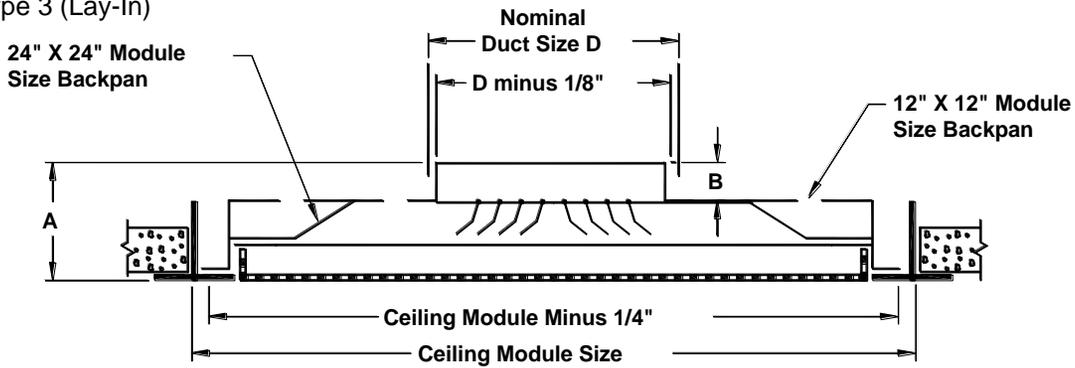


Perforated Ceiling Diffusers Aluminum • Flush Face • Curved Blade

Model: PCS-AA • Supply • 4-Way Adjustable Discharge Pattern

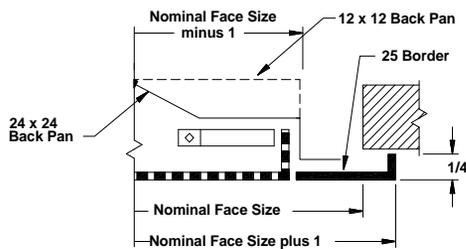
Border Type 3 (Lay-In)



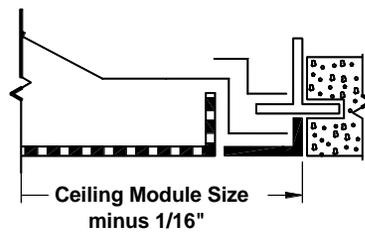
Face or Ceiling Module Size	Neck Sizes	Dimension	
		A	B
12 x 12	6, 8	4	2
12 x 12	6 x 6, 8 x 8	3 3/8	13/8
24 x 24	6, 8	3 1/4	1
	10, 12, 14, 16	3 3/4	1 1/2
24 x 24	6 x 6, 8 x 8, 10 x 10	3 3/4	1 1/2
	12 x 12, 15 x 15, 18 x 18	3 3/4	1 1/2

Note: See table below for back pan construction of available neck sizes.

Border Type 1 (Surface Mount)



Border Type 4 (Spline)



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	15 x 15	18 x 18	6" Dia.	8" Dia.	10" Dia.	12" Dia.	14" Dia.	16" Dia.
12 x 12				
24 x 24

• Indicates available combination

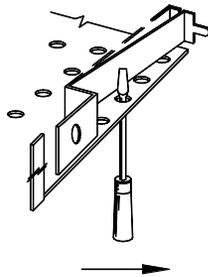
All dimensions are in inches.

Note: Shaded neck sizes indicate the die-stamped backpan shown above is used. The square backpan is used for all other neck sizes.

Removing Perforated Face

