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OVERVIEW

Thank you for selecting the DuctSox V-Series Fabric Diffuser. The V-Series Diffuser is a textile air dispersion device designed for critical airflow applications. The standard V-Series is 2ft x 2ft (610mm x 610mm) and features a removable fabric face and displacement panel that simplifies installation and maintenance.

Inventory

Read through this guide thoroughly and review any components that need to be installed.

Shipping/Receiving

The metal backpan(s) and fabric components may arrive in different shipments.

Each fabric diffuser face will be packaged in individual plastic bags and labeled. Be sure you have determined all boxes are accounted for.

Unpacking

Inspect shipment carefully and make sure all components are accounted for by emptying packaging and examining all contents. Note any missing or damaged pieces listed on the Bill of Lading and contact your carrier and DuctSox Representative.

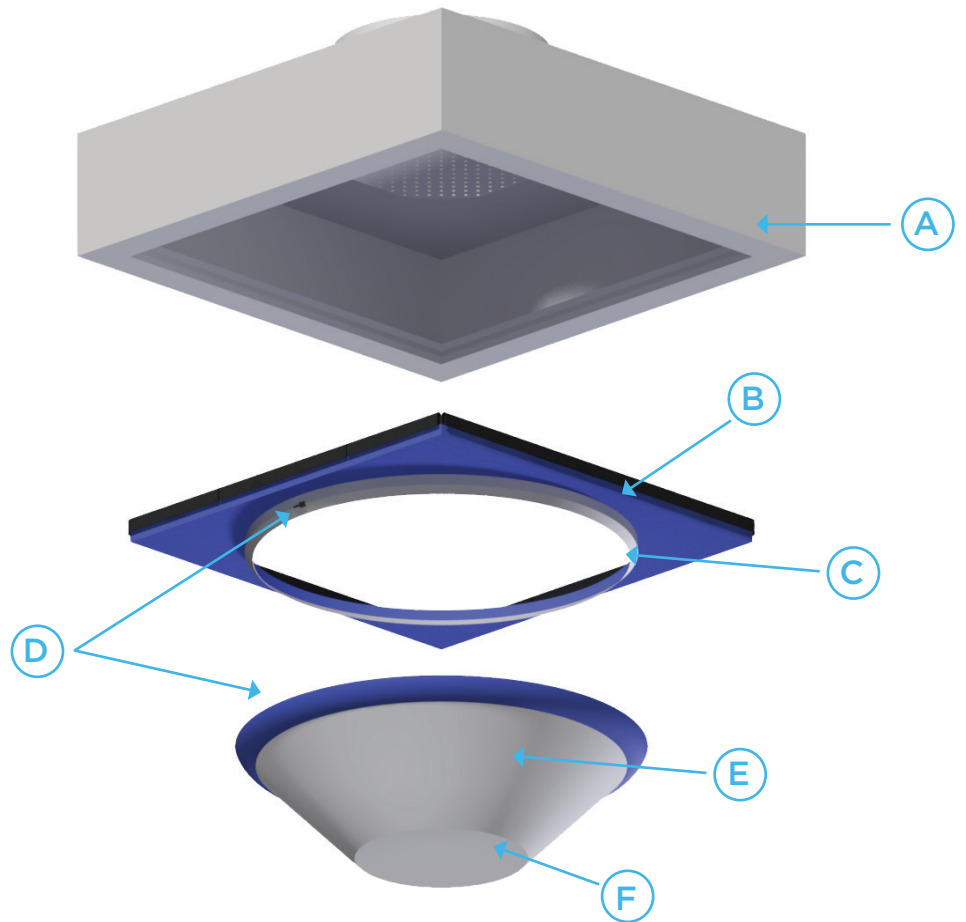
Labeling

Each diffuser will have an identification tag located on the fabric diffuser face. The tag will include job number, ship date, product name, origin, label and maintenance instructions.

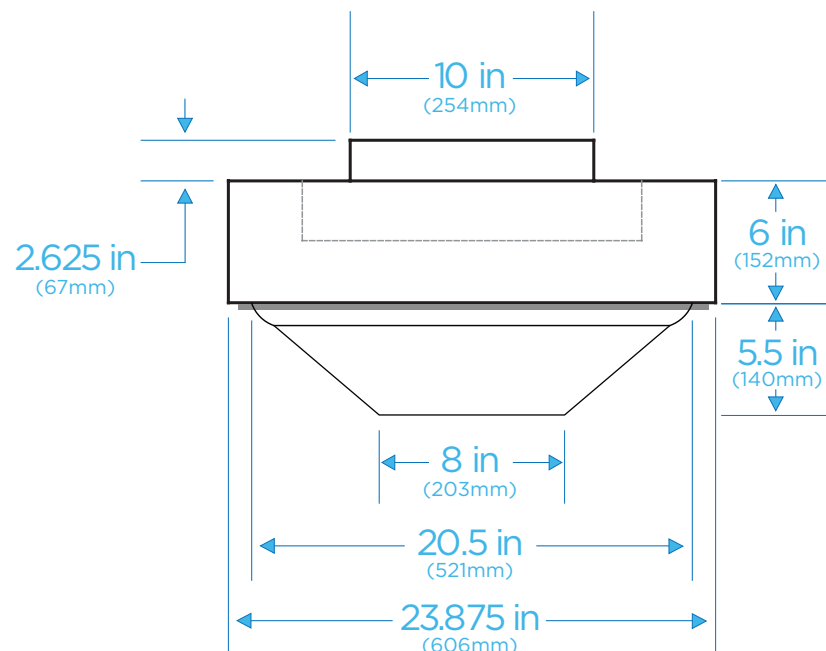
READ INSTRUCTIONS THOROUGHLY BEFORE BEGINNING.

