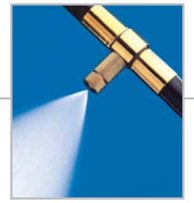

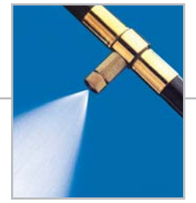

Where high performance and efficiency are vital

DRAABE MicroCool®

- Air humidification
- Dust suppression

- Odour control
- Ambient-air cooling

- Interior-air cooling
- Special effects

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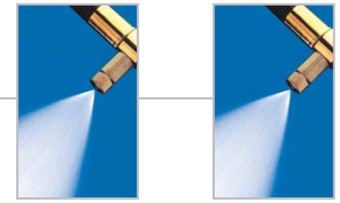
Air Humidification System MicroCool®

Air Humidification System

MicroCool®



Top performance – low price

With MicroCool® a high-pressure nozzle system that is both a high-performer and efficient is now available for direct room humidification.

The special MicroCool® properties are ideal for all applications in which, next to high humidification output, flexible installation options, simple installation and low operating costs are also decisive.

A flexible UV-resistant atomiser line
renders installation simple and affordable.

Unique nozzle swivelling system
for adjusting the spray angle

A **200 µ** nozzle orifice generates an ultrafine spray mist made up of 10 micron droplets.

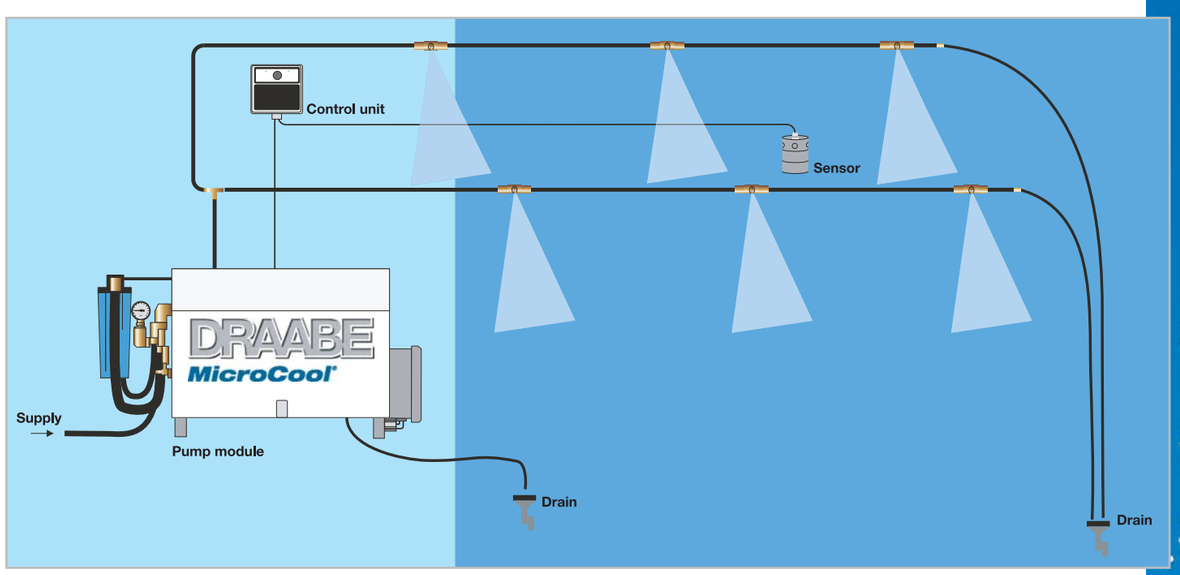
An inner wheel made of stainless steel **distributes** water droplets to the nozzle orifice.

Anti-drip valve guarantees drip-free installation.

Clear advantages at a glance

- **Patented high-pressure nozzle system**
  Microfine atomisation without need for expensive compressed air (power costs, compressor maintenance etc.).
- **Easy installation**
  Flexible nozzle lanes can be adapted without any major assembly outlay to match the given room requirements.
- **Flexible positioning**
  A special nozzle swivelling system positions the spray angle in the desired direction (160° vertical swivel).
- **Precise control**
  A temperature and humidity sensor monitors the set specified values. A section control enables the humidification in the areas/zones to be activated independently of each other.
- **Top performance – low costs**
  Minimum investment costs and low operating costs make the system particularly economical.

MicroCool® helps cut costs caused by air that is too dry. Flexible atomiser lines are adapted to the room requirements.



MicroCool® pump module

MicroCool® high-pressure pumps are available in different modules and output ratings. The systems are easy to operate, require little installation space and open up a wide range of application fields.

Module and output

Technical data	Pump module		
	Module A	Module B	Module C
Max. output	200 kg/h	500 kg/h	800 kg/h
Voltage	230 V~	400 V3~	400 V3~
Power consumption	0,8 kW	2,2 kW	3,7 kW
Nozzle output max.	5,8 kg/h (at 75 bar)		
Operating pressure	75 bar		
Control range	20 - 100% r.h.		

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