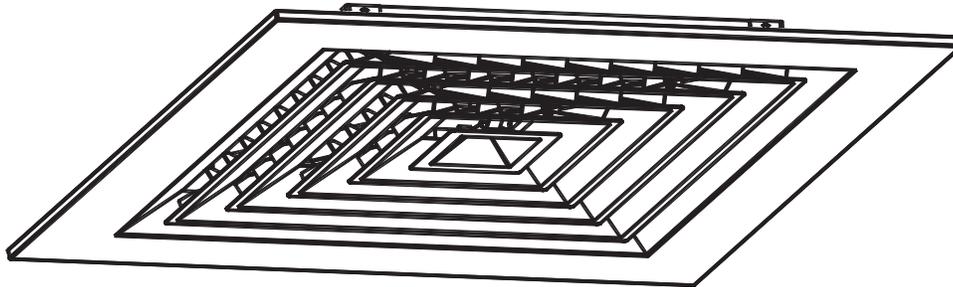
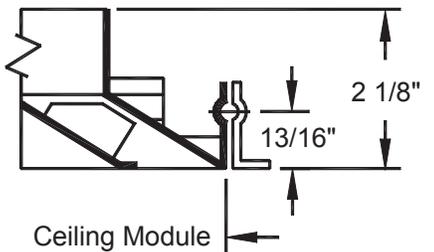


# Square and Rectangular Ceiling Diffusers Aluminum • Louvered Face • Induction Vanes

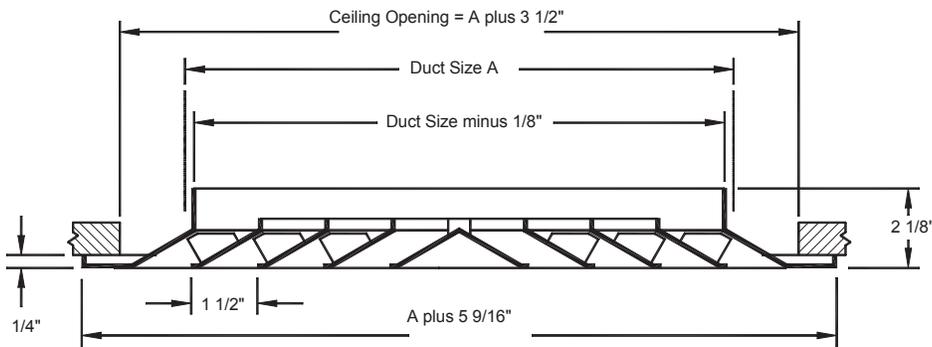
Model: TDV-AA • Square, Rectangle or Round Neck



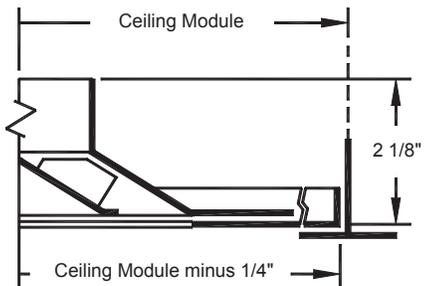
Border Type 2 (Snap-In)



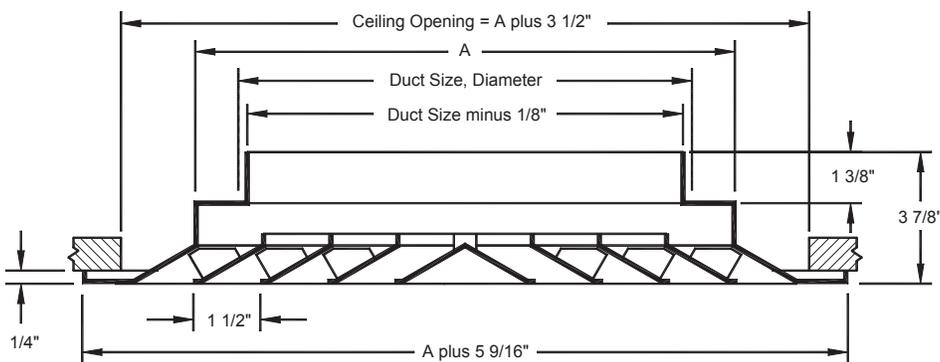
Border Type 1 (Surface Mount) Square or Rectangular Neck



