

DISCOVER FABRIC DUCT VENTILATION



Advantages & Benefits

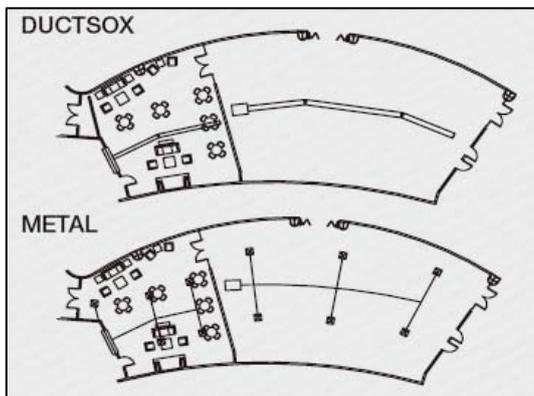
- Superior Air Distribution



- Simple & Easy Installation



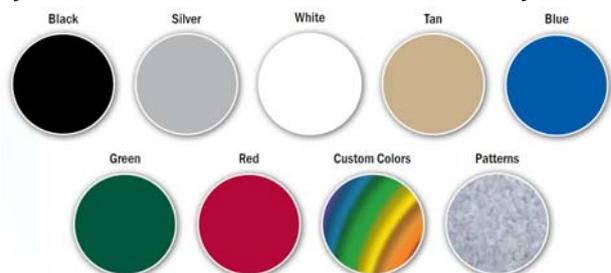
- Simplified Design



Lightweight • No Condensation • Hygienic
 Quiet Air Delivery • Custom Manufactured
 Cost Effective • Lifetime Maintenance

DuctSox is a GreenSpec product listed in www.BuildingGreen.com and a USGBC Member
 Fabrics with 55% Recycled Content

Variety of Standard Colors & Custom Dyes Available





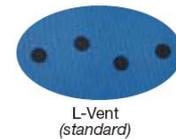
Premium Fabric

- Sedona-Xm™ / Coronado™

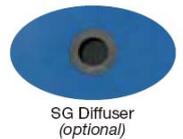
Fabric: Sedona-Xm™ premium grade fabric features an active antimicrobial agent and a matte fabric finish. This new fabric is available in seven standard colors plus custom color matching. Construction features finished seams, positive inlet anchoring system with cover-up sleeve, zippered endcaps and a zippered inlet collar for a DuctSox Final Filter or Adjustable Flow Device. Sedona-Xm fabric is air permeable, machine washable and available with all suspension systems.

Specifications:

Fabric: FR Polyester Twill
Biocide: 1,400 ppm, effective to 10 wash cycles
Weight: 230 grams / m²
Porosity: 10.1 l/s / m² @ 124.5 Pa
Codes: UL Classified, NFPA 90A, ICC/ AC167
Weave: Fire Retardant Polyester Filament/ Filament Twill 55% Recycled Content



L-Vent (standard)



SG Diffuser (optional)



(minimum)

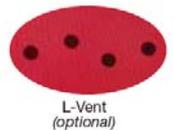
- TufTex™

Fabric: TufTex is a heavy-weight premium grade non-permeable polyester fabric. This heavy duty fabric is woven with a textured and aesthetic finish. Construction features finished seams, a positive inlet anchoring system with cover-up sleeve, zippered endcaps and a zippered inlet collar for a DuctSox Final Filter or Adjustable Flow Device. TufTex is machine washable.

High-Throw & Comfort-Flow

Specifications:

Std Orifice: High Throw
Fabric: FR Polyester Plain (Coated)
Weight: 278 grams / m²
Porosity: none
Codes: UL Classified, NFPA 90A, ICC/ AC167
Weave: Fire Retardant Polyester Plain Weave, Coated



L-Vent (optional)



(minimum)

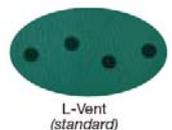
Commercial Fabric

- Verona™

Fabric: The all purpose Verona™ is a woven air permeable commercial grade fabric that offers best-in-class performance and features. Features include finished seam construction, positive inlet anchoring system and a zippered inlet collar for the addition of DuctSox Final Filter or Adjustable Flow Device. Verona comes in seven popular colors; black, gray, white, tan, green, blue, red and custom colors. Verona is machine washable and available with all DuctSox suspension systems.

