# TEXTILE DUCTS

TEXI PULSE

The textile ducts **Texi Pulse** has been designed for average speed diffusion (4 < V < 10 m/s). This diffusion is ensured through diffusing slots custom-made for your project by our aeraulic engineering department.
This solution, based on the induction principle, ensures uniform distribution of clean supply air within the space and reduces thermal stratification.
Depending on the environment and installation layout, the Coanda effect can also be leveraged to enhance jet stability and improve ambient uniformity in sensitive zones.
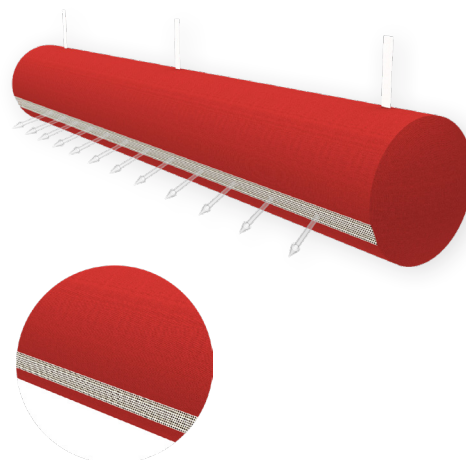
AVANTAGES

- Optimized comfort: homogeneous air diffusion and controlled throw distances

- Possibility to use the Coanda effect, depending on the architectural configuration, to increase jet stability or throw.

- Ideal when aiming for throw distances not exceeding 7 m with high airflow rates per linear meter (>500 m³/h/ml)

- Easy cleaning

TECHNICAL CHARACTERISTICS

Diffusion principle	Mixing diffusion: through porous slots
Filtration	Recommended
Air treatment	Cooling, heating, ventilation
Height	from 4 to 10 m
Air throw	From 3 to 7 m
Discharge velocity	From 4 to 10 m/s
Color	Available in a range of color finishes

ISO 9001 14001 Certified

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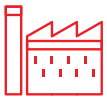**F2A**
Manufacturer
Air handling components

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APPLICATIONS

Cooling in food industry
- Cheese draining and ripening rooms
- Process and packaging areas for meat, poultry, fish, and seafood sectors
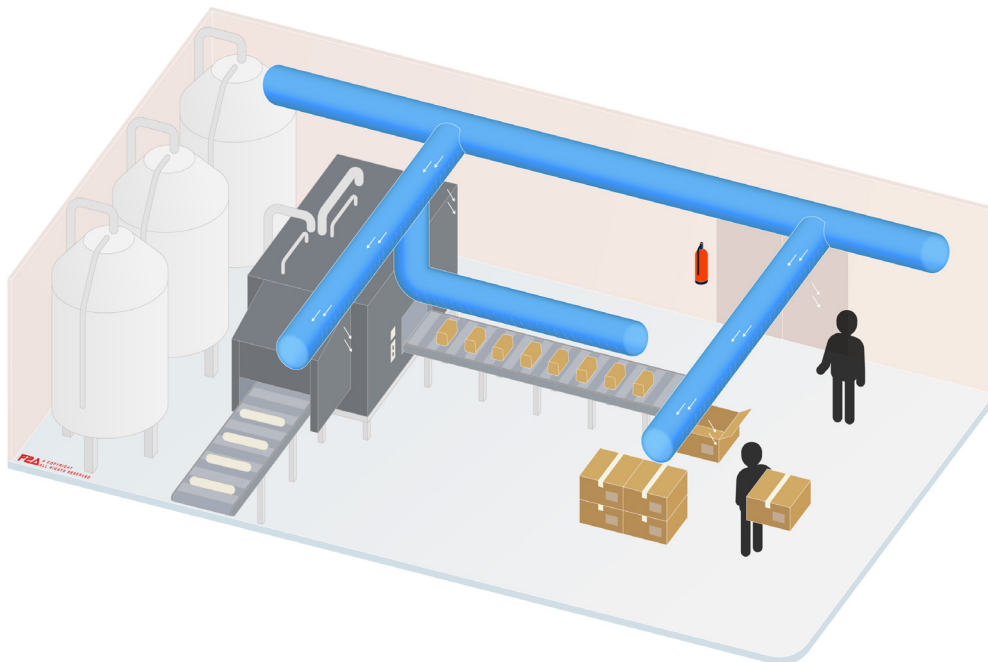- Storage rooms

Cooling of average height industrial premises (H < 5 m)
- Automotive industry, mechanical industry, and aeronautical industry
- Electronics sector
- Surface treatment processes

Heating of large volume and low industrial premises (H < 4 m)
- Production workshops
- Industrial workshops
- Storage facilities

LIMITS OF USE

- The sizing of the ductwork and of the ducts (quantity, length, slots plan) must be set at the beginning of the project.
- Difficult to ensure an adequate comfort level in reversible mode, particularly in high-ceiling spaces (H > 4 m), where temperature differentials (ΔT) are significant, both in cooling and heating modes.
- Not available in M0 (Euroclass A2-s1,d0) fabric, but compatible with all other fabric types.

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