



Over 30 years' experience
in manufacturing textile ducting

French leader in textile air ducts and diffusers



Air-conditioning
Cooling
Transporting treated air Refrigeration
Ventilation
Space heating

Aéro Textile Concept, technology one step ahead
design – manufacture – maintenance

The benefits of textile ducts

**GUARANTEED
AIR-FLOW
LEVELS**

- ▶ Linear diffusion, made-to-measure and suited to all types of premises
 - ▶ An economic solution
 - ▶ Rapid installation for both ducting and diffusers
 - ▶ Light-weight
 - ▶ Unmatchable hygiene for your networks
- ▶ A design product: Digital printing and an unlimited range of colors



AIRNÉO *by ATC*

Range AIRNÉO	REFERENCE	GOLD	FIRST	CLASSIC
TEXTILES	Polyester range from 90 to 220 g per m ²	Coated glass fabric range to MO or equivalent specifications 450 g per m ²	Polyester range 220 g per m ²	PVC coated fabric range 420 g per m ²
SPECIFICITIES	Design, ATEX requirements, antibacterial, antistatic	Non-combustible	Low porosity, long distances	Resistant to water and chlorinated atmospheres

APPLICATIONS				
Food-processing	✓		✓	
Industry	✓		✓	✓
Logistics warehouses / storage	✓		✓	✓
Shopping centers	✓	✓	✓	
Public building	✓	✓	✓	
Clean rooms / laboratories	✓		✓	
Tertiary activities	✓		✓	

A range of products:

- ▶ modular
- ▶ economical
- ▶ hi-tech
- ▶ made-to-measure
- ▶ certified
- ▶ high-performance

Different types of diffusion

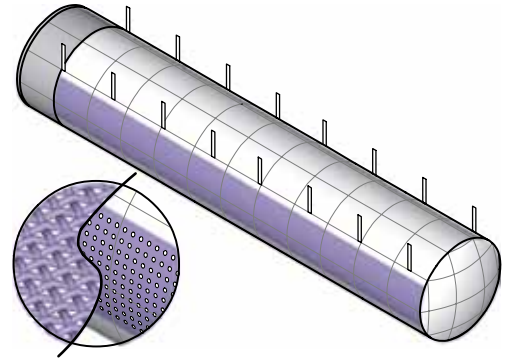
RADIANT

THE PRINCIPLE

Low-speed air dispersion (0.2 to 1 m per sec.) through a porous fabric surface

BENEFITS

- Short air-dispersion range from 2 to 4 m
- Comfort (no or very little draught)



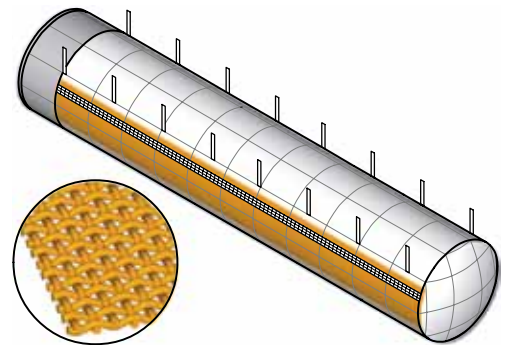
IMPULSION

THE PRINCIPLE

Medium or high-speed air dispersion (from 2 to 7 m per sec.) through woven wire strips

BENEFITS

- Air-dispersion range from 3 to 8 m
- Less diffusers required for the area



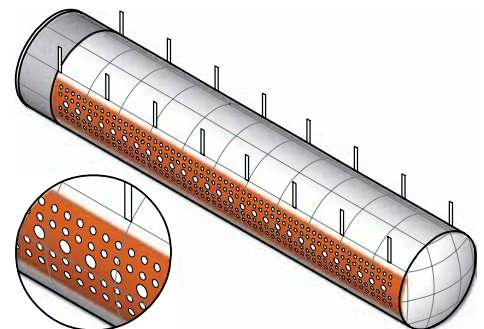
ENERGY

THE PRINCIPLE

Medium or high-speed air dispersion via calibrated openings (from 8 to 30 m per sec.)

BENEFITS

- Air-dispersion range from 4 to 30 m
- Ideal for use with reversible units, even with high temperature gradients



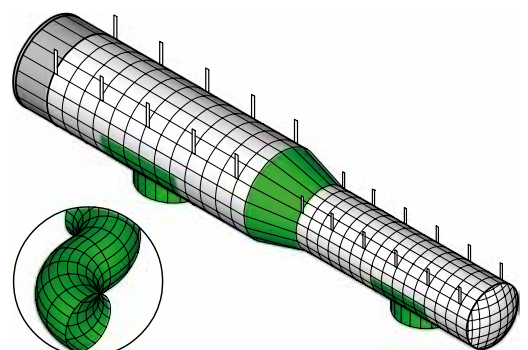
HERMETIC (non-diffusing)

THE PRINCIPLE

Diffusers for transporting air

BENEFITS

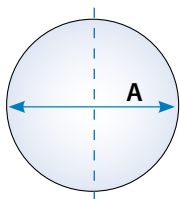
- Sounds are damped
- Minimum support structures are required



