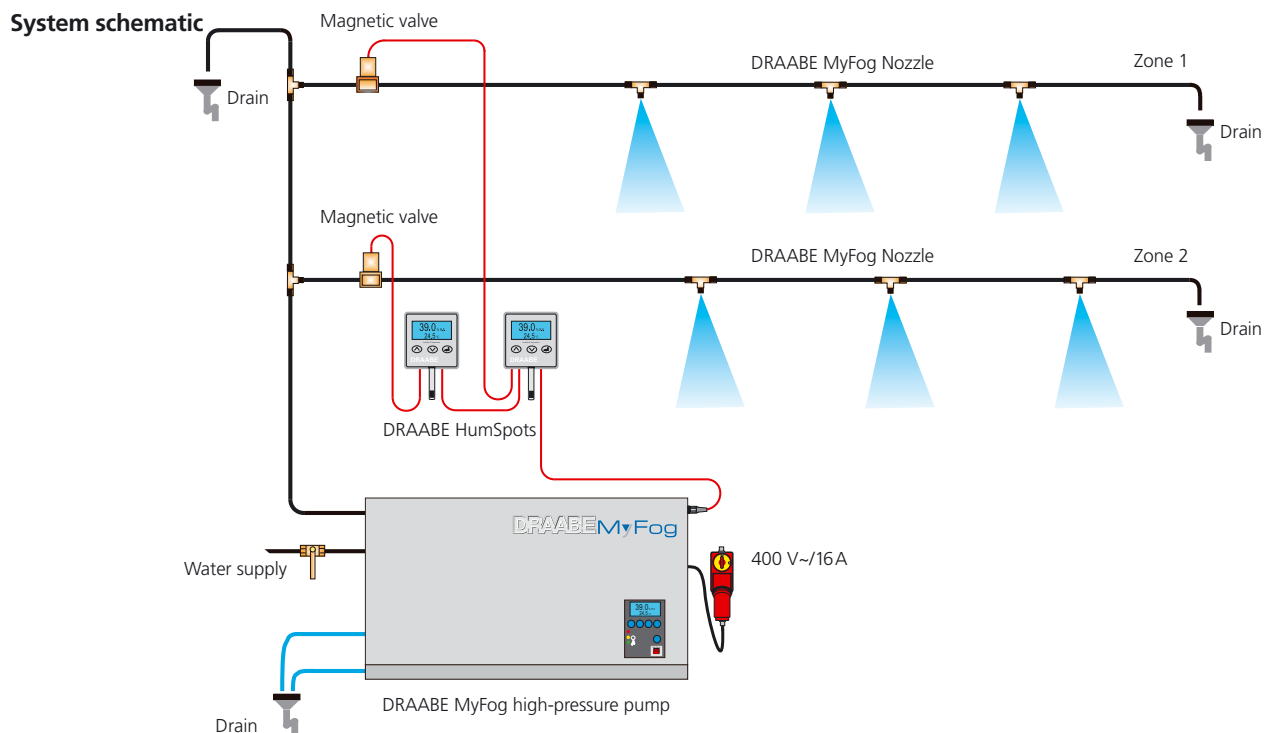
The maintenance-friendly construction enables a quick oil and filter change.



The MyFog electronic control with status messages.

MyFog Air Humidification

The System



HumSpot

Right to the point!

The DRAABE HumSpot controls and monitors the humidification of individual zones (e.g. different rooms, work spaces). The user-friendly menu navigation and illuminated colour display guarantee a high level of operating comfort.

Functions:

- Precise activation of the air humidifier when humidification falls below the set desired humidification level
- High measuring precision through digital, capacitive humidity measurement technology
- Permanent status display of relative humidity and room temperature



MyFog Air Humidification

Big on performance – small on price

MyFog is a powerful and cost-effective high-pressure nozzle system for the direct room humidification. The special MyFog properties are ideal for all applications where high humidification output, flexible installation options, simple of installation and low operating costs are decisive.



When performance and cost-effectiveness matter

**Air humidification • dust-binding • odour control
outdoor cooling • process cooling • special effects**



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