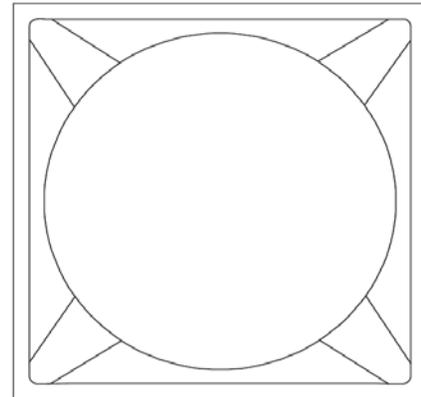
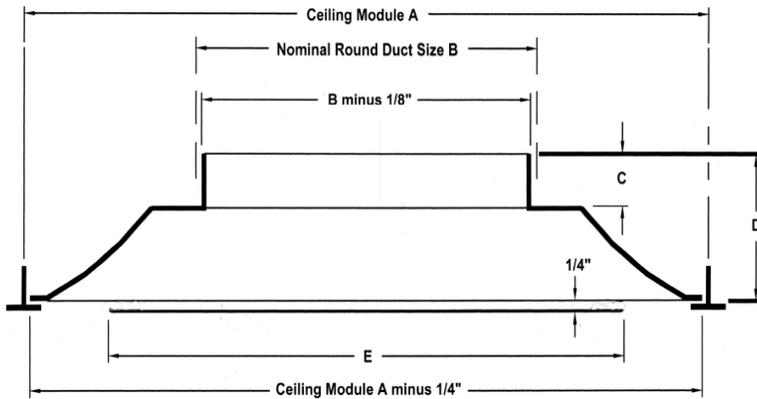


OMNI-RS • Round Neck

Architectural Ceiling Diffusers

Steel • Square Backpan • Round Plaque Face

 Border Type 3 (Lay-In)


OMNI-RS Face View

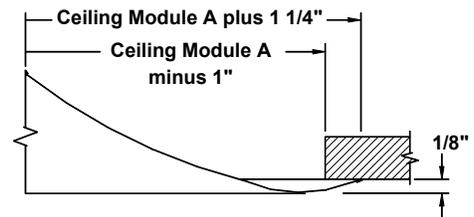
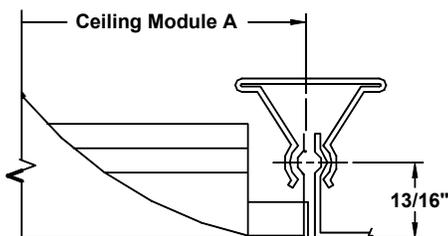
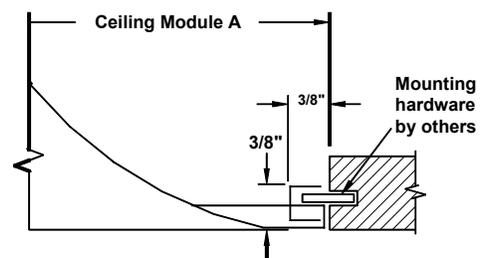
Ceiling Module A	Nominal Round Duct Sizes B	C	D	E
12 x 12	4, 5*	2 7/8	4	10
12 x 12	6, 7	1 1/8	2 1/4	10
12 x 12	8	1 1/4	2 3/8	10
24 x 24	6, 8	1 1/4	3 3/4	20
24 x 24	10, 12, 14, 15	1 3/8	3 7/8	20

All Dimensions Below In Millimeters

300 x 300	102, 127	73	102	229
300 x 300	152, 178	29	57	229
300 x 300	203	32	60	229
600 x 600	152, 203	32	95	457
600 x 600	254, 305, 356, 381	35	98	457

* Adapter is provided for sizes 4 and 5

Ceiling Module	Nominal Round Duct Sizes	Frame Types
12 x 12	4, 5*, 6, 7, 8	1, 2, 3
24 x 24	6, 8, 10, 12, 14, 15	1,2,3,4,4V,4T,NT
All Dimensions Below In Millimeters		
300 x 300	102, 127, 152, 178, 203	3
600 x 600	152, 203, 254, 305, 356, 381	3

