Two-fluid Dry Fog Humidifier

◆ Product Description

The two-fluid dry fog humidifier adopts air-water two-fluid mixed atomization technology, generating ultra-fine droplets of 5-10μm. It can evaporate quickly for humidification without wetting equipment or the ground, eliminating condensation issues. Energy-saving and efficient with lower air consumption, it features easy installation and can be equipped with temperature and humidity sensors to achieve automatic control. Widely applicable in textile, electronics, breeding, food preservation and other scenarios, it effortlessly maintains a stable and suitable humidity environment.

- Air-water Two-fluid Mixing Atomization
- High-efficiency and Energy-saving Design
- Easy Installation
- Stable Operation
- Suitable for Multi-industry Applications

◆ Typical Product Data and Physical Properties

Housing: High-strength flame-retardant plastic, impact-resistant and UV-protective.

Operating temperature: -10℃ to +60℃, suitable for extreme climates.

Power rating: 2.5kW to 10kW.

Weight: 9kg to 50kg.

Protection class: IP54 (dustproof and splash-proof), suitable for outdoor construction environments.

◆ Product Structure

- The two-fluid dry fog humidifier is mainly composed of an air circuit system, a water circuit system, atomizing nozzles, a control module, and installation connectors. The air circuit and water circuit deliver compressed air and clean water through independent pipelines, achieving gas-liquid mixing and atomization at the atomizing nozzles. The control module can adjust the air-water ratio and atomization volume. With a compact overall structure and tight connection between components, it balances easy installation and stable operation.

Availability:

Material Code	Product Name	Weight	packing
1.4.24.01.0861	Two-fluid Dry Fog Humidifier	28KG	1pcs/CTN

◆ Typical Applications

- The two-fluid dry fog humidifier, leveraging the advantages of ultra-fine droplets, non-wetting property, and precise humidity control, is widely applied in industrial production scenarios such as electronics, textiles, and food (addressing needs including static elimination, moisture retention, dust reduction, and product quality assurance), agricultural and forestry fields like edible fungus cultivation and large-scale breeding (facilitating precise humidity control and improving growth and breeding environments), as well as special scenarios such as commercial fogscape creation and ancient book protection in museums, fully meeting the core humidity regulation needs across multiple fields.

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data is for reference purposes only.