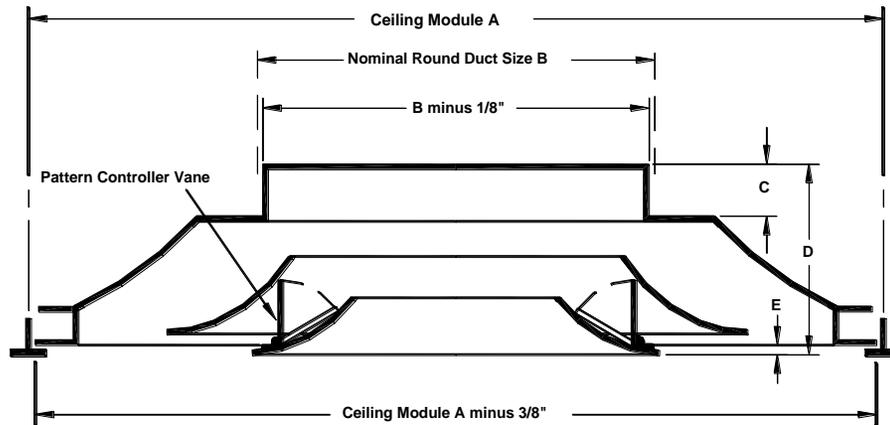


Square Ceiling Diffusers Steel • Adjustable • High Performance

Model: TMSA • Round Neck • Vertical-to-Horizontal Discharge Pattern

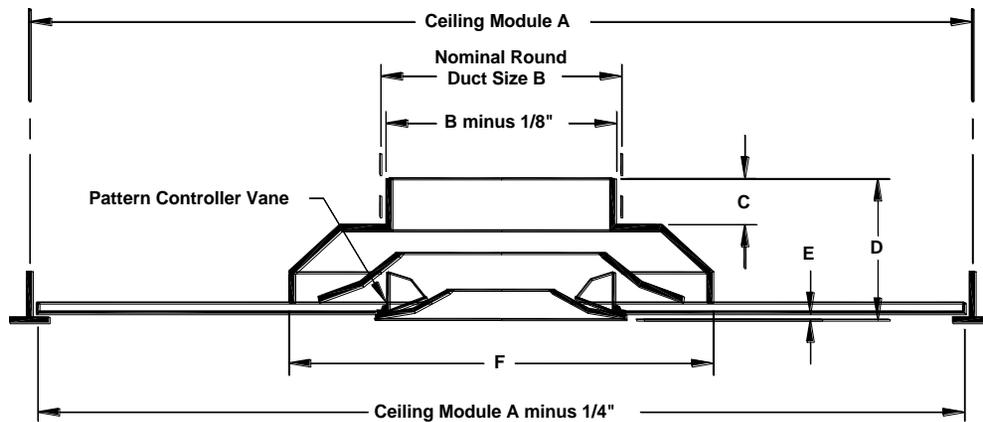
Border Type 3 (Lay-In) Full Face. For other border types, please see next page.



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

* Adapter is provided for 4 & 5

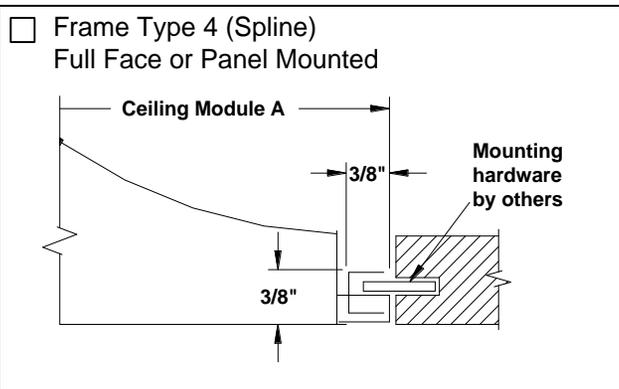
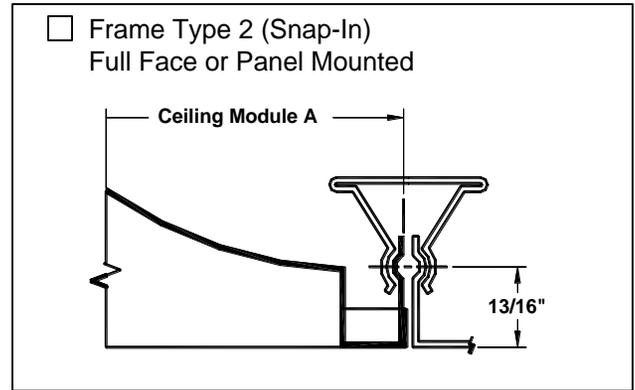
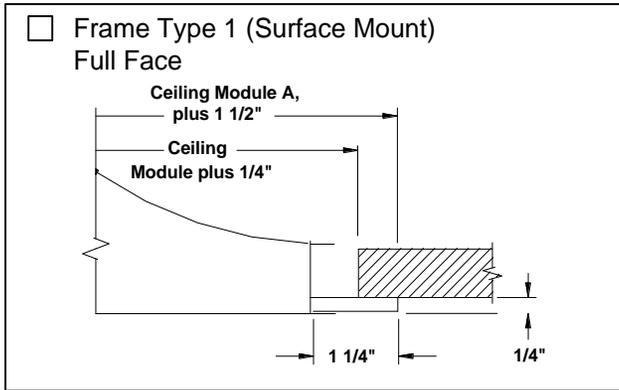
Border Type 3 (Lay-In) Panel Mount. For other border types, please see next page.



