

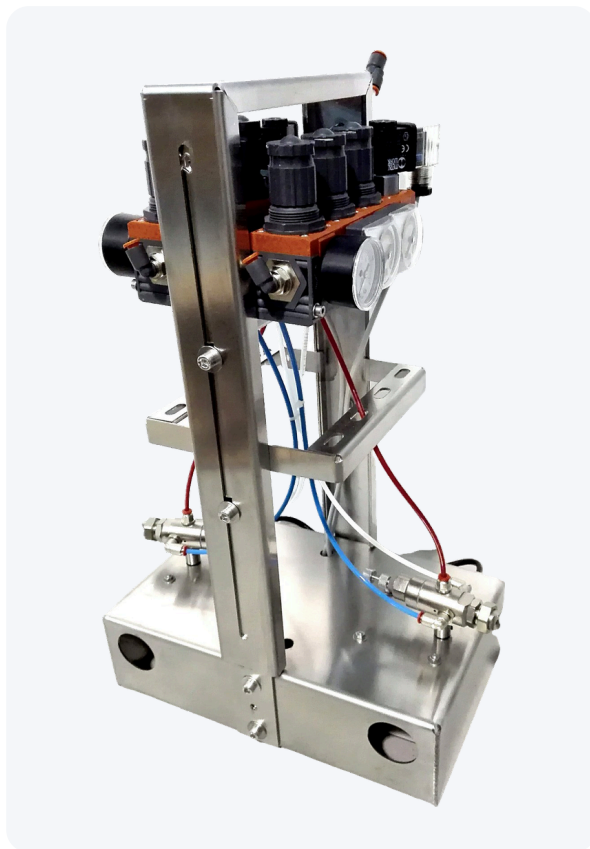
HUMIDIFICATION · DRY FOG

HUMY CEILING 360°

360° ceiling-mounted humidification for large production areas

HUMY CEILING is Nuova Rimates' ceiling-mounted humidification system. Its dry fog technology raises the relative humidity of the air quickly, without wetting machines, yarns or floors.

Two motorised nozzles cover a full 360°, making the system ideal for large spaces such as weaving, winding, knitting, spinning and narrow-fabric mills, with low investment and maintenance costs.



Why humidity control matters

Air that is too dry harms every textile process, from carding raw fibres to knitting machines and looms. Correct, stable humidity improves product quality, reduces defects and increases machine productivity.

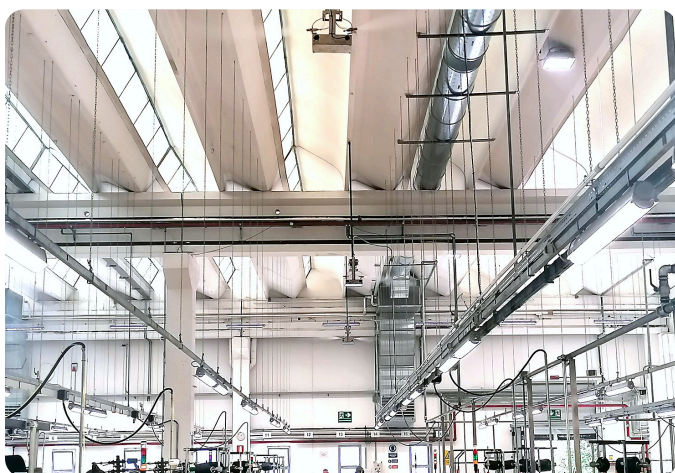
Benefits

- Fewer yarn breaks thanks to higher yarn tenacity during processing
- Less static electricity in the air and on textiles
- Dust and airborne fibres are brought down
- Commercial weight of textiles is preserved
- Better dimensional stability of fabrics and knits
- Cooler working environment

System components

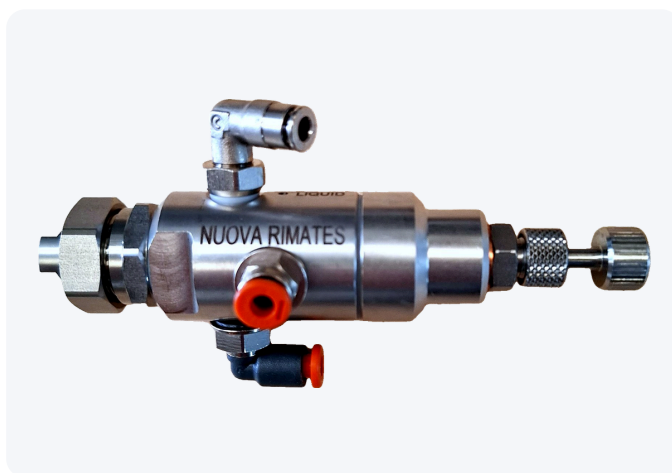
- 2 self-cleaning dry fog nozzles (water consumption up to 14 l/h)
- 2 stepper-motor drivers: each nozzle sweeps up to 180°, for 360° total coverage
- 2 air/water regulation units with 2-micron water filter
- HRP electronic controller, ready for a humidity sensor
- Ceiling bracket, driver cables and humidity sensor (on request)

Installation is simple and inexpensive.



Technical data

Technology	Dry fog
Nozzles	2, self-cleaning
Coverage	360° (2 × 180°)
Water consumption	up to 14 l/h
Water filtration	2 micron
Control	HRP controller, optional humidity sensor



Applications: Weaving · Winding · Knitting · Spinning · Narrow fabrics · Printing