

# DURKEESOX FABRIC AIR DISPERSION SYSTEM



## WHY IS IT GREEN?

- DurkeeSox – NanoSox Air Dispersion System is a flexible ducting system made up of high-tech fabric.
- Its tridimensional air dispersion effect and multi-row orifice design enables more area to be covered and reduces **the quantity of branch ducts, supply air diffusers and grilles** as compared to conventional metal duct systems.
- Fabric permeation feature enables a layer of insulating cold air to form around the fabric duct, preventing condensation. **No additional insulation material is required**, further reducing natural resources.
- Fabric ducts also eliminate the need for a false ceiling to cover up conventional metal duct system. This feature along with its circular shape allows a fabric duct to be sized adequately for low pressure loss, improving energy efficiency.
- Sized adequately, the use of flexible fabric ducts operates at lower velocities. In combination with soft surfaces, it reduces noise generation from a duct.

## PRODUCT FEATURES

- Fabric permeation and multi-row orifice design ensures NanoSox system provide a good thermal comfort, with an **overall even air flow** and precise air throw.
- NanoSox system is **lightweight** and lends itself to new construction and building renovation applications without the need of roof load considerations.
- Quick Installation features use specialized cable or track suspension systems for **faster installation, reduction of construction times** and ensuring that virtually no material is wasted on site.
- CNC Laser cutting machine and system stimulation platform are used in the manufacturing of NanoSox systems, leading to **reliable and quality products**.
- Easy installation and dismantling methods facilitate washing and overall ease of maintenance, providing a **healthy and hygienic** environment.
- NanoSox system can **reduce overall costs** in multiple aspects such as installation time, transportation and material usage.

## PRODUCT CERTIFICATION & COMPLIANCE

UL, TUV, SGS, NFTC

## APPLICABLE GBI CREDITS

NRNC	EE5, EQ13
INC	EE5, EQ14
NREB	EE5, EQ13
IEB	EE5, EQ14
INTERIORS	EQ11

## PRODUCT RATINGS



## COMPANY DETAILS

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