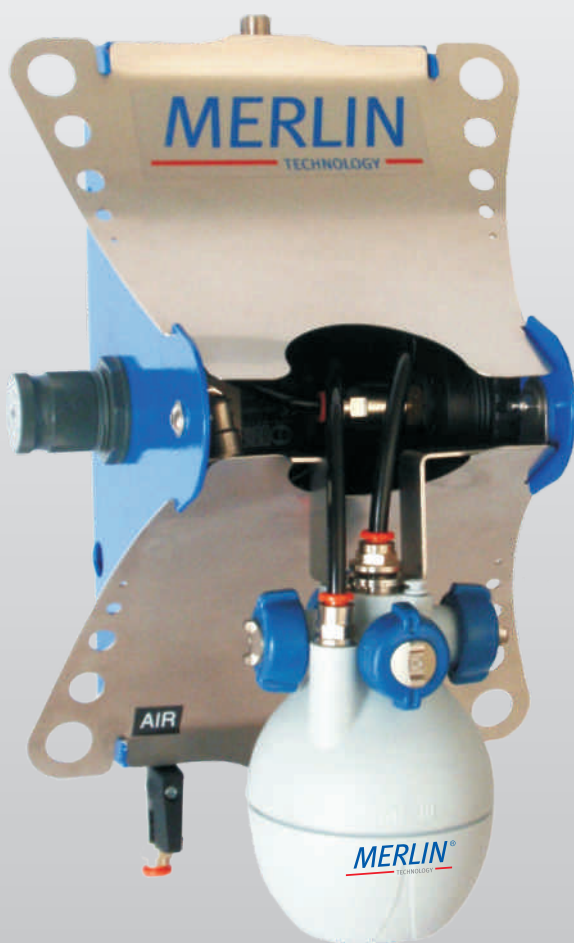


Humidification System IQ

Optimal room climate by Micro-Atomisation



Healthy climate change

Features and equipment

- Micro atomisation of drinking water
- Compact construction
ease of self installation
- Humidification capacity variable
from 625 up to 2.500 m³ ambient air (4,5 - 18 l/h)
suitable for smallest rooms -
specific humidity supply
- Modular construction
simply expandable by adding or removing of
quick change nozzles
- Humidity sensor control mechanical or digital
- Ceiling or wall mounting
adjustable to any room constellation

Innovation by passion

Printing

Productivity improvements in:

- Printability
- Runnability
- Toner & ink adhesion
- Detail reproduction
- Raster & edge sharpness

Wood

Productivity improvements in:

- Painting / surfaces
- Use of water soluble paints
- Gluing
- Veneer and solid wood productions
- Indoor climate

Printing

Error reduction in:

- Electrostatics
- Conductivity
- Waviness
- Shrinking
- Curling

Wood

Error reduction in:

- Open veneer connections
- Dimensional tolerance at solid wood
- Fine dust in the ambient air
- Status of employee's illness
- Electrostatic charging



Ensure your productivity and profit through **Humidification by Micro-Atomisation**

IQ - the energy-saving compressed-air humidification system



Compressed air humidifier in compact construction for wall or ceiling installation. Inclusive pressure control valve, manometer, magnetic valve and humidity control.

The humidifiers could be equipped with max. 4 pcs. quick-change nozzles (type SU 4.5). This unique nozzle construction ensures even water evaporation over the whole pressure range.

The water amount becomes adjusted by a pressure control valve.

Humidity regulation is selectable either by a mechanical hygrostat (adjustable from 30% - 100% rel. humidity) or by an external electronic control unit with digital display and sensor probe (adjustable from 0% - 100% rH).

The humidification unit is suitable for self installation by the client!



*Optional: nozzle adapter

Patented quick change humidification nozzle (type SU 4.5):

Capacity of each nozzle 4,5 liter per hour.

Air consumption approx. 55 NI/min each nozzle at 4,8 bar

Droplet size approx. 12 Micron.

*Optional: nozzle extension adapter (picture)

Humidification capacity variable up to 2.500 m³ air (4 nozzle) without exhaust.

Nozzle arrangement :

According to the client requests the units can be adapted to almost any plant situations.

The compact humidifiers can be supplemented fast and simply with more nozzles (max. 4 pcs. per unit). The quick-change system makes it very easy.