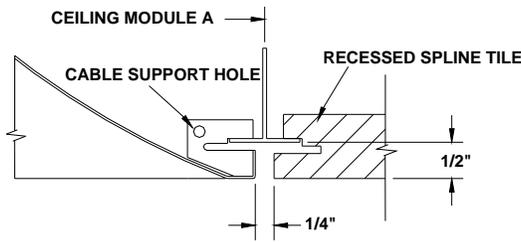
 Border Type 1 (Surface Mount)

 Border Type 2 (Snap-In)

 Border Type 4 (Spline)


Dimensions are in inches.

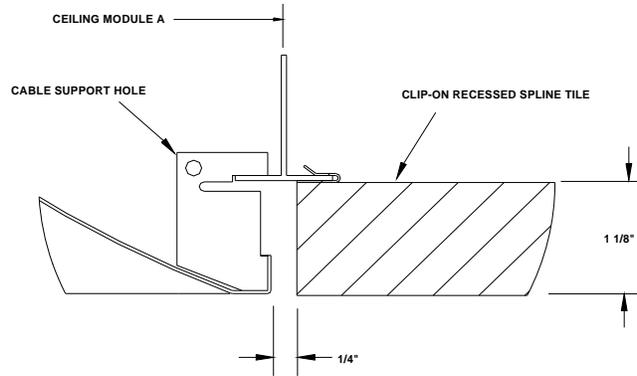
Other Available Border Types

Check if provided.

Border Type 4V (Recessed Spline)



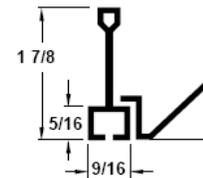
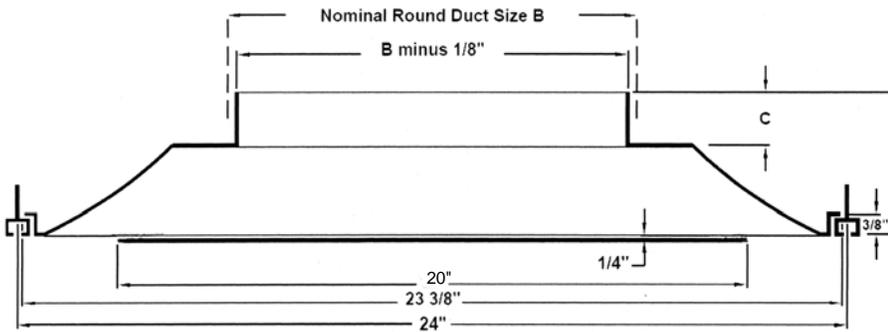
Border Type 4T (Clip-on Recessed Spline)



Note: If Border 4V is adjacent to a light fixture a gap will be visible above the backpan. A t-bar extender is available to fill this void, available from the ceiling manufacturer.

Borders 4V and 4T has four mounting clips. Two clips on opposed sides with holes to attach mounting wire from above.

Border Type NT (Narrow tee)

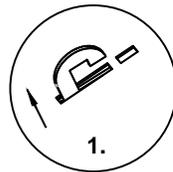
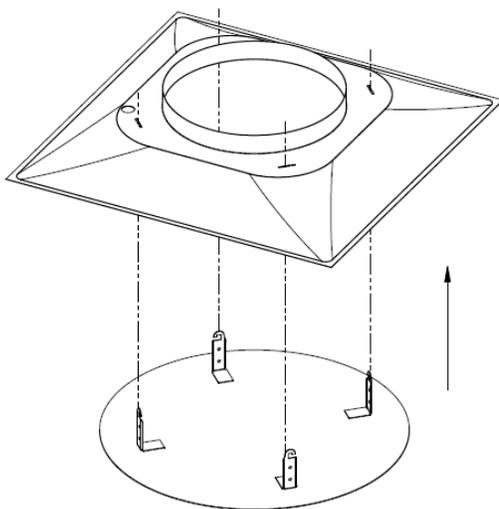


Narrow Tee Detail

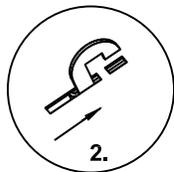
Ceiling Module	Nominal Round Duct Size (B)	C	D
24 x 24	6, 8	1-1/4	3-3/4
	10, 12, 14, 15	1-3/8	3-7/8

Narrow Tee Border Type is only available in 24 x 24 Module size.

