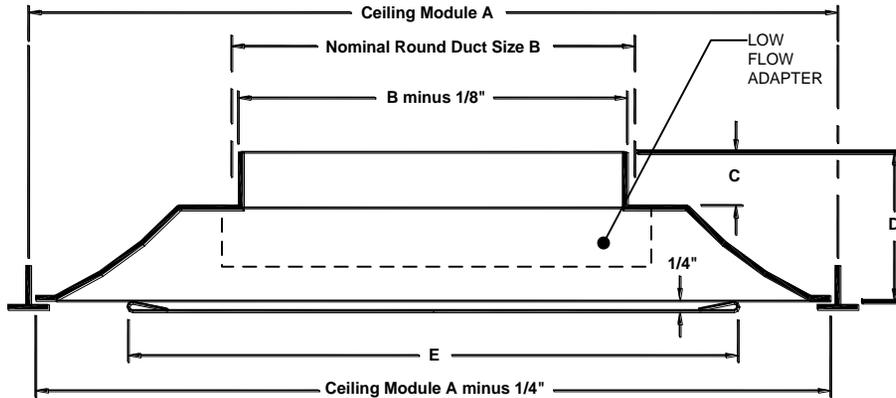


Architectural Ceiling Diffusers • Low Air Flow Square Cone • Plaque Face

Model: TJD • Steel • Round Neck

Border Type 3 (Lay-In) Full Face

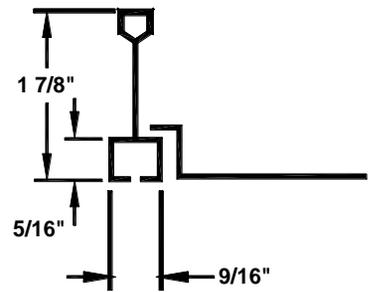
Available Border Types Check if provided.



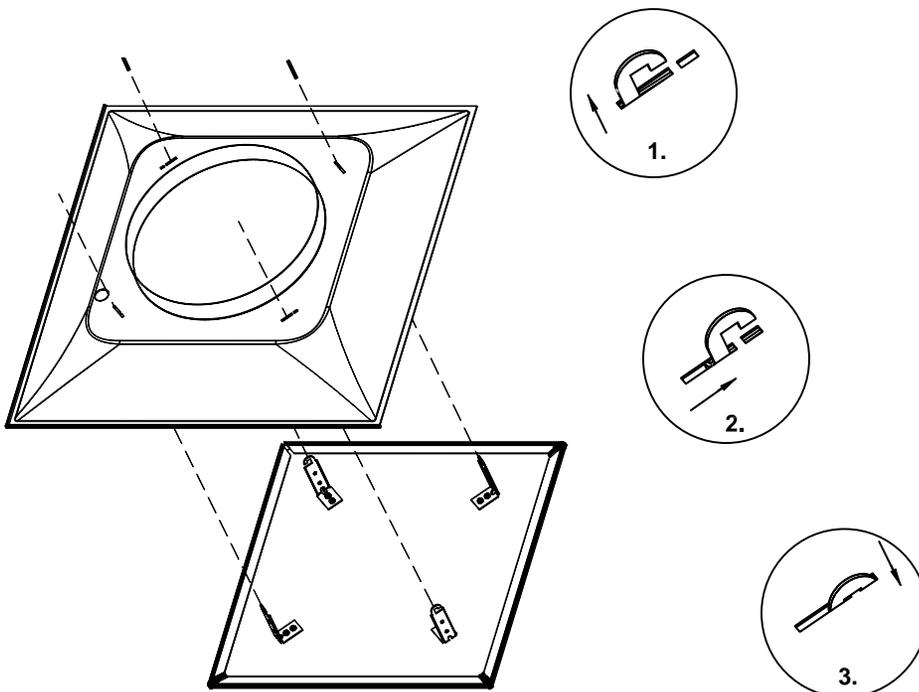
Ceiling Module	Face Size	Nominal Round Duct	Frame Types
24 x 24	24 x 24	6, 8	3, NT

Dimensions are in inches.

Border Type NT Narrow Tee 24 x 24 Module



Installing and Removing Face Panel • Adjusting Optional Damper



Installing Face Panel

1. Insert the hook brackets into the slots in the backpan.
2. Rotate the face panel clockwise until...
3. The hooks positively engage in the secondary slots in the backpan.

