



Not Just Fabric, But Solutions Office Spaces

Air Distribution Concepts® Fabric Duct Solutions for Office Spaces

Air Distribution Concepts fabric duct is an ideal solution for office spaces because it delivers quiet, even, and comfortable airflow that supports employee focus and productivity. Unlike traditional metal ductwork that relies on concentrated diffusers, fabric duct distributes air along its entire length, eliminating hot and cold spots and reducing drafts at desk level.

The result is consistent temperatures and gentle air movement that enhance occupant comfort. Fabric duct systems also operate more quietly, helping maintain a calm work environment, and their lightweight, flexible design allows for clean aesthetics that integrate well with modern office architecture. In addition, fabrics can be selected to help manage condensation and improve indoor air quality, supporting healthier, more comfortable workspaces with lower maintenance and lifecycle costs.

With the ADC Textile Based Ventilation Engineering Design Program, it provides solutions that you can trust and data that you can view and verify in your design process.

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Benefits of using ADC Fabric Dispersion Systems:

- Even, draft-free airflow: Fabric ducts deliver air uniformly along their length, eliminating hot and cold spots that commonly occur with metal diffusers in offices.
- Better indoor air quality (IAQ): Consistent air distribution improves ventilation effectiveness, supporting healthier work environments and occupant well-being.
- Quiet operation: Fabric duct systems operate with minimal noise compared to metal ductwork and diffusers, supporting productivity in open offices, conference rooms, and private offices.
- Lack of condensation risk: Breathable fabrics and proper airflow help minimize condensation concerns often associated with insulated metal duct systems.
- Energy-efficient performance: More effective air distribution can allow higher supply air temperatures and lower fan energy, supporting energy-saving office designs.
- Clean, modern aesthetics: Fabric duct systems offer smooth lines and customizable colors that complement contemporary office designs, allowing architects to make HVAC visible without it becoming visually intrusive.
- MADE IN AMERICA