



2018

For more information, contact:



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Soft Ducts
& Diffusers



SoftDucts, LLC.
AIR FLOW
OPTIMIZERS
By DTI

Why Soft Ducts

100% washable; having a clean air is one of our top priorities. We have a wide variety of colors available. Soft Ducts are easily adjustable for any requirement, immune to oxidation and corrosion.

A Soft Duct system is a suitable option for several reasons. Mainly the initial investment will be lower than a traditional rigid distribution ducting. Soft Ducts are highly resistant to acid environments and UV radiations. Regarding security they are fire resistant, highly hygienic, all of our products have an antibacterial application, also they are

Mounting is one of our strength because they are light weighted. Air dispersion is done in a uniform matter supplying the space efficiently.

Every project is unique. We are capable to deliver an optimum solution considering the needs and wants of our customer and final user. Every project is tailor made.



Advantages

Soft Ducts

VS

Metal ducting



3-6 hrs

Mounting

2-3 weeks



1 or 2 people

Labor Requirement



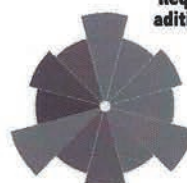
15 to 20 people



Wide variety of colors

Color

Requires an additional cost



Cheaper and safe

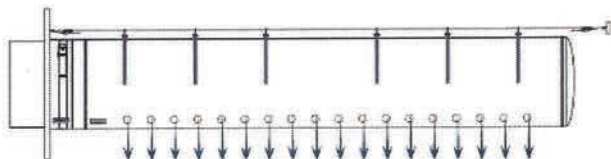
Shipping

More space and more expensive



Air Dispersion

The entire Soft Duct System is a diffuser, air can be supplied to the occupied space in a more efficient and uniform pattern. Thanks to uniform dispersion, we can avoid draughts or areas starved of supply air, compared to metal ducting that diffuse only in specific points.



Product Main Characteristics



Circular



Half-Circle



Quarter-Circle



Elliptical / Membrane



Sphere

Diffusion Selection

Diffusion in a Ductwork is the air outlet of the system to the space
There are two classifications. High range and Low range



Iner Jet.
by dti
Height over 8 mts.
Textile nozzels.



Multi Flow.
by dti
Height between 4 and 8 mts.
Orificies.



Laser Flow.
by dti
Micro laser perforations.
Velocity between 0.1 and 0.5 m/s.



Uni Flow.
by dti
Height under 5 mts.
Mesh.

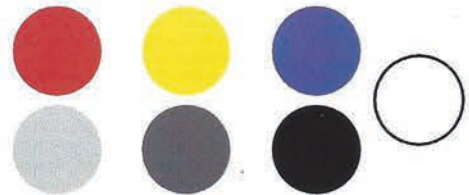


Perma Flow.
by dti
Low heights.
Permeable fabric.

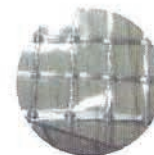
Soft Duct-Material



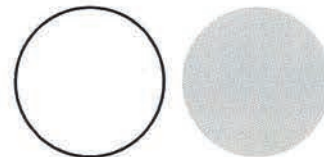
Benelux is elaborated with polyester fibers what turns it a suitable material for industrial facilities, because of its durability. It is a 100% washable material and it satisfy the hygienic industry standards with its antibacterial treatment.



It's an ergonomic material which offers easy and fast installation and achieves an unmatched hygiene. Its ventilation system is design to meet the high demands in the industry, the union of the material CRYSTAL LINE is based on high frequency welding.



Benelux is elaborated with polyester fibers what turns it a suitable material for industrial facilities, because of its durability. It is a 100% washable and lighter material, it satisfy the hygienic industry standards with its antibacterial treatment.

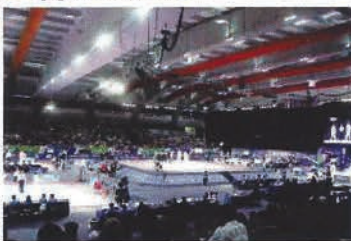


Mounting Location

AIR FLOW Soft Ducts are installed by three different mounting systems:
Hooks, Rail, an additional to the support system rings are available.



Applications





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