



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[®]

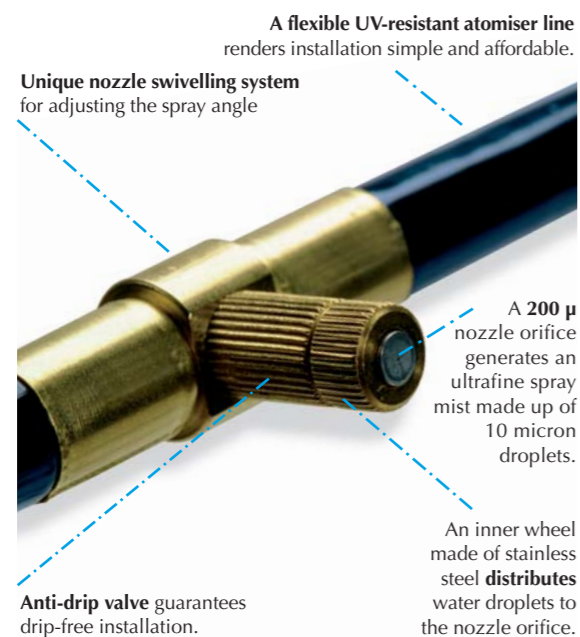


Air Humidification System

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.



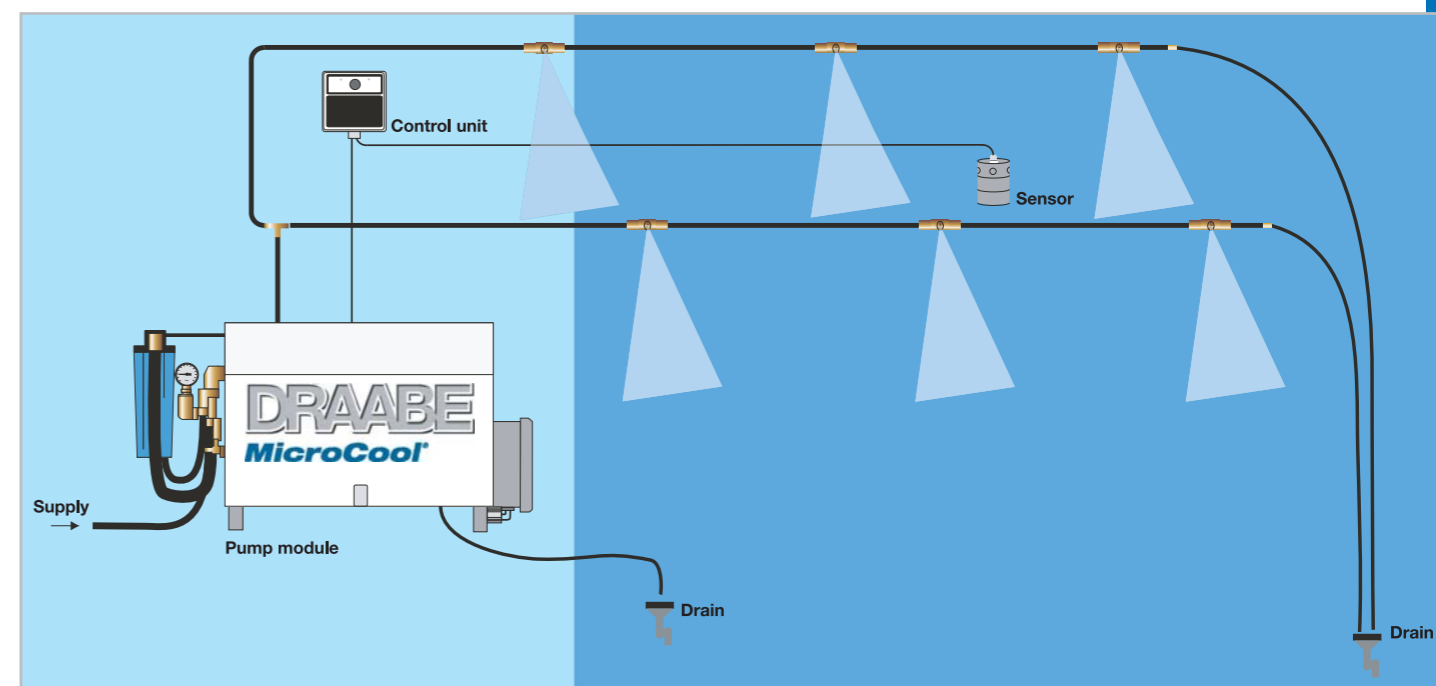
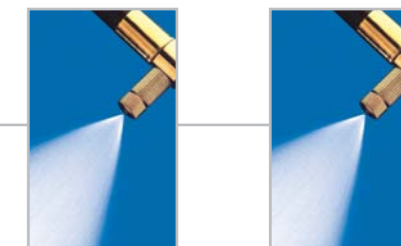
Clear advantages at a glance

- 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®



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.		