

Offices



Restaurants Cafeterias



Kitchens



Auto Repair



Please John figure out a text here Air Displacement



Recording Studios require NO noise

Although FabricAir® Dispersion Systems are regarded “noise free” in general, FabricAir® build special LowNoise™ solutions with noise levels down to NC-15.

Recording studios, television studios, churches, museums, libraries and other similar applications benefit from low-noise air dispersion systems.

Ask for LowNoise™.

Industry



Exhibition Halls



Schools



30

Proven Performance

Over the last 30 years FabricAir® has supplied more than 75,000 jobs with FabricAir® ducts. In total more than 25 million feet of ducts. We call it *proven performance*

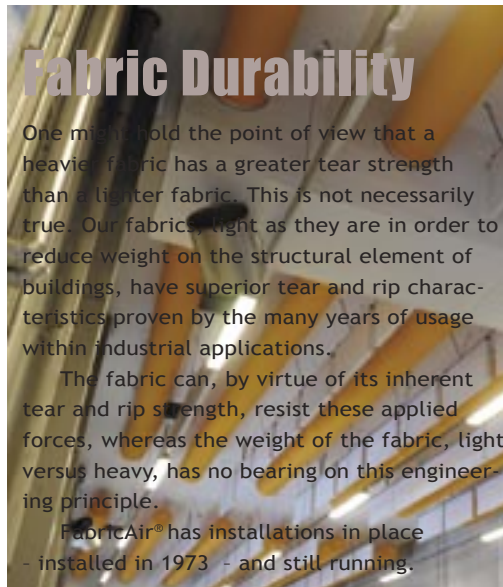
Food Storage



Cold Storage



Meat Processing



Graphical Industry



Fabric Durability

One might hold the point of view that a heavier fabric has a greater tear strength than a lighter fabric. This is not necessarily true. Our fabrics, light as they are in order to reduce weight on the structural element of buildings, have superior tear and rip characteristics proven by the many years of usage within industrial applications.

The fabric can, by virtue of its inherent tear and rip strength, resist these applied forces, whereas the weight of the fabric, light versus heavy, has no bearing on this engineering principle.

FabricAir® has installations in place - installed in 1973 - and still running.

Proven Performance

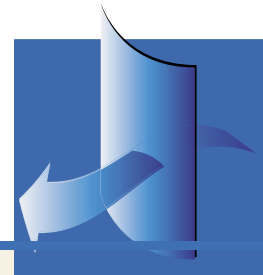
Over the last 30 years FabricAir® has supplied more than 75,000 jobs with FabricAir® ducts. In total more than 25 million feet of ducts. We call it

proven performance

Food Processing



Temporary Structures Showrooms



Fabric Permeability

Ducts can be made from either permeable or non permeable fabric.

In order to manufacture fabric ducts that are suitable for a wide range of air flow demands, we offer six different permeabilities for permeable fabrics.

Non-permeable fabric ducts deliver air to the conditioned space through orifices or air directional nozzles and do not rely on the “leakage” technology. We recommend permeable fabrics when supplying cold air, as condensation cannot settle on the permeable area of the duct. Heated air and air for ventilation is normally supplied through ducts made with non-permeable fabrics.

The permeability of a fabric is an expression of the air leakage rate and is normally shown in cfm/ft^2 at a specified duct static pressure, normally 0.5 InWG.

Our permeable fabrics have a guaranteed maximum deviation of 5%.

- no other manufactures can guarantee this.

FabricAir® Trevira CS



WARRANTY

10 years non-prorated Warranty gives you peace in mind about duct longevity.



PERMEABLE FABRIC

Available in 5 permeabilities.



NO CONDENSATION

Full duct surface air leakage prevents condensation settling on duct even during extended cooling temperature differences in high humidity areas.



FLAME RETARDENCY

The fabric is flame retardant.



FULLY WASHABLE

Oil and water repellent and fully washable fabric ensures top class hygiene and IAQ improvement.