Specifications:

Fabric: FR Polyester Twill
Weight: 176 grams / m²
Porosity: 10.1 l/s / m² @ 124.5 Pa
Codes: AS/NZS 1530.3:1999, AS4254-2002 Clause 2.8.2, UL Classified, NFPA 90A, ICC/ AC167, UL-C (Canada), BS 5867, Part 2, 1980, GB8624-2006
Weave: Fire Retardant Polyester Filament/ Filament Twill



L-Vent (standard)



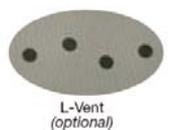
- Duratex™

Fabric: DuraTex is a medium weight, commercial grade nonpermeable fabric. Developed as our most economical polyester based fabric, DuraTex features include an inlet collar with positive inlet anchoring system, zipper inlet collar for the addition of DuctSox Final Filter or Adjustable Flow Device. DuraTex is machine washable and is available with all DuctSox suspension systems.

Comfort-Flow

Specifications:

Std Orifice: High Throw
Fabric: FR Polyester Plain (coated)
Weight: 186.5 grams / m²
Porosity: none
Codes: UL Classified, NFPA 90A, ICC/ AC167
Weave: Fire Retardant Polyester Plain Weave, Coated



L-Vent (optional)



High-Throw & Comfort-Flow

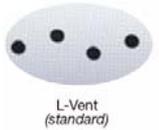
Specialty Fabric

• Stat-X™

Fabric: Stat-X is an engineered polyester based fabric designed for electrically sensitive environments. Stat-X includes ESD (Electro Static Dissipative) yarns woven in a grid pattern approximately 1/4" x 1/4" to dissipate static buildup. Stat-X is a light weight, air-permeable fabric. Construction features finished seams and a heavy-duty inlet collar with positive inlet anchoring system, zipper inlet collar for the addition of DuctSox Final Filter or Adjustable Flow Device. Stat-X is machine washable and available with all DuctSox suspension systems.

Specifications:

Fabric: FR polyester with interwoven ESD yarns
Weight: 98 grams / m²
Porosity: 11.4 l/s / m² @ 124.5 Pa
Codes: UL Classified, NFPA 90A, ICC/ AC167, UL-C (Canada)
Weave: Filament Polyester with Interwoven ESD Yarns

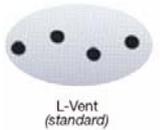


• Microbe-X™

Fabric: Developed for food processing applications, Microbe-X fabric offers a lightweight and highly launderable filament fiber construction. The polyester yarns are also treated with a non-leaching antimicrobial - to control the growth and transmission of harmful bacteria, fungi and molds that can be found in food processing environments. Microbe-X is proven to be effective after 100 wash cycles. Construction features finished seams and a heavy weight inlet collar with an integral DuctBelt and attachment loops. Microbe-X is machine washable and available with all DuctSox suspension systems.

Specifications:

Std: Air Permeable Fabric
Weave: filament polyester weave
Weight: 108.5 grams / m²
Porosity: 28, 60, 92, 133 l/s / m² @ 124.5 Pa
Codes: USDA Approved



Low-Throw & Comfort-Flow

Economy Fabric

• EkoTex™

Fabric: EkoTex is a lightweight, non-porous woven and coated polyester material. EkoTex is the most economical DuctSox fabric and features simple construction including an inlet collar with DuctBelt and Buckle. EkoTex is machine washable and is only available in round shape with Tension Cable or Suspended H-Track Suspension.

Specifications:

Std Orifice: High Throw
Fabric: FR Polyester Plain (Coated)
Weight: 108.5 grams / m²
Porosity: none
Codes: UL Classified, NFPA 90A, ICC/ AC167, BS 5867 Part 2, 1980, GB8624-2006
Weave: Fire Retardant Polyester, Plain Weave, Coated



DuctSox Design

- Supplied From 400mm dia To 2100mm dia.
- To Maintain Proper Inflation And Performance All Ductsox Designs Are Based On 62.25 Pa - 124.5 Pa External Static Pressure And Maximum Inlet Velocity Of 7.1 - 8.13 m/s.
- Each Range Has Selection Of Standard Colours
- Full Engineering & Design Manual Available On Request.

