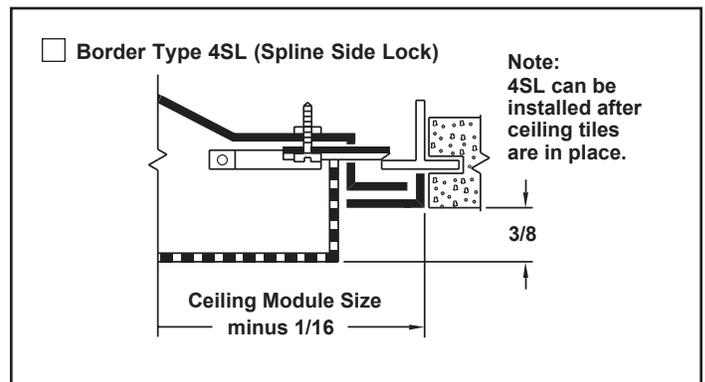
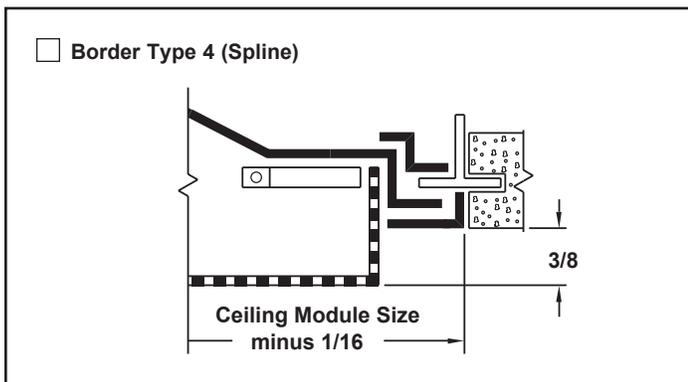
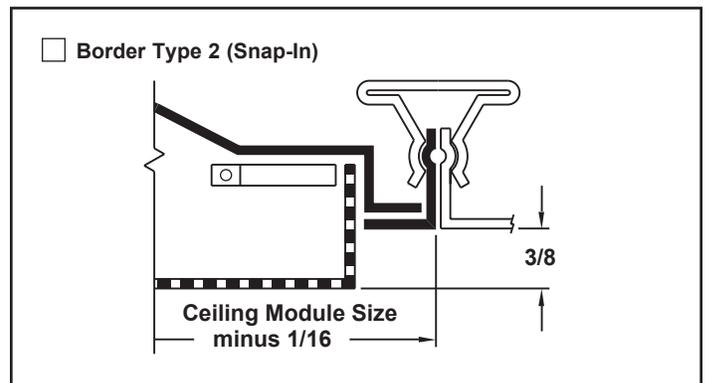
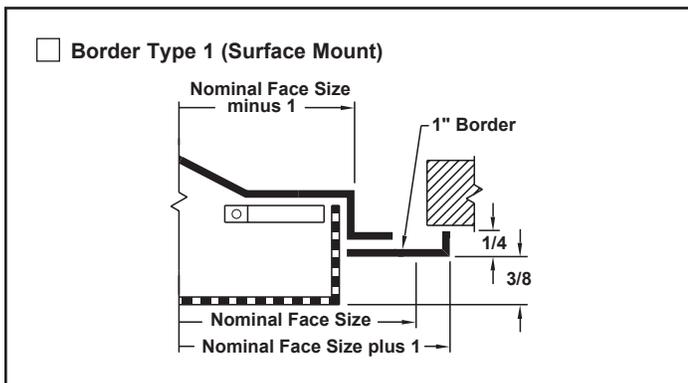
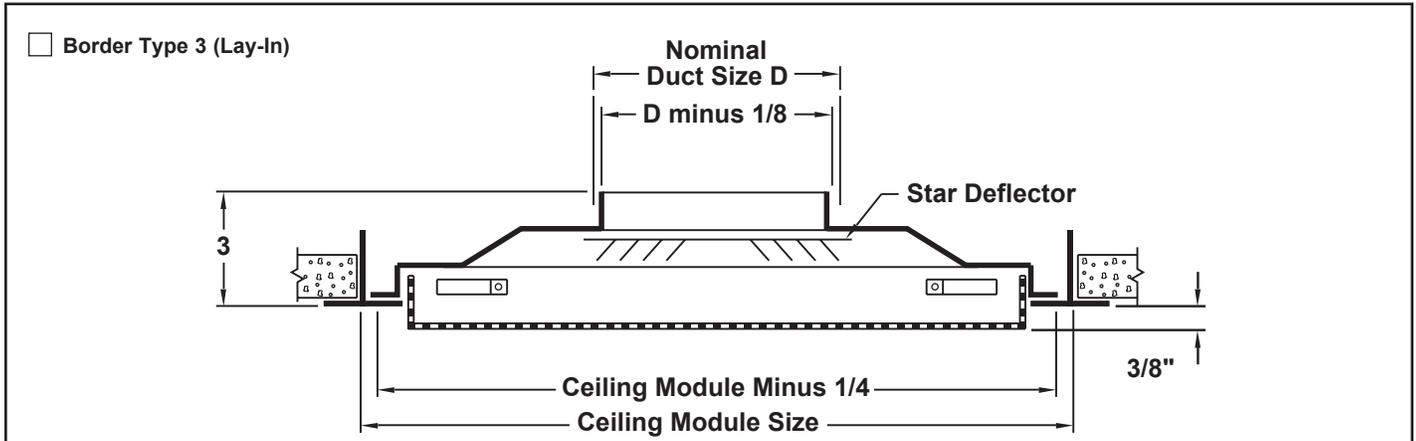


## Perforated Ceiling Diffusers Steel • Drop Face

Model: PSS-DF • Supply • Star Pattern



Available Sizes for Border Types 1, 2, 3, 4, 4SL

Face or Ceiling Module Size	Nominal Duct Size D									
	6 x 6	8 x 8	10 x 10	12 x 12	6" Dia.	8" Dia.	10" Dia.	12" Dia.	14" Dia.	16" Dia.
12 x 12	•				•					
24 x 24	•	•	•	•	•	•	•	•	•	•

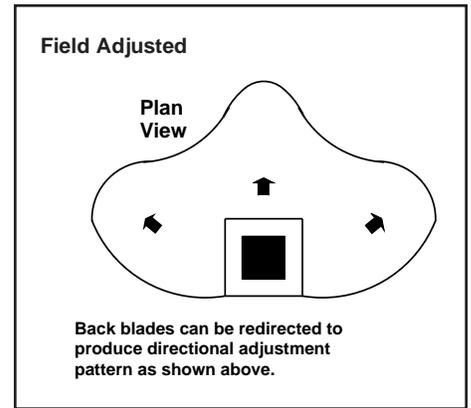
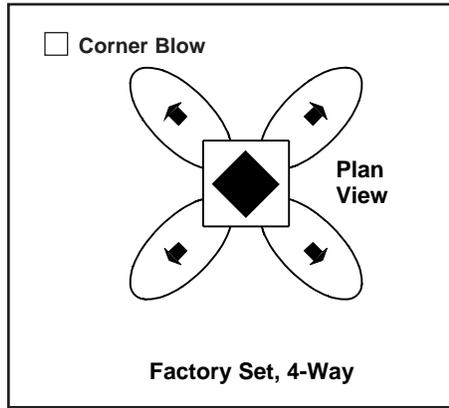
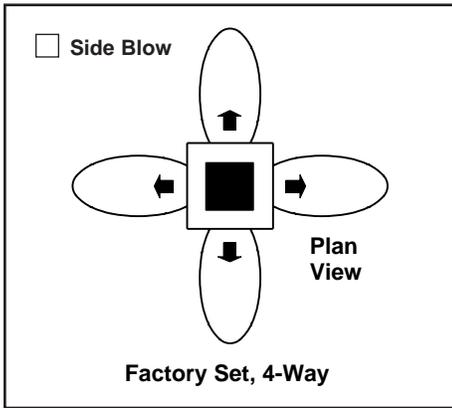
• Indicates available combination

All dimensions are in inches.

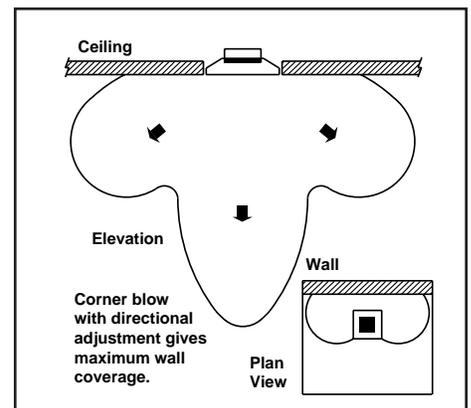
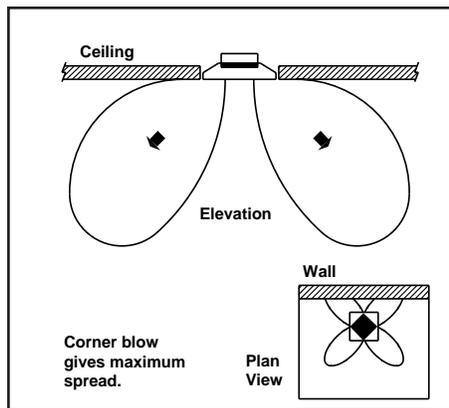
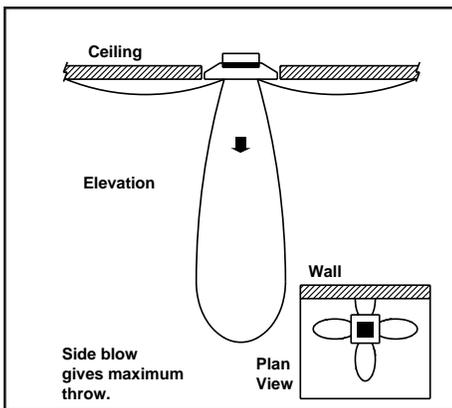
D-23.0-S

(Please see reverse side.)

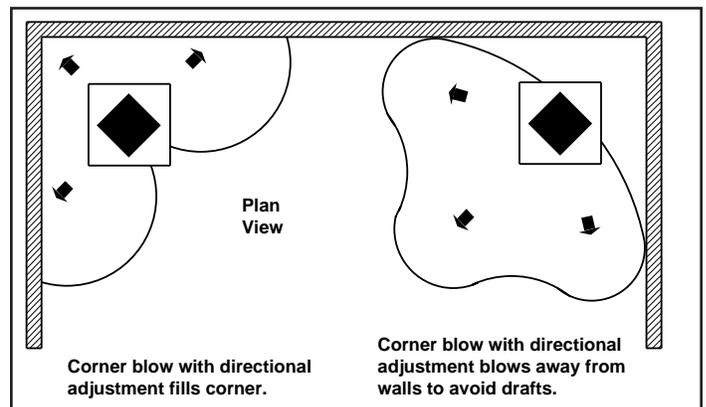
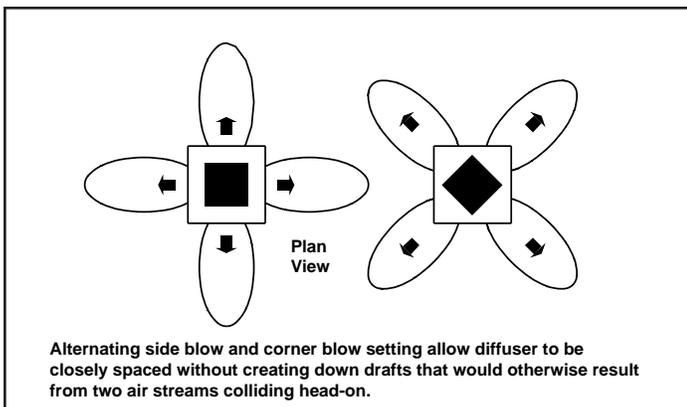
## Available Discharge Patterns



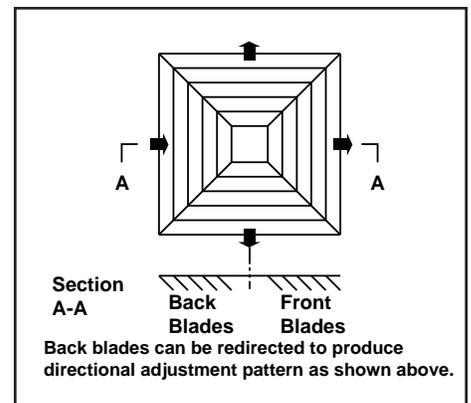
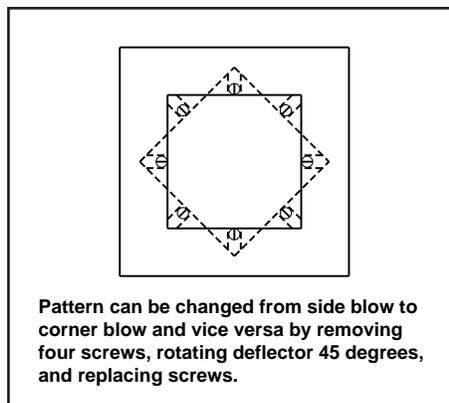
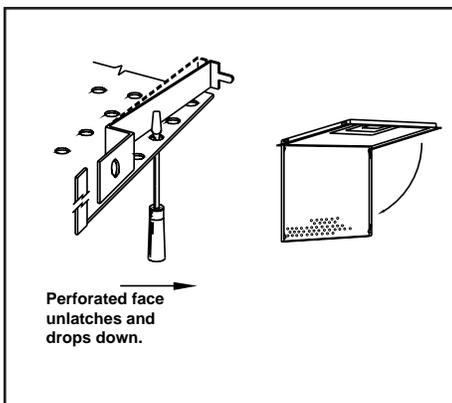
## Exterior Zone Applications Illustrating Wall Effect



## Interior Zone Applications



## Field Adjustments



# Accessories (Optional) for Round Neck

Check  if provided

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

① 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

② Model D-100 damper is available in duct sizes 6 thru 14 inches only.

Model D-75 Opposed Blade Damper  
 Model EG Equalizing Grid

③ Model D-75 damper is available in duct sizes 6 thru 12 inches only.

Model AG-85 Butterfly Damper  
 Model EG Equalizing Grid

④

Model AG-65 Combination Damper and Equalizing Grid

⑤

Model AG-75 Opposed Blade Damper  
 Model EG Equalizing Grid

Size	B
6-12	1 1/2
14-16	2 1/8

⑥

Dimension "A" in Inches, for Dampers Shown on Preceding Page and Below

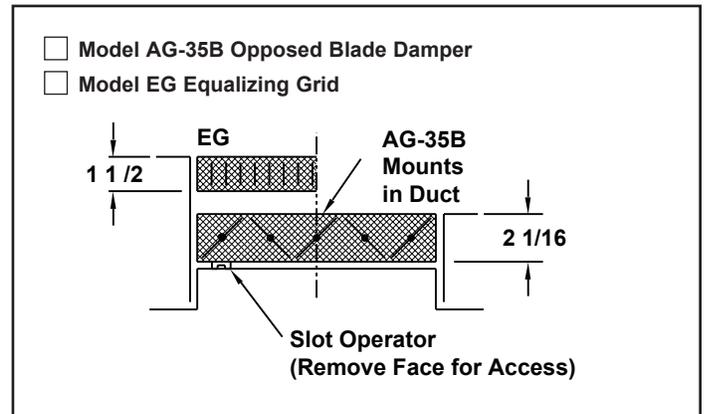
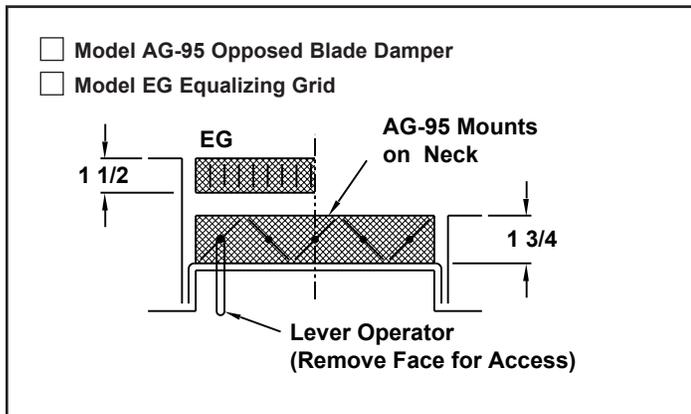
Accessories	Nominal Round Duct Sizes					
	6	8	10	12	14	16
① AG-100	—	—	—	—	—	N/A
② D-100	—	—	—	—	—	N/A
③ D-75	2 3/8	3 1/4	4 1/8	4 7/8	N/A	N/A
④ AG-85	2 1/2	3 1/2	4 1/2	5 1/2	6 1/2	7 1/2
⑤ AG-65	3 3/8	4 1/2	5 1/2	7 1/8	8 5/8	9 7/8
⑥ AG-75	4 1/4	5 1/8	6	6 7/8	2 3/4	3 1/2

**Notes ① and ②:**

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

## Accessories (Optional) for Rectangular Neck

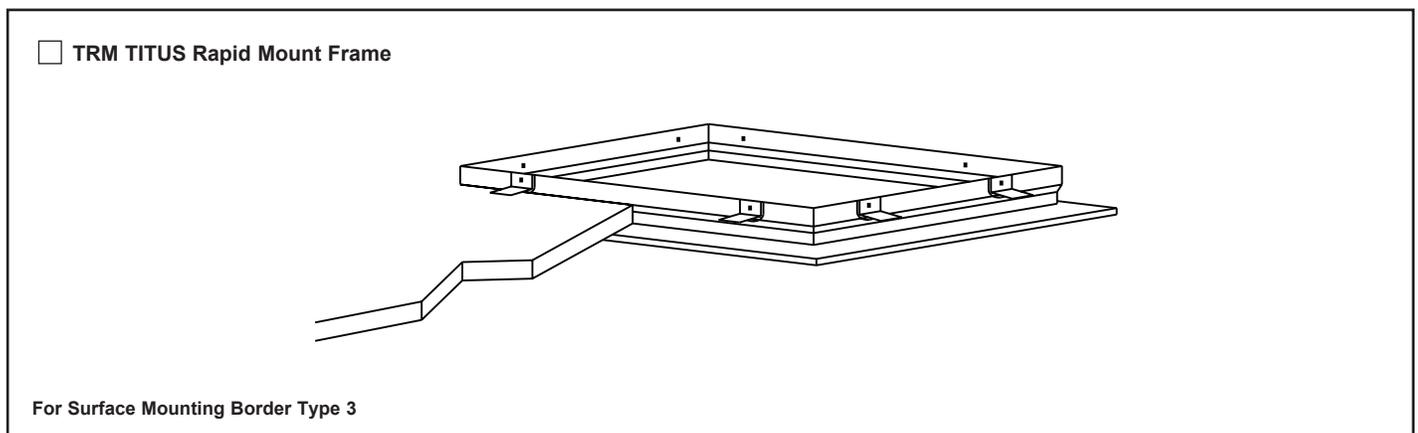
Check  if provided



All dimensions are in inches.

## Accessories (Optional)

Check  if provided



**Standard Finish:** #26 White

## General Description

- Model PSS-DF perforated star diffuser is designed to provide a high induction air pattern that maximizes throw distance.
- Excellent performance in variable air volume systems.
- PSS-DF deflector is mounted directly under the neck of the diffuser to generate the long-throw star pattern.
- Air direction can be field adjusted with no increase in pressure drop or sound level.

- Model PSS-DF is available with either side blow or corner blow. Side blow maximizes throw distance. Corner blow maximizes wall surface coverage in a perimeter installation.
- Model PSS-DF can be changed to either side blow or corner blow in the field.
- Vertical air pattern can be obtained by turning all deflector blades inward.
- Perforated face is hinged to allow access to the star deflector. The damper (where used) is adjustable after removal of the star deflector.

- Perforated face has  $\frac{3}{16}$ " diameter holes on  $\frac{1}{4}$ " staggered centers.
- Inlet collar is approximately  $1\frac{1}{2}$ " deep to allow easy duct connection.
- Material is heavy gauge steel.



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.

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