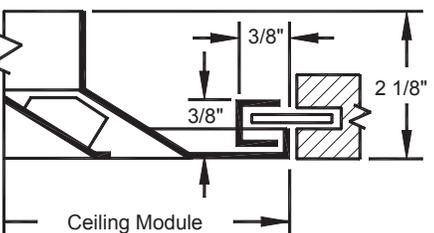
Border Type 3 (Lay-In)



Border Type 1 (Surface Mount) with Steel Round Neck



Border Type 4 (Splined)

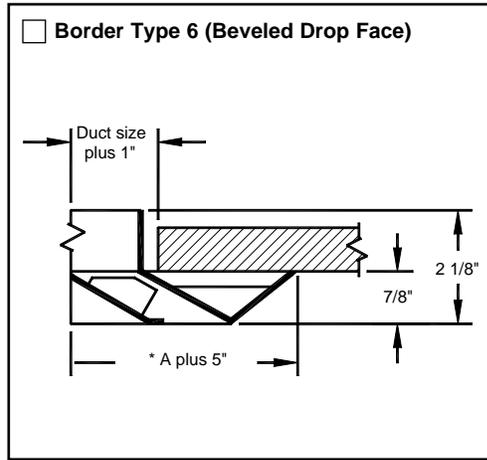
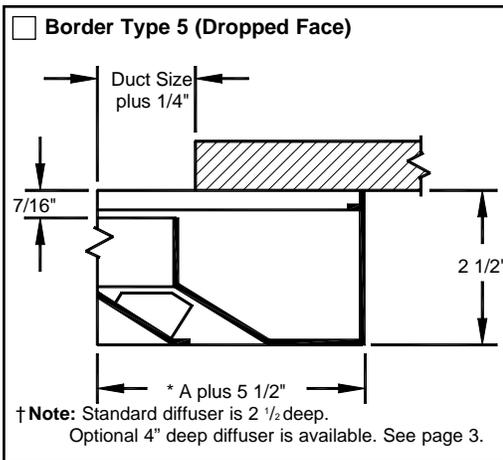


Dimensions are in inches.

For Dimensions "A" see table on next page.

(Please see reverse side).

## Border Types, Dimensions (Continued)



\***Note:** Dimension A refers to either square/rectangle or round neck diffusers. See drawings below.

## Available Duct Sizes, Square and Rectangular Necks

Border Type 1, 5, 6		Border Type 2, 3, 4		
Minimum Duct Size A	Maximum Duct Size A	Available Module Size	Minimum Duct Size A	Maximum Duct Size A
6 x 6	36 x 36	12 x 12	6 x 6	9 x 9
		24 x 24	6 x 6	18 x 18
		48 x 24	12 x 12	36 x 18

**Note:** Duct sizes are available in 3" increments only.  
Maximum duct size for border 5 is 36 x 36.

## Available Duct Sizes, Steel Round Necks

Border Type 1, 5, 6		Border Type 2,3,4		
Dimensions A	Available Round Duct Size	Available Module Size	Minimum A	Available Round Duct Size
6 x 6	6	12 x 12	6 x 6	6
9 x 9	6, 8		9 x 9	6, 8
12 x 12	8, 10, 12	24 x 24	6 x 6	6
15 x 15	6, 8, 10, 12, 14		9 x 9	6, 8
18 x 18	6, 8, 10, 12, 14, 16		12 x 12	6, 8, 10, 12
			15 x 15	6, 8, 10, 12, 14
			18 x 18	6, 8, 10, 12
				14, 16

\***Note:** Round duct sizes are available only in sizes shown. Round neck adapter material is steel.

## Optional Accessories for Round Neck

Check  if provided

Model AG-100 Radial Sliding Blade Damper \*

Model EG Equalizing Grid

AG-100 Mounts Above Neck

Model AG-100 damper is available in duct sizes 6 thru 14 inches only

Model D-100 Radial Sliding Blade Damper \*

Model EG Equalizing Grid

D-100 Mounts on Neck

Model D-100 damper is available in duct sizes 6 thru 14 inches only.

Model AG-65 Combination Damper and Equalizing Grid \*

AG-65 Mounts Above Neck

Air Flow →

Model AG-65 damper is available in duct sizes 6 thru 14 inches only.

Model AG-85 Butterfly Damper \*

Model EG Equalizing Grid

AG-85 Mounts Above Neck

Model AG-85 damper is available in duct sizes 6 thru 14 inches only.