Removing Face Panel

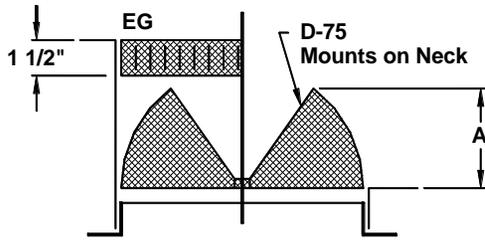
1. Lift the faceplate towards the backpan to disengage the hook brackets from the backpan slots.
2. Rotate the faceplate counter-clockwise.
3. Lower the faceplate away from the backpan.

Adjusting Optional Damper

1. Remove face panel as above.
2. Use flat blade screwdriver to turn operator shaft at center of damper.
3. Replace face panel

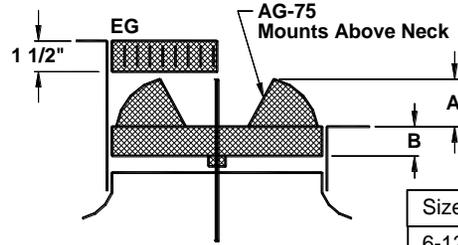
Accessories (Optional) Check if provided.

- Model D-75 Opposed Blade Damper
- Model EG Equalizing Grid



Model D-75 damper is available in duct sizes 6 thru 12 inches only.

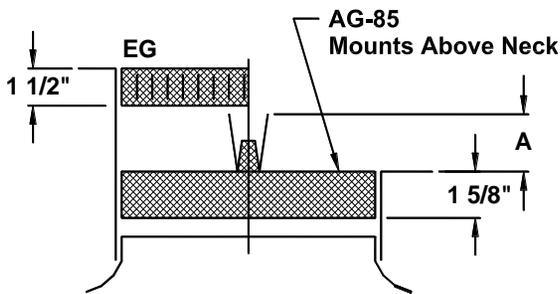
- Model AG-75 Radial Opposed Blade Damper
- Model EG Equalizing Grid



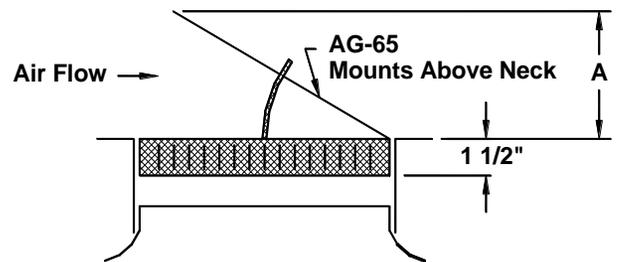
Size	B
6-12	1 1/2
14	2 1/8

Model AG-75 damper is available in 6, 7, 8, 10, 12, 14, and 15 inch duct sizes only.

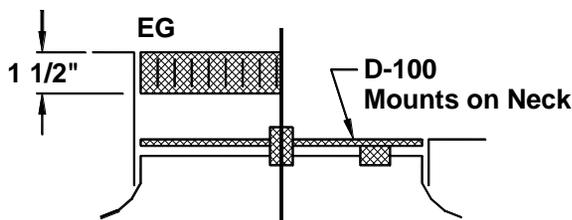
- Model AG-85 Butterfly Damper
- Model EG Equalizing Grid



- Model AG-65 Combination Damper and Equalizing Grid

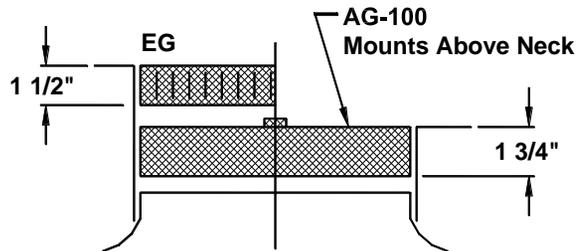


- Model D-100 Radial Sliding Blade Damper
- Model EG Equalizing Grid



Model D-100 damper is available in duct sizes 6, 8, 10, 12 and 14 inch duct sizes only.

- Model AG-100 Radial Sliding Blade Damper
- Model EG Equalizing Grid



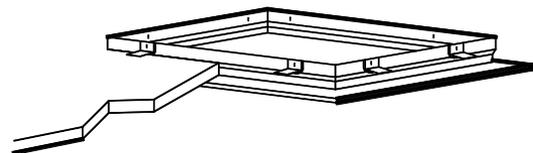
Model AG-100 damper is available in duct sizes 6, 8, 10, 12 and 14 inch duct sizes only.

