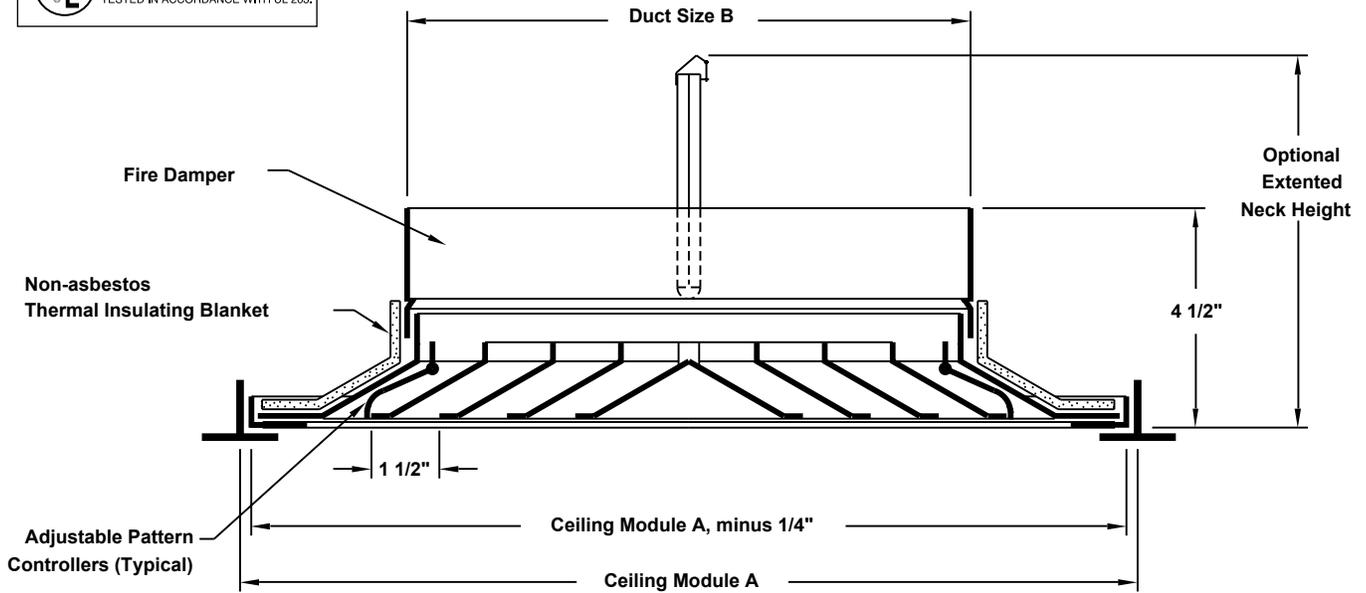


# Square Ceiling Diffusers

## Steel • Louvered Face • Fire Rated • Adjustable

Model TDCA-FR • Square Neck • Horizontal-to-Vertical Adjustable Discharge Pattern

Border Type 3 (Lay-In) With Fire Damper



Available Module Size	Minimum Duct Size	Maximum Duct Size
12 x 12	6 x 6	6 x 6
24 x 24	6 x 6	18 x 18