## Optional Accessories for Rectangular Neck

Check  if provided

Model AG-35B Opposed Blade Damper

Model EG Equalizing Grid

AG-35B Mounts in Duct

Slot Operator (Remove Face for Access)

Model AG-95 Opposed Blade Damper with Slot Operator

Model EG Equalizing Grid

AG-95T Mounts on Neck

Slot Operator (Type 1) (Remove Face for Access)

All dimensions are in inches.

## Optional Accessories

Check  if provided

Accessories	Nominal Round Duct Sizes					
	6	8	10	12	14	16
<input type="checkbox"/> AG-100	•	•	•	•	•	N/A
<input type="checkbox"/> D-100	•	•	•	•	•	N/A
<input type="checkbox"/> AG-85	•	•	•	•	•	•
<input type="checkbox"/> AG-65	•	•	•	•	•	•
<input type="checkbox"/> EG	•	•	•	•	•	•
<input type="checkbox"/> EQT	•	•	•	•	•	•

Accessories	Nominal Rectangular Duct Sizes
<input type="checkbox"/> AG-95 Type 1	Available in Sizes 6 x 6 through 18 x 18
<input type="checkbox"/> AG-35B	
<input type="checkbox"/> EG-L/EG-S	
<input type="checkbox"/> AG-65-L/AG-65-S	
<input type="checkbox"/> EQT	

• Available Sizes

## Other Optional Accessories

**Standard Finish:** #26 White

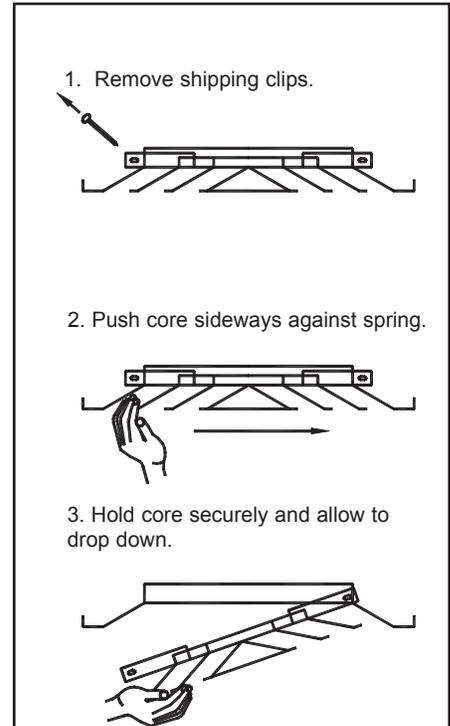
Model SR Steel Square-to-Round Transition

## Optional Patterns

Check  selection

1 Way 	<input type="checkbox"/> S1 Square 	<input type="checkbox"/> A1 	<input type="checkbox"/> B1 
2 Way 	<input type="checkbox"/> A2 	<input type="checkbox"/> S2 Square 	<input type="checkbox"/> B2 
2 Way Corner 	<input type="checkbox"/> E2 	<input type="checkbox"/> F2 	<input type="checkbox"/> G2 Square 
3 Way 	<input type="checkbox"/> A3 	<input type="checkbox"/> E3 	<p>For A3, <math>X &gt; Y</math>                      For A3-2, <math>X &gt; Y, X &lt; 2Y</math>                      For B3, <math>X = 2Y</math>                      For E3, <math>X &gt; 2Y</math></p> <p>* Dimensions X and Y shown here are the proportions of available rectangular duct sizes. Duct sizes are available in 3" increments. Dimension X is always the longer dimension for each core option.</p>
	<input type="checkbox"/> A3-2 	<input type="checkbox"/> B3 	
4 Way 	<input type="checkbox"/> A4 Square 	<input type="checkbox"/> B4 	

## Removing Center Core



## General Description

- TITUS Model TDV-AA is a high capacity ceiling diffuser. Because it maintains an unbroken horizontal flow pattern from maximum cfm down to minimum, it is an excellent choice for variable air volume application.
- Core is removable from the face of the diffuser.
- Slot operator on optional, neck-mounted Model AG-95 damper allows easy volume adjustment by removing the diffuser core. (Rectangular necks only).
- Model TDV-AA is extremely flexible, with cores available for 1, 2, 3 or 4-way horizontal flow patterns.
- Material is aluminum.
- The TITUS TDV-AA has louvered face with integrated induction vanes for exceptional air mixing.



Note: This submittal is meant to demonstrate general dimensions of this product. The drawing 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.

D-45.0-S

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