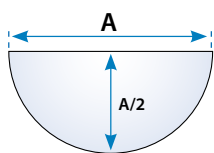
Options and accessories: choice, reliability and ease-of-use

A WIDE RANGE OF SHAPES

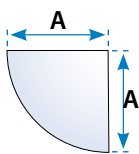
Circular



Semi-circular



Quarter-circular



VARIOUS SUSPENSION SYSTEMS

Cables (Galvanized/Stainless)



Rail (Aluminum Twist'n Fix)



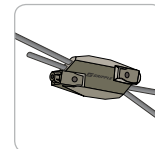
Profile (PVC)



Miscellaneous supports



Gripple



FABRICS AND COLORS

A wide range of standard or custom colors can be incorporated into **AIRNÉO** by ATC. You can custom-build your networks: Special shades, shapes, marking, etc.

RAL standard colors



Why choose textile ducting rather than traditional sheet-metal ducting?

Savings in all respects

30 %

savings on installation work

- ▶ their low weight makes them easy to fit. It reduces handling requirements, the number of support brackets needed and fitting times.

Between

20 and 40 %

savings on transport costs

- ▶ with a weight of 80 to 500 g per m² (compared with 4 to 11 kg for traditional sheet-metal ducting), our ducts are lighter to transport.

Between

10 % and 20 %

in energy savings

- ▶ the high induction, linear and homogenous effect of our ducting reduces air-mixing and temperature differences.

Ducting suited to all types of use

FOOD-PROCESSING



PUBLIC BUILDINGS



INDUSTRY / LABORATORIES



LOGISTICS



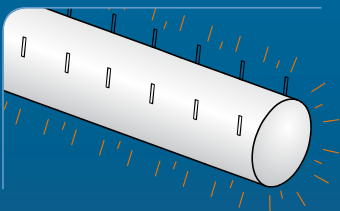
SPECIAL EVENTS



TERTIARY ACTIVITIES

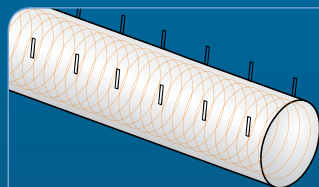


Discover the innovations in the **AIRNÉO** range



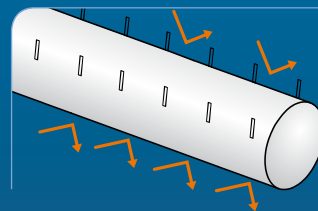
AIRNÉO Lumen

Light sources can be incorporated for highlighting your advertising messages. Ducting can provide extra lighting in your premises.



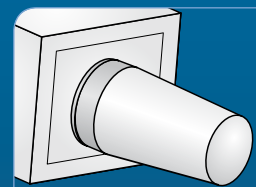
AIRNÉO Curve

With its hooped structure, this duct keeps its circular appearance even when it is not in use.



AIRNÉO Isotex

This duct meets air-transport requirements by limiting heat-losses and condensation.



AIRNÉO Warm up

A textile de-icing sleeve, designed to cover the refrigeration unit outlet. It reduces de-icing times by 30% and avoids any emission of moisture into the atmosphere.



Know-how recognized both
in France and internationally
approved by deciders in all types of activity

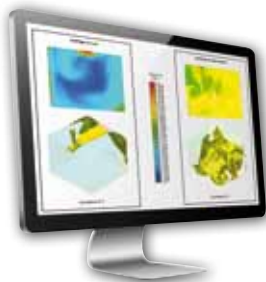
- ▶ Thermal and fluid design offices
- ▶ Refrigeration and air-conditioning installers
- ▶ Manufacturers of air-treatment machines
- ▶ General contractors
- ▶ Architects
- ▶ Users



From design through to maintenance

Long-term assistance:

➤ Before



AIRNÉOEXPERT

Recommendations
and technical expertise

- ▶ Determining the best-possible technical / economical solution
- ▶ Designing networks and calibrating diffusion
- ▶ Using sizing tools
- ▶ Simulating flows and modeling results before manufacturing

➤ During



AIRNÉOFAB

Design and Manufacture
of the products

- ▶ Drawing up 3D plans of networks
- ▶ Continuously developing production tools for guaranteeing flexibility, quality and economical products.
- ▶ Keeping a techno-watch (tools, fabrics, regulations, etc.) to meet international requirements
- ▶ Testing our products (test-bench)

➤ After



AIRNÉOPLUS

Servicing and maintenance



- Washing
- Bacteriological analysis
- Technical control
- Repairs
- Replacement units
- Modifications



For more
details
Scan this
code with your
Smartphone

Contact us:



Head offices

AÉRO TEXTILE CONCEPT
3, rue de l'Industrie - 69530 Brignais
Phone: (33) (0)4 78 05 35 54
Fax: (33) (0)4 78 05 36 24
info@aerotextile.com

Mexican subsidiary

Bld. Diaz Ordaz #1666
Col. Santa Julia
CP 36667 Irapuato, Gto. Mexico
Phone: +52 (462) 626 0123
Fax: +52 (462) 627 0301

www.aerotextile.com