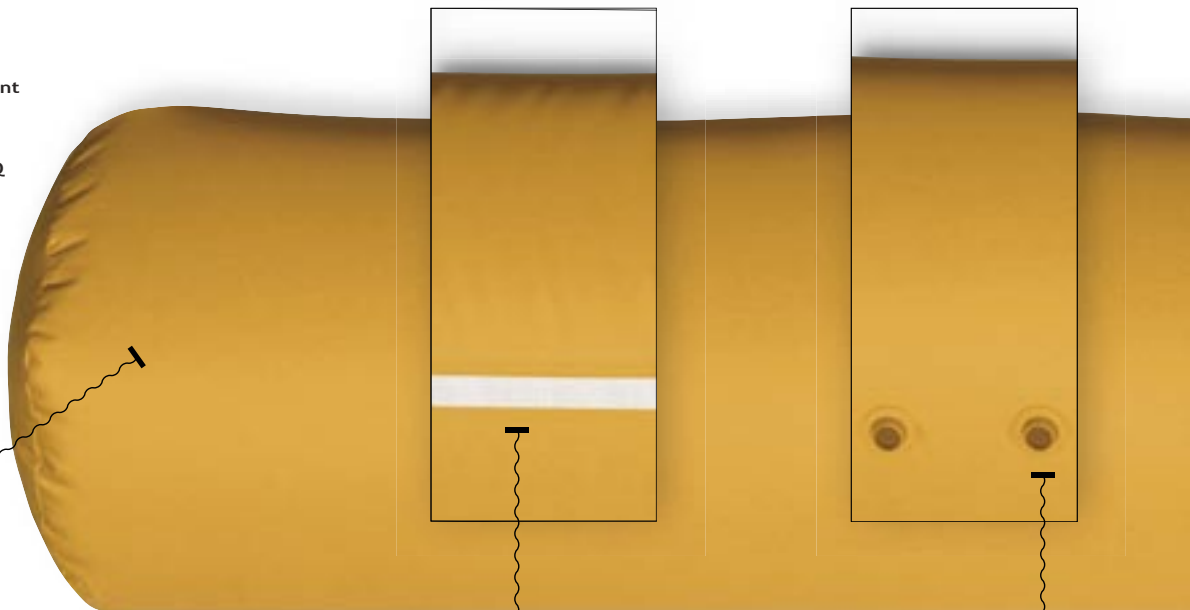
FLOW MODEL: FabFlow™

Air exits gently from the duct surface.

FabricAir® Trevira CS is our signature fabric with a long history of success in many spheres of HVAC applications. Originally conceived some 30 years ago, the product has undergone a significant number of improvements making it the first choice of professionals who recognize its contribution to a successful air distribution system.

In its fundamental form, using the FabFlow™ configuration, the duct gently breathes the conditioned air through the full permeable fabric surface ensuring a gentle exit velocity, guaranteeing a virtually draught-free supply to the occupied

zone. To achieve a wider spread of air, the MeshFlow™ option can be selected as an integral part of the duct. Air leaves the mesh fabric of the linear slots at a medium velocity with extended the throw. Long throws and high air velocities are achieved by selecting the NozzFlow™ option. This flow model ensures a thorough mixing of air in the zones of the conditioned space.



FLOW MODEL: MeshFlow™

Air exits at a medium velocity from the linear vents.



FLOW MODEL: NozzFlow™

Air exits at high velocity from the air directional nozzles.



FLOW MODELS AVAILABLE

Find guide to select flow model at page 31.



FabFlow™

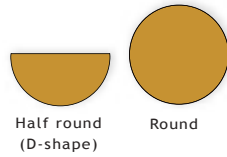


MeshFlow™



NozzFlow™

DUCT PROFILES AVAILABLE



Half round (D-shape)

Round

STANDARD COLOURS AVAILABLE

Standard Colour Scheme Combination

White 1000	Blue 1001	Orange 1002	Gray 1003	Black 1004	Red 1005

ACCESSORY COLOURS

Accessory colours used when combined with a standard fabric colour



Nozzles



Sliders



Hooks



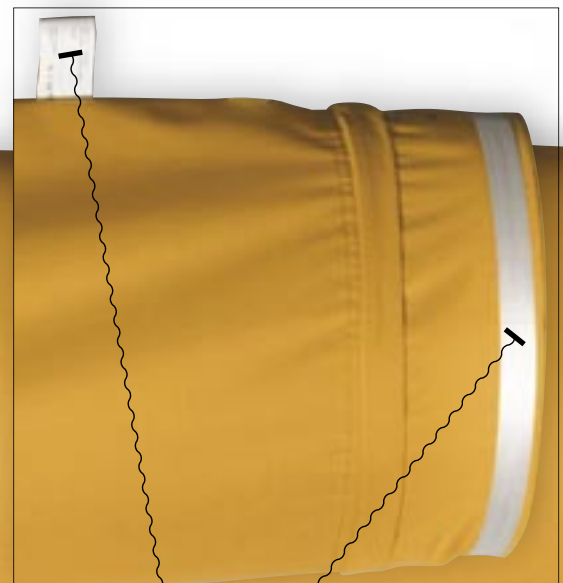
Mesh

The color reproductions shown are meant as a guideline only, as it is impossible to show the exact colors in printing. Please call FabricAir if you require an exact color sample.