COMPONENT DETAILS

- (A) Metal Backpan
- (B) Tension Clips
- (C) Perimeter Panel
- (D) Connection Zipper
- (E) Fabric Displacement Panel
- (F) Internal Ring



DIMENSIONAL DETAILS



INSTALLATION

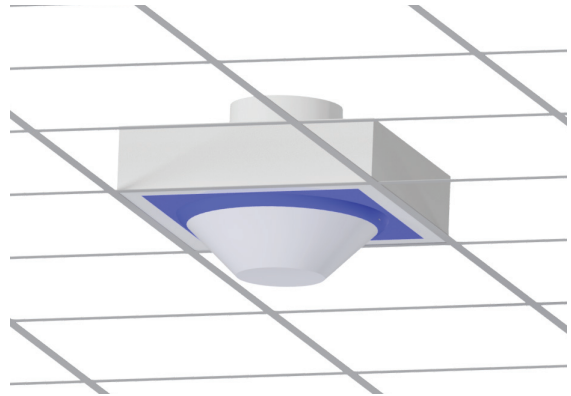
STEP 1: INSPECT COMPONENTS

- Upon delivery, inspect metal backpan(s) and textile air dispersion panel(s) to ensure there is no damage.

NOTE: Metal backpan and textile air dispersion panel may ship separately.

STEP 2: INSTALL BACKPAN

- Install metal backpan assembly into the ceiling system. Support tabs included if vertical independent hanging is required (support cable/wire provided by others).



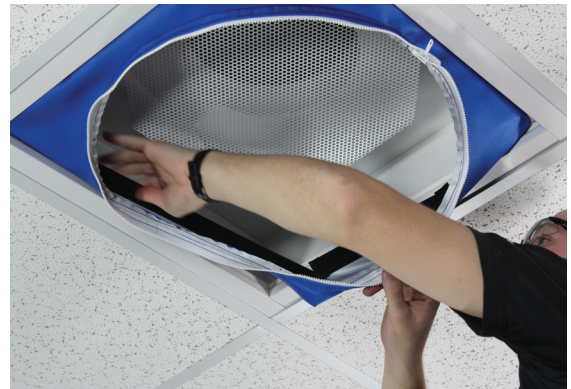
Above Graphic Reveals V-Series Backpan Assembly Installed in Ceiling Grid, Ducted to Supply Air System.

STEP 3: CONNECT SUPPLY AIR

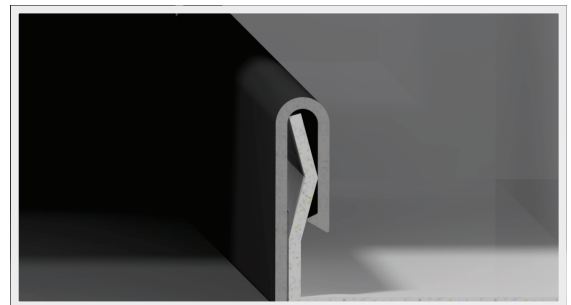
- Connect diffuser to supply ductwork. Secure and seal per industry standard methods to prevent leakage.

STEP 4: INSTALL PERIMETER PANEL

- Locate the perimeter panel and starting at one of the corners, secure the perimeter panel by attaching the black clips onto the metal rail of the backpan.
- Adjust as needed pulling taut to remove wrinkles.



Attaching Perimeter Panel to the Metal Backpan



Zoomed in View of the Perimeter Panel Clips Secured to the Metal Rail of the Backpan

STEP 5: ATTACH FABRIC DISPLACEMENT PANEL

- Once all clips are securely fastened zip the fabric displacement panel to the perimeter panel.
- Cover the zipper by folding the overlap fabric up, and over the zipper.

STEP 6: ADJUST INTERNAL RING

- The internal ring may have shifted during shipping and may need to be adjusted.
- Gently pull on the internal ring from the bottom of the displacement panel and adjust until level.



Zipping the Displacement Panel to the Perimeter Panel



Adjusting Internal Ring

MAINTENANCE

- For maintenance, remove the fabric by disconnecting the clips around the perimeter of the metal rail.
- Starting in a corner, remove the fabric face.
- Install clean or new face by repeating Step 5.

LAUNDERING INSTRUCTIONS

- To launder, soak in cold water for 30 minutes.
- Wash cold, gentle cycle.
- Rinse thoroughly (repeat cycle if water/DuctSox still soiled).
- Drip dry or no-heat tumble dry.



If any questions arise regarding the installation of your **V-Series** Fabric Diffuser, contact us.

866-382-8769 or 563-588-5300

Products may be covered by one or more patents:

www.ductsox.com/patents

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