High-Throw

DuctSox Fabric Duct Supplied With:

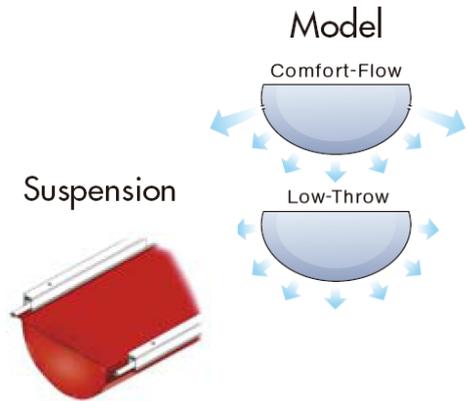
- Zippered Inlet Collar, Endcap And Inter-Connecting Sections.
- Inlet Collar with Ductbelt and Anchors.
- All Fabric Types UL Classified Except Microbe-X™ Range.



System Options

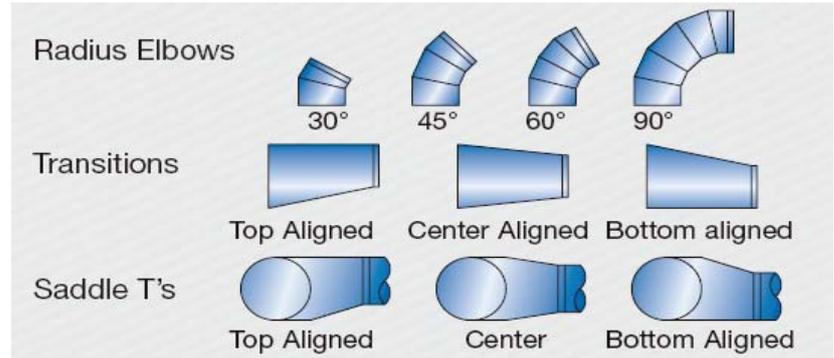
• Surface Mounting

The Surface Mount DuctSox is ideal for low profile applications where flush mounting to the ceiling and/or wall is required and where low ceiling heights are common. The Surface Mount Series has the same flexible design features as the Standard Series DuctSox Systems. To eliminate the risk of condensation, the standard fabric is Sedona-Xm. Anodized aluminum flush mounted tracks are easily anchored to fixed ceiling surfaces or installed to a T-Bar grid system using standard mounting clips provided by DuctSox. The cord-in feature helps maintain an inflated and pleasing appearance even in the deflate mode. Standard diameters are: 355, 450, 550, 575, 750, and 850mm nom. The air inlet to a Surface Mount DuctSox can be either top-down through the ceiling or from the side through the wall.



• Duct Connections

DuctSox Systems can be designed with fittings similar to metal duct work, including many standard zippered fittings and unlimited customization to match any application requirements.



• Flow Control AFD™

Airflow control is critical in HVAC air dispersion. The zip-in Adjustable Flow Device (AFD™) offers variable resistance to balance static regain, balance airflow to branches, reduce turbulence and reduce abrupt start ups. Besides benefits of flow control - the AFD also serves as a flow straightener. The AFD will be preset from the factory to the recommended setting per location, and should not require any field balancing unless otherwise noted.

AFD™ Standard for all Sedona-Xm and TuFTex systems.



LabSox

LabSox Products are “Fabric” Air Dispersion Devices designed for laboratory environments (Vivariums, Pharmaceutical, Research Education, etc.) in critical applications commonly associated with a fume hood or other airflow sensitive equipment (scales, laser, microscope, etc).

Airflow in laboratories is a critical design factor as turbulent air can negatively effect research or even cause hood failure resulting in a compliancy issue. The LabSox advantage is clear as air passes through specialized fabric panels resulting in uniform, low velocity, radially diverging air patterns with little if any turbulence.



Under Floor Sox

UnderFloorSox (UFSox) are DuctSox Fabric Air Dispersion Systems designed to distribute and disperse air to perimeter and high-heat load locations in Under Floor Air Distribution (UFAD) Systems. UFAD is a relatively new and unique method for delivering conditioned air in offices and other commercial buildings. Unlike conventional overhead air-mixing systems, UFAD Systems use the space beneath the raised access floor as a plenum to introduce air into the occupied space, usually through special floor-mounted diffusers. Typical applications that employ UFAD design are in high-tech office and business spaces utilizing cable for voice, power, and data transmission. Benefits are improved employee comfort, productivity & health, reduced energy costs and improved indoor air quality.



Form 5.1_1001