

Air Humidification Practice

• Dow Jones News GmbH, Frankfurt a.M. •

Voice and eyes protected



Protecting employees' health and creating a comfortable climate were crucial considerations when selecting a direct room humidification system at Dow Jones News GmbH in Frankfurt.

Employing 2000 business journalists, Dow Jones is one of the world's leading companies in the business and financial news sector. Between 500 and 1000 business news stories are compiled every day at the Frankfurt site and sent via channels such as the „Dow Jones Newswire“ subscription service. The Dow Jones Group sets itself the ambitious goal of providing „Tomorrow's news today“.

Only 20% relative humidity

The demanding role of the business editors involves intensive work with computer screens and a high proportion of time speaking on the telephone. This can cause great strain on their eyes and voice. Getting the room climate right plays an important role in satisfaction and productivity at the workplace. „Right from the time we moved into the new office building, the humidity in particular resulted in repeated complaints from employees“, recalls Bernd Lommel, IT Supervisor at Dow Jones. „The relative humidity was sometimes only 20%, and

our works council received complaints of burning eyes, hoarseness and difficulties swallowing, along with requests to find a solution to the problem“.

Completely trouble-free

Since 2009, the office has enjoyed direct-room humidification in form of the DuoPur air humidification system, which was developed specifically for the requirements of office applications. Small NanoFog air humidifiers create a micro-fine spray mist in the office area, thus ensuring a constant 50% humidity throughout the year. Alongside the digital [DRAABE NanoFog](#) control unit, the complete system features a special water treatment system, which guarantees 100% safe and hygienic operation of the system. The complete system also includes six-monthly services, regular updates and a life-long guarantee at a fixed monthly price. „The installation and operation of the system have been completely problem-free and have really impressed us. Our employees are enjoying the fresh room climate and there are no more complaints“, says Bernd Lommel.

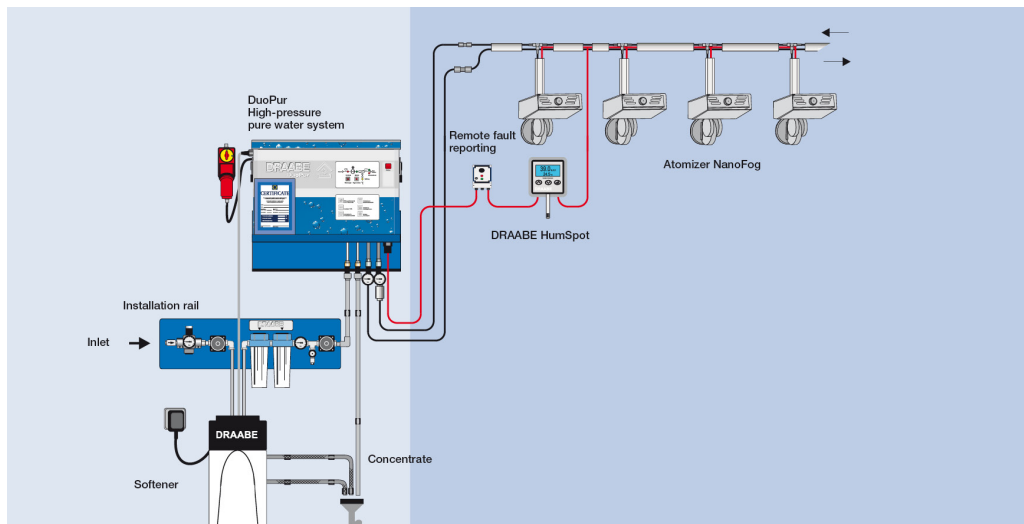


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DRAABE High-Pressure Humidification

•Dow Jones News GmbH•

Schematic diagram of the DRAABE DuoPur 2-in-1 system:



Pure water/high-pressure unit:

5 DRAABE DuoPur high-pressure pure water systems (2-in-1 systems)

Humidification system:

High-pressure

20 NanoFog atomizers (3 kg/h)

Open-plan offices:

Number of floors: 3

Humidification zones: 5

Room volume/zone: approx. 1.700 m³

Height: 3 m

Humidity required:

50% relative humidity

Installation:

April 2009

Benefits of optimum humidity:

- Fewer employees off sick due to healthier room climate
- Higher productivity due to enhanced level of comfort
- Fewer cases of voice and eye-related problems
- Less dust in offices and working areas

Benefits of the DRAABE DuoPur complete system:

- Cost-effective high-pressure air humidification
- Full-service rental for the complete system
- Low installation costs
- Lifelong guarantee
- 100% hygienic
- Easy to expand

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