Ceiling Module A	Nominal Round Duct Size B	Nominal Face Sizes F	C	D	E
24 x 24	4, 5*	12 X 12	3 1/8	5 3/8	3/8
24 x 24	6, 7	12 X 12	1 1/8	3 3/8	3/8
24 x 24	8	12 x 12	1 1/4	3 1/2	3/8

* Adapter is provided for 4 & 5

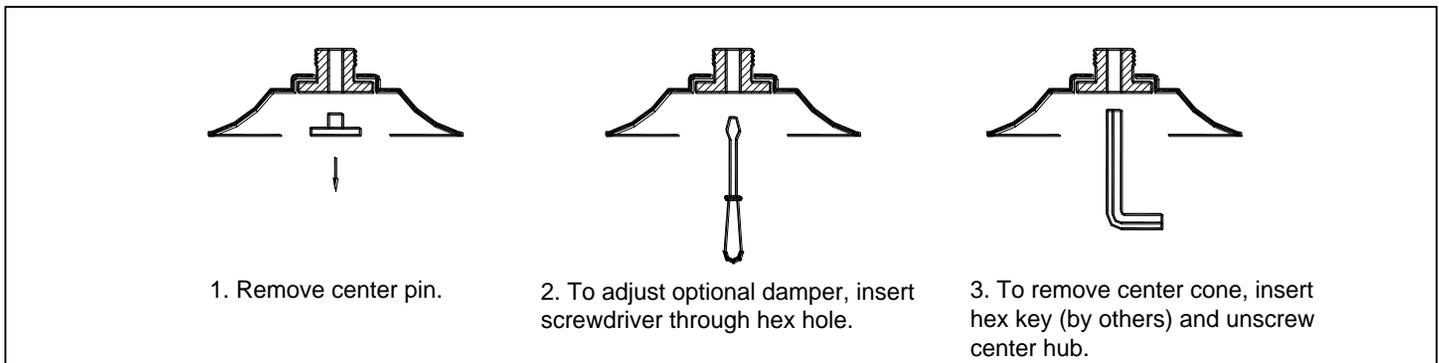
Other Available Border Types



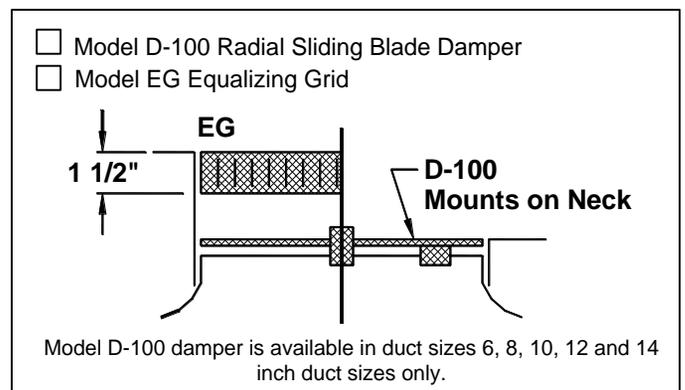
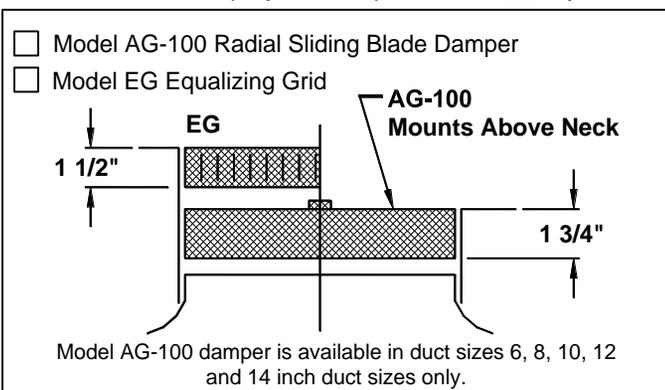
Ceiling Module	Face Size	Nominal Round Duct Sizes	Border Types
12 x 12	12 x 12	4, 5, 6, 7, 8	1, 2, 3, 4
24 x 24	24 x 24	6, 8, 10, 12, 14, 15	1, 2, 3, 4
24 x 24 (Panel)	12 x 12	4, 5, 6, 7, 8	2, 3, 4

* 20 x 20 Module available only in Type 3

Adjusting Optional Damper • Removing Center Cone



Accessories (Optional) Check if provided.



All dimensions are in inches

Accessories (Optional) continued 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-85 Butterfly Damper
 Model EG Equalizing Grid

Model AG-65 Combination Damper and Equalizing Grid

Model AG-75 Opposed Blade Damper
 Model EG Equalizing Grid

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

Dimension "A" in Inches, for Dampers Shown as Above

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