ZIPPERS

Heavy-duty industrial zippers; neatly folded under an extra seam, separate individual duct lengths.



TAG NUMBERS

Individual duct lengths are fitted with unique tag numbers, making installation and tracking of duct systems easy.

SAFE MOUNTING

Fabric ducts connect onto sheet metal systems secured with a pinch-down duct belt

FabricAir® Basic



WARRANTY

5 years non-prorated warranty.



PERMEABLE FABRIC

Available in 5 permeabilities.



NO CONDENSATION

Full duct surface air leakage prevents condensation settling on duct even during extended cooling temperature differences in high humidity areas.



FLAME RETARDENCY

The fabric is flame retardant.



FULLY WASHABLE

Oil and water repellent and fully washable fabric ensures top class hygiene and IAQ improvement.



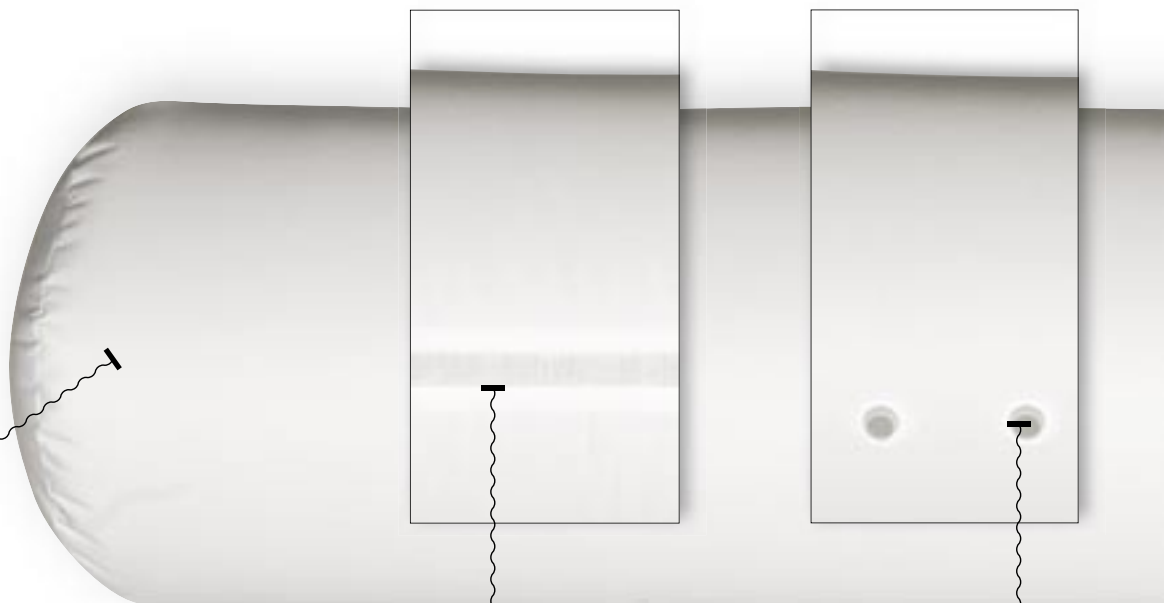
FLOW MODEL: FabFlow™

Air exits gently from the duct surface.



FabricAir® Basic is a cost effective air distribution system for general HVAC applications. Building on the success of its predecessor this product finds itself at home both in comfort applications and commercial and industrial projects. In its basic form, using the FabFlow™ configuration, the duct gently breathes the conditioned air through the whole of the permeable fabric surface ensuring a moderate exit velocity, and guaranteeing virtually

draught-free conditions in the occupied zone. To achieve a wider spread of air, the MeshFlow™ option can be selected as an integral part of the duct. The air leaves the mesh fabric of the linear slots at a medium velocity extending the throw. Long throws and high velocity air are achieved by selecting the NozzFlow™ option. This flow model ensures a thorough mixing of air in the zones of the conditioned space.



FLOW MODEL: MeshFlow™

Air exits at a medium velocity from the linear vents.



FLOW MODEL: NozzFlow™

Air exits at high velocity from the air directional nozzles.

