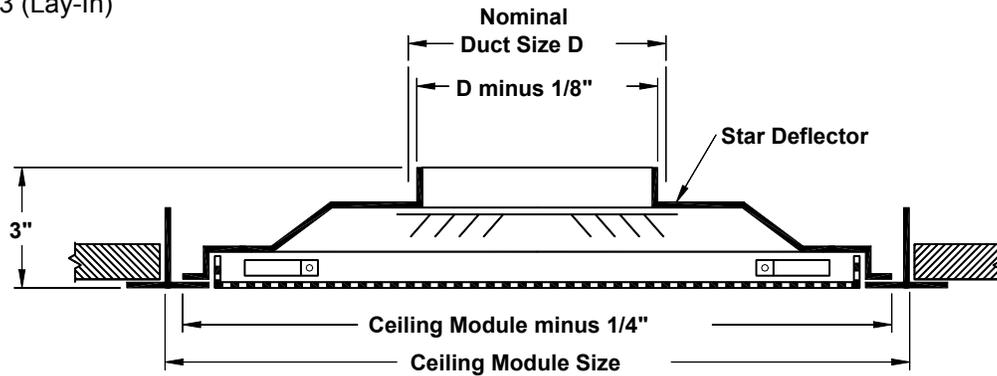
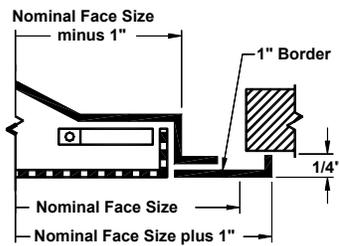
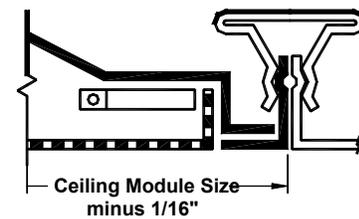
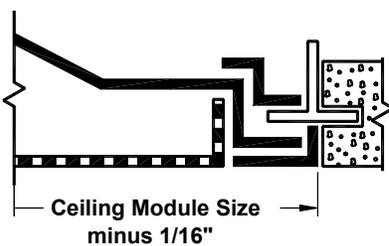
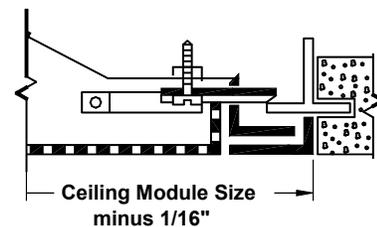


PSS-AA • Supply • Star Pattern

Perforated Ceiling Diffusers
Aluminum • Flush Face

 Border Type 3 (Lay-In)

 Border Type 1 (Surface Mount)

 Border Type 2 (Snap-In)

 Border Type 4 (Spline)

 Border Type 4SL (Spline Side Lock)


Note: 4SL can be installed after ceiling tiles are in place.

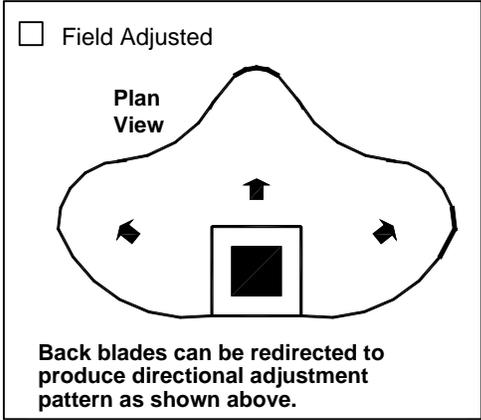
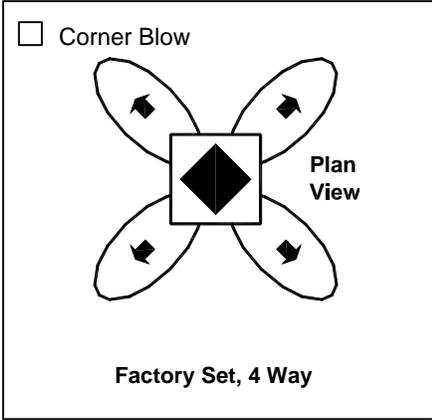
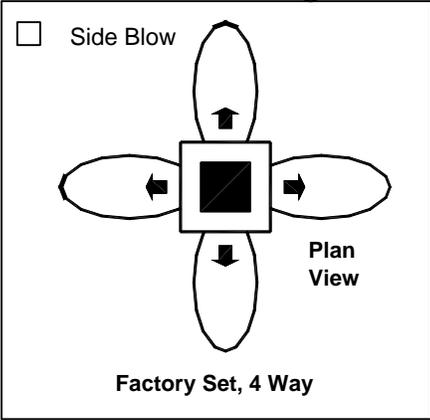
Available Sizes for Border Types 1, 2, 3, 4, 4SL