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

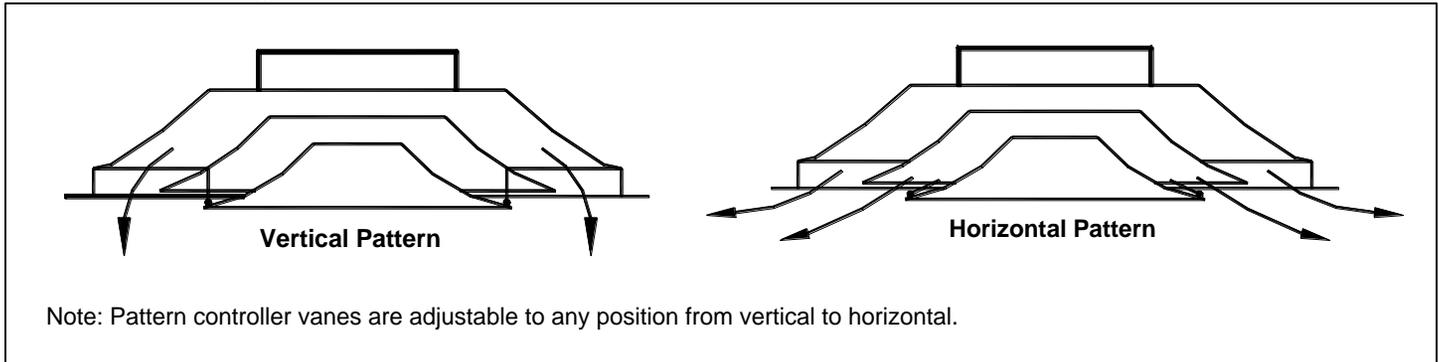
Other Accessories (Optional) Check if provided.

Model SB Sectorizing Baffles
 TRM TITUS Rapid Mount Frame

For Surface Mounting Border Type 3

All dimensions are in inches

TMSA Discharge Pattern



Standard Finish: #26 White

General Description

- Model TMSA includes adjustable vanes which vary the discharge pattern between horizontal and vertical.
- Delivers supply air in a true 360° pattern. Designed to protect ceiling from streaking and smudging.
- Excellent for variable volume systems. The uniform jet maintains effective room air distribution even when air volume varies over a considerable range.
- The TMSA consists of 3 concentric cones in all sizes. This uniformity of design enhances appearance in installations where more than one size is involved.
- Screwdriver adjustment of the optional damper is achieved without removing the inner cone. (See Note 2, Page 2).
- Quick removal of inner cone with a hex key speeds installation. (See Note 3, Page 2).
- All cones are die-stamped one piece construction with smooth, clean surfaces and no corner joints.
- Material is heavy gauge steel.