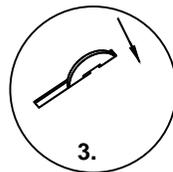
Installing and Removing Face Panel • Adjusting Optional Damper



1.



2.



3.

Installing Round Face Panel

1. Insert the hook brackets on back of face 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 Round Face Panel

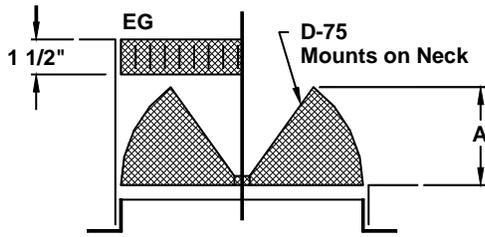
1. Lift the faceplate towards the backpan to disengage the hook brackets from the backpan slots.
2. Rotate the faceplate counter-clockwise.
3. Lower the faceplate away from the backpan.

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

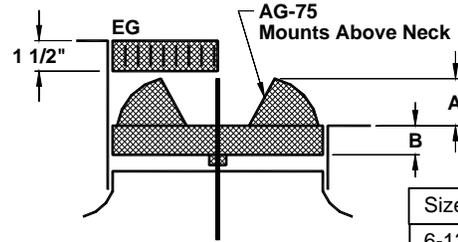
Accessories (Optional) Check if provided.

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



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

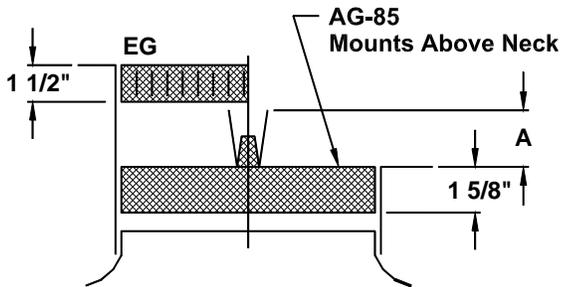
- Model AG-75 Radial Opposed Blade Damper
- Model EG Equalizing Grid



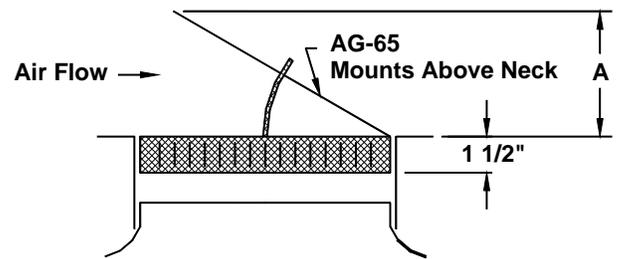
Size	B
6-12	1 1/2
14	2 1/8

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

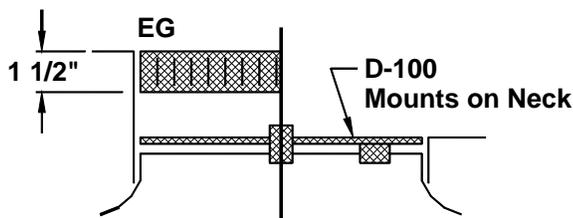
- Model AG-85 Butterfly Damper
- Model EG Equalizing Grid