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

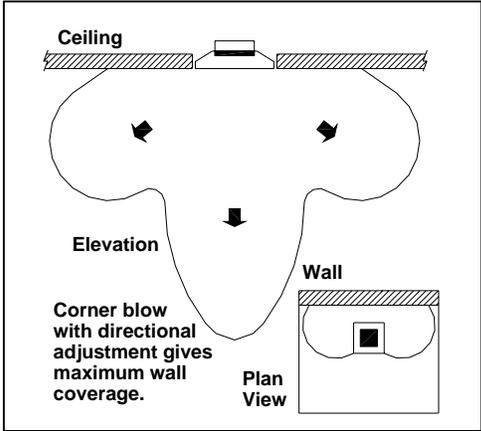
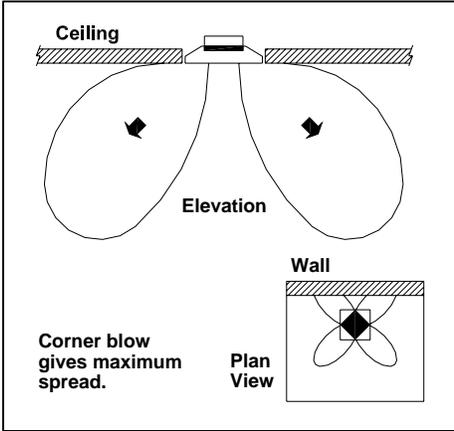
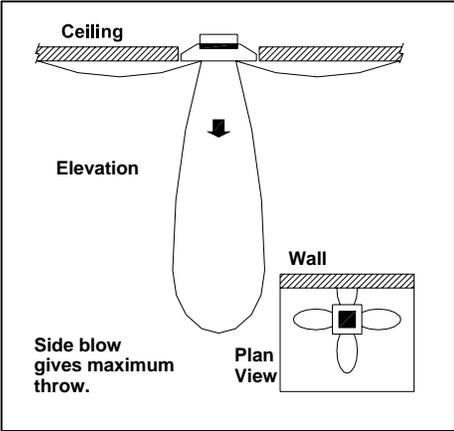
• Indicates available combination

All dimensions are in inches.

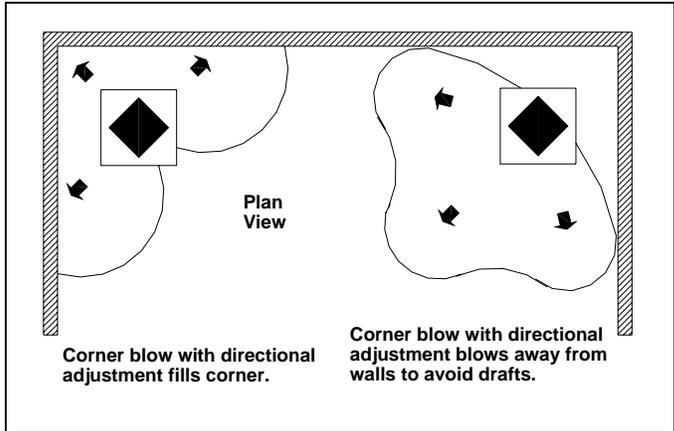
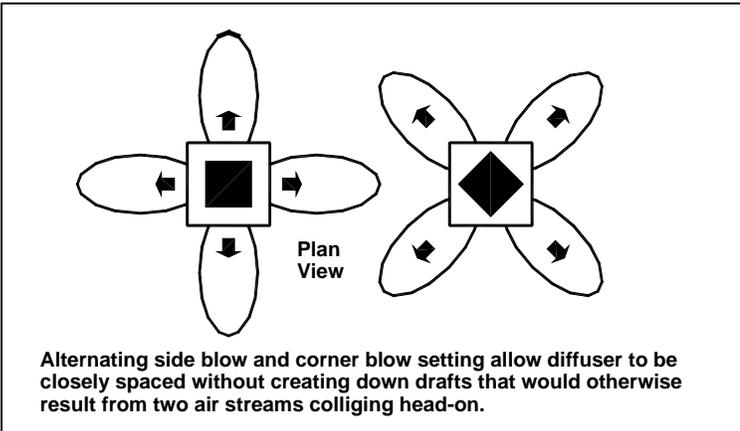
Available Discharge Patterns



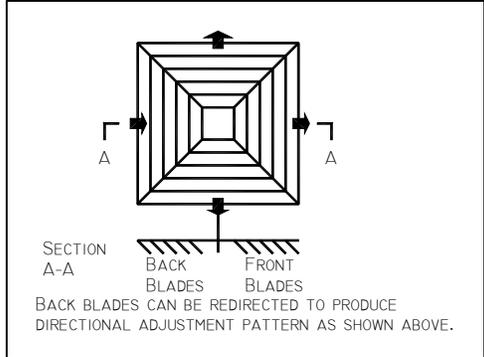
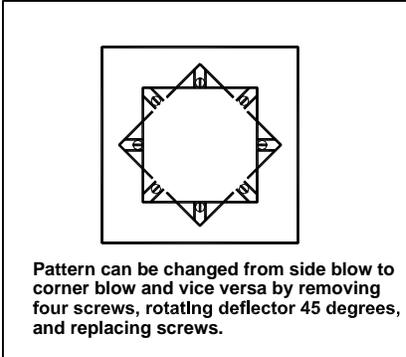
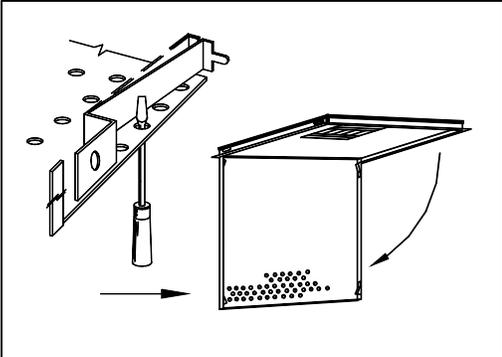
Exterior Zone Applications Illustrating Wall Effect