Dimension "A" in Inches, for Dampers Shown

Accessories	Nominal Round Duct Sizes						
	6	7	8	10	12	14	15
D-75	2 3/8	2 7/8	3 1/4	4 1/8	4 7/8	N/A	N/A
AG-75	2 3/4	3 1/4	3 5/8	4 1/2	5 3/8	2 3/4	3
AG-85	2 1/2	3	3 1/2	4 1/2	5 1/2	6 1/2	7
AG-65	3 3/8	4	4 1/2	5 1/2	7 1/8	8 5/8	9
D-100	—	—	—	—	—	—	N/A
AG-100	—	—	—	—	—	—	N/A

Notes:
Model D-100 and AG-100 dampers have radial blades that slide in a horizontal plane. For that reason, no opening clearance "A" is dimensioned.

- TRM TITUS Rapid Mount Frame

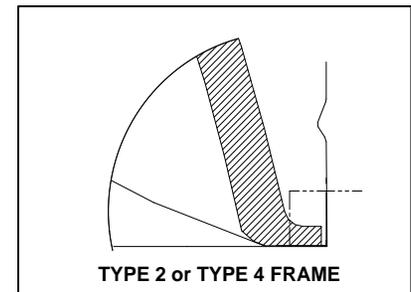
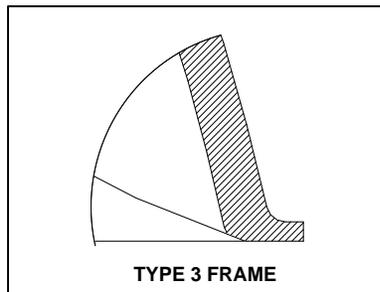
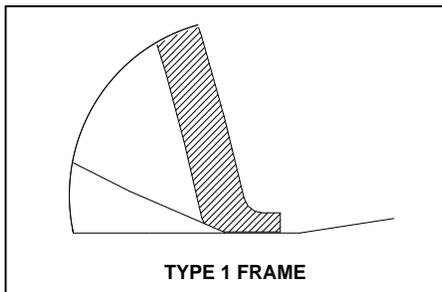
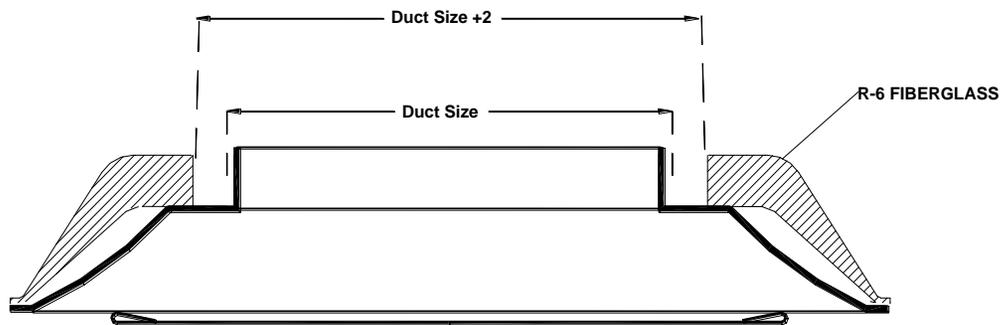


For Surface Mounting Border Type 3

Accessories (Optional) continued

Check if provided.

IB Molded Insulation Blanket



Standard Finish: #26 White

General Description

- The TITUS TJD diffuser is designed to satisfy architectural as well as engineering criteria. Its strong, clean, unobtrusive lines harmonize with the ceiling system, without sacrificing performance.
- The curvature of the TJD backpan works with the formed edges of the face panel and low flow core to deliver a star shaped air pattern at extremely low air flow, without excessive noise or pressure drop.
- The TJD diffuser is an excellent choice for variable volume systems. The air pattern remains tight and horizontal for effective room air distribution, even when the air volume varies over a wide range.
- The edges of the face panel are formed to a radius for solid, crisp appearance. The formed edges also stiffen the face panel and assure a straight and level surface.
- Optional molded insulation blanket (IB) with R-6 rating available for use with border styles 1, 2, 3, and 4

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

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