- Model AG-65 Combination Damper and Equalizing Grid

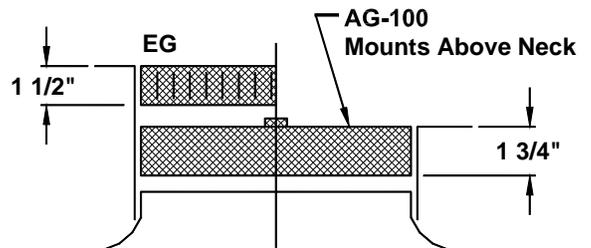


- Model D-100 Radial Sliding Blade Damper
- Model EG Equalizing Grid



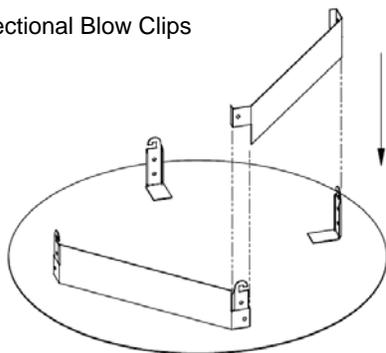
Model D-100 damper is available in duct sizes 6, 8, 10, 12 and 14 inch duct sizes only.

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

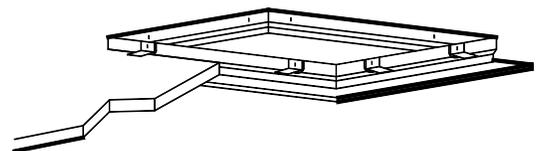


Model AG-100 damper is available in duct sizes 6, 8, 10, 12 and 14 inch duct sizes only.

- DB - Directional Blow Clips



- TRM TITUS Rapid Mount Frame



For Surface Mounting Border Type 3

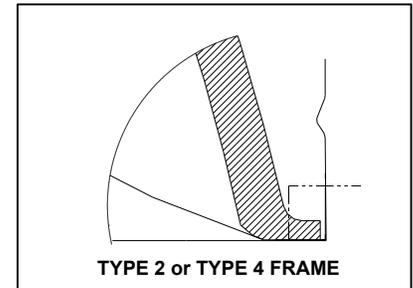
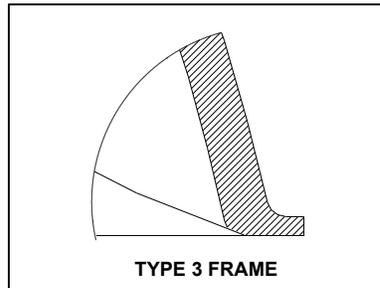
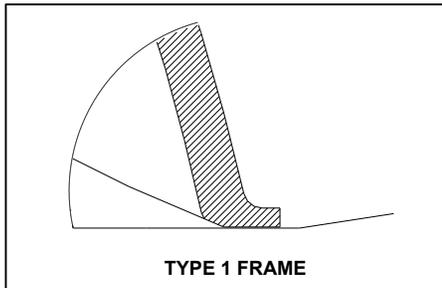
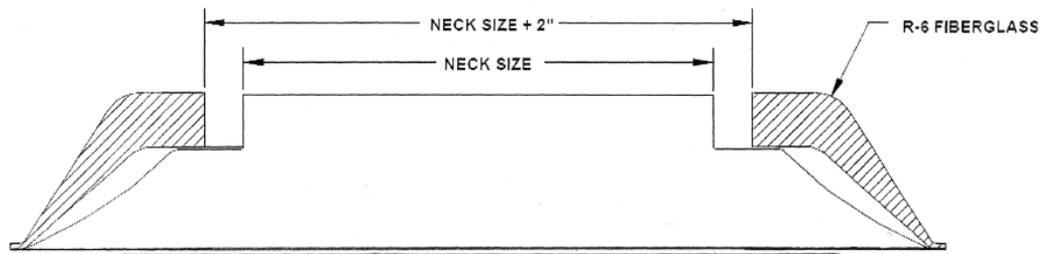
Accessories (Optional) continued

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 and :
 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.

IB Molded Insulation Blanket



Standard Finish: #26 White

General Description

- The TITUS OMNI-RS 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 OMNI-RS backpan works with the round plaque face panel to deliver a 360° tight horizontal air pattern, without excessive noise or pressure drop.
- The OMNI-RS 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 round plaque face can be removed from the backpan for easy installation of the diffuser or for access to the optional damper.
- Optional Directional Blow Clips (model DB) allow the air pattern to be changed to three, two or one blow direction.
- Optional molded insulation blanket (IB) with R-6 rating available for use with border styles 1, 2, 3, and 4, (24x24 module size only).



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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