Efficient atomization by mixing liquid medium and gas.

- Internal mixing principle (a mixing chamber inside the nozzle combines a gas and a liquid to produce an intensive two-phase mixture)
- Extremely fine atomization with good control behavior
- Large clear cross sections
- Lower air consumption than for nozzles with external mixing
- Maintenance-free operation

Applications:
Gas cooling, humidification, flue-gas desulfurization, absorption.

The large free cross sections of the nozzle permit maintenance-free operation even for atomization of viscous and abrasive media with high solids load.

Other sizes available on request

Small spray angle (15°), suitable for small cross sections and horizontal channels

Very large turn down ratio of 20:1 (in some cases up to 40:1)

Adjustment of the droplet spectrum by changing the air/liquid ratio

Very fine droplet spectrum

Clog-resistant thanks to large free cross sections without internal fittings

Typical pressure range
Liquid 1–6 bar, ü
Atomizing air 1–6 bar, ü