**Note:** Duct sizes are available in 3" increments and square necks only.

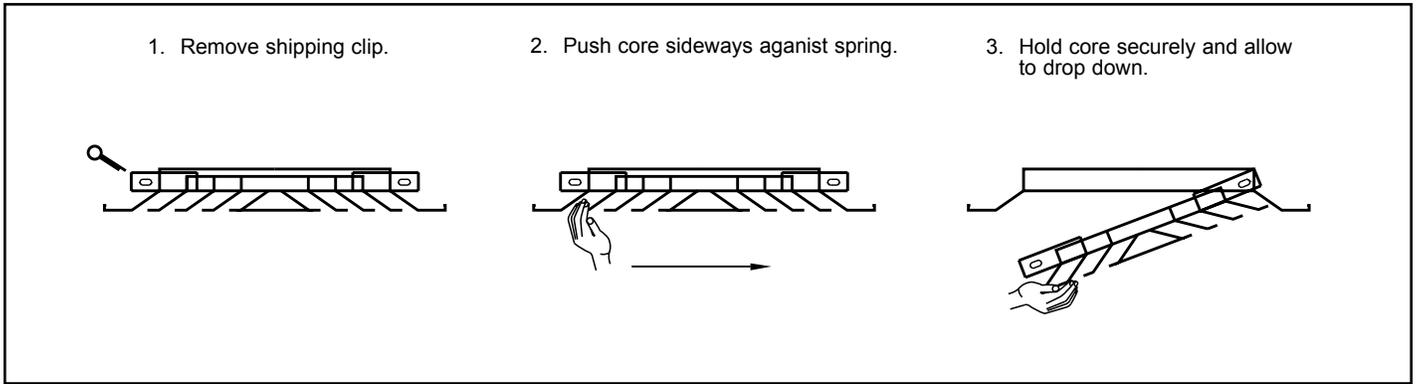
### Optional Pattern

Check  selection

S1 Square     
  G2 Square     
  S2 Square     
  A3-2     
  A4 Square

(X < Y, X > Y/2)

## Removing Center Core



## Accessories (Optional)

Check  if provided

Fire Damper with Extended Neck

Duct Size B	Extended Neck Height
6" x 6"	7 1/2"
9" x 9"	7 1/2"
12" x 12"	9 1/2"
15" x 15"	9 1/2"
18" x 18"	12 1/2"

UL Listed Fusible Volume Adjustment Control - Allows adjustment of fire damper blades to balance airflow. A standard 3/16" hex key (by others) is required for adjustment.

## Other Accessories (Optional)

Standard Finish: #26 White

Fusible Link 165° F (212° F is standard)

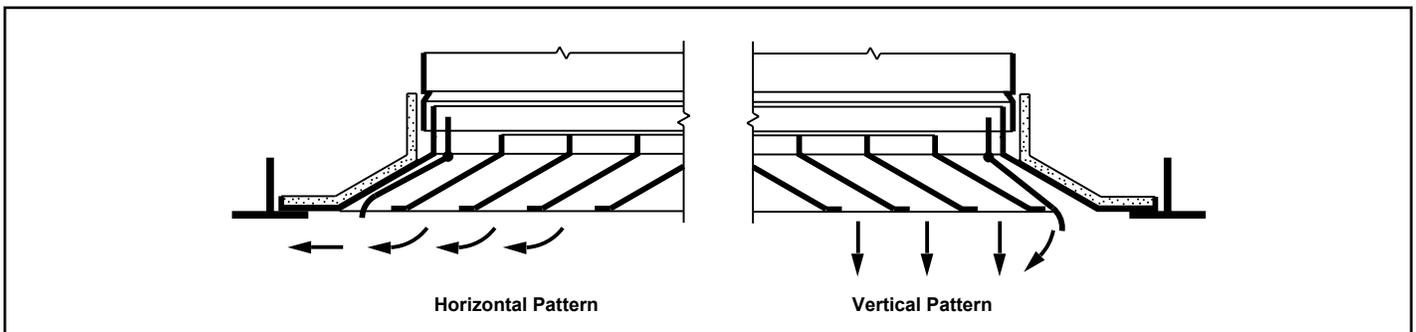
## General Description

- Model TDCA-FR is a UL Classified Fire Rated Ceiling Diffuser Assembly listed in The Underwriters Laboratories "Fire Resistance Directory."
- The Ceiling Diffuser Assembly has a fire resistance rating of 3 hours or less when installed in accordance with the installation instructions.
- TITUS Model TDCA-FR is a high capacity ceiling diffuser.

- Movable vanes, accessible from the face, adjust the vertical discharge pattern from horizontal to vertical.
- In the horizontal setting, the Model TDCA-FR maintains an unbroken horizontal flow pattern from maximum cfm down to minimum, making it an excellent choice for variable air volume applications.
- Core is removable from the face of the diffuser.

- Model TDCA-FR is extremely flexible, with cores available for 1, 2, 3 or 4-way horizontal flow, in addition to the adjustable vanes.
- Material is heavy gauge steel.

## Adjusting Vertical-to-Horizontal Discharge Pattern



Note: This submittal is meant to demonstrate general dimensions of this product. The drawings on this submittal are not meant to detail every aspect of the product with exactness. Drawings are not to scale. TITUS reserves the right to make changes without written notice.  
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