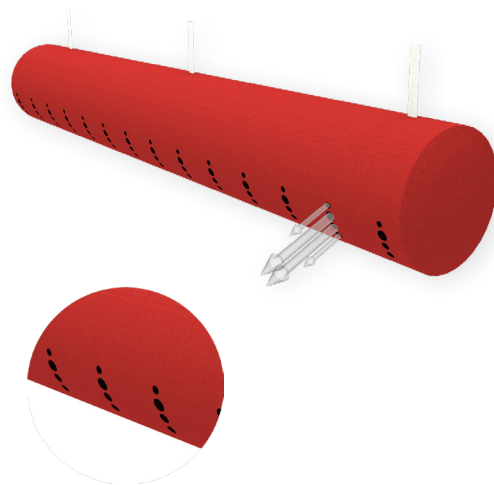


# TEXTILE DUCTS

## TEXI JET

The **Texi Jet** textile duct has been designed for high air velocity diffusion ( $7 < V < 15$  m/s). This diffusion is ensured through rows of perforations designed for your project by our air management engineering department.

This method based on high air induction (rate  $> 20$ ), offers an excellent air distribution efficiency (heating and cooling) combined with the control of residual speed, avoiding any « air draught effect ».



### ADVANTAGES

- Very high induction rate:  $> 20$ , ensuring strong air entrainment and rapid mixing with room air.
- Optimized comfort through precise control of residual air velocities, providing excellent occupant comfort even under significant supply-to-room temperature differences ( $\Delta T$ ).
- Proven efficiency for heating high-rise buildings ( $H > 8$  m) thanks to strong vertical air mixing and enhanced thermal stratification control.
- Particularly suitable for heating and cooling applications in spaces requiring high comfort levels and uniform temperature distribution, with installation heights between 4 and 8 m.
- Capable of meeting heating loads up to  $200 \text{ W/m}^2$  and cooling loads up to  $300 \text{ W/m}^2$ .

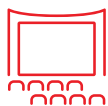
### TECHNICAL CHARACTERISTICS

Diffusion principle	High-induction air diffusion through perforations
Filtration	Recommended
Air treatment	Cooling, heating, ventilation
Height	from 4 to 10 m
Air throw	From 1 to 12 m
Discharge velocity	From 7 to 15 m/s
Color	Available in a range of color finishes

# TEXTILE DUCTS

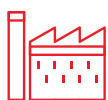
## TEXI JET

### APPLICATIONS



#### Public-access facilities

- Large and medium retail outlets
- Exhibition halls, performance venues
- Sports halls, and gymnasiums..

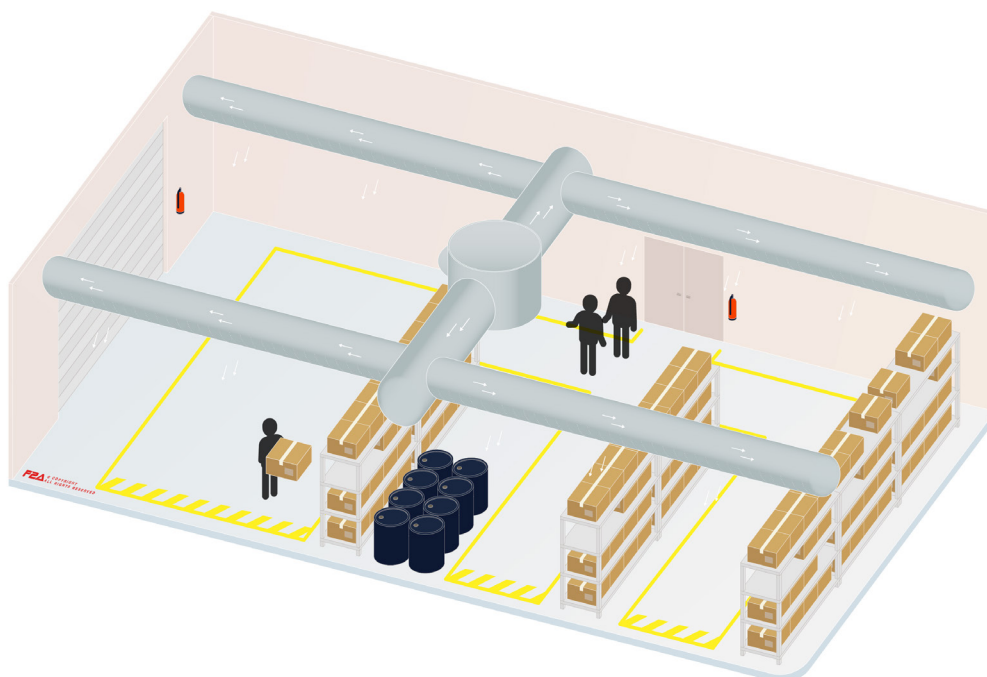


#### Industrial facilities for critical production

- Printing plants
- Electronics,
- Metallurgy,
- injection molding..



#### High-height warehouses and logistics zones



### LIMITS OF USE

- The sizing of the ductwork and of the ducts (quantity, length, perforation plan) must be set at the beginning of the project.
- To be avoided for low height premises ( $H < 4\text{ m}$ )