Interior Zone Applications



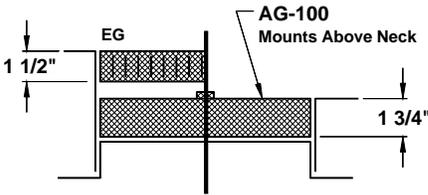
Field Adjustments



Accessories (Optional) for Round Neck

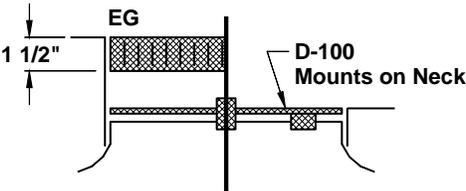
Check if provided.

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



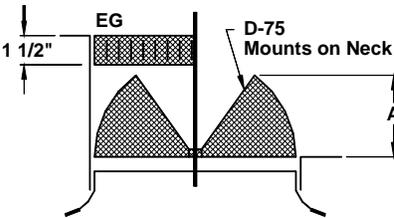
Model AG-100 damper is available in duct sizes 6 thru 14 inches only.

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



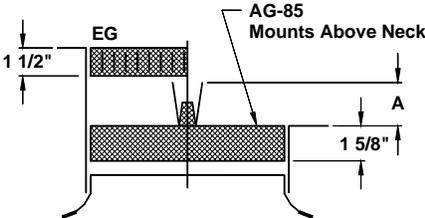
Model D-100 damper is available in duct sizes 6 thru 14 inches only.

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

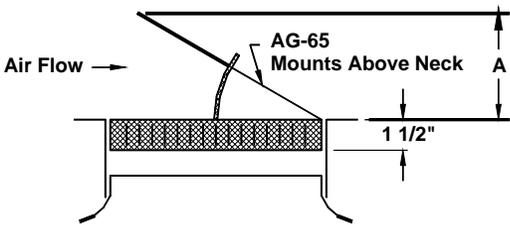


Model D-75 damper is available in duct sizes 6 thru 12 inches only.

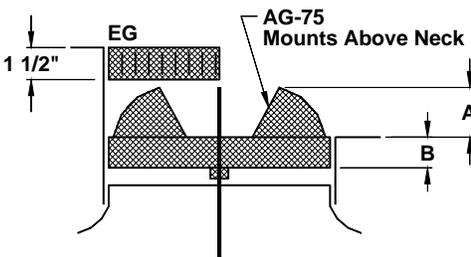
- Model AG-85 Butterfly Damper
- Model EG Equalizing Grid



- Model AG-65 Combination Damper and Equalizing Grid



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



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

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

Note: 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.

Model AG-95 Opposed Blade Damper
 Model EG Equalizing Grid

EG AG-95T Mountson Neck
 1 1/2" 1 3/4"
 Slot Operator (Type 1)
 (Remove Face for Access)

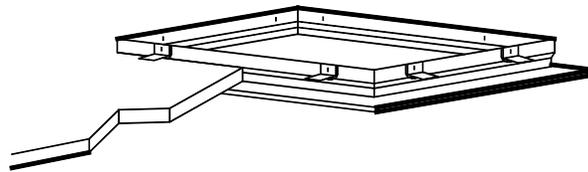
Model AG-35B Opposed Blade Damper
 Model EG Equalizing Grid

EG AG-35B Mounts in Duct
 1 1/2" 2 1/16"
 Slot Operator
 (Remove Face for Access)

Accessories (Optional)

Check if provided.

- TRM TITUS Rapid Mount Frame



For Surface Mounting Border Type 3

- IB Molded Insulation Blanket



Insulation is R-6 where blanket has the most depth. One-inch clearance on each side of neck is left for insulated duct connection. 24 x 24-inch module size only. Blanket is factory installed.

Standard Finish: #26 White

General Description

- Model PSS-AA perforated star diffuser is designed to provide a high induction air pattern that maximizes throw distance.
- Excellent performance in variable air volume systems.
- PSS-AA 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-AA 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-AA 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 3/16" diameter holes on 1/4" staggered centers.
- Inlet collar is approximately 1 1/2" deep to allow easy duct connection.
- Material is heavy gauge steel backpan with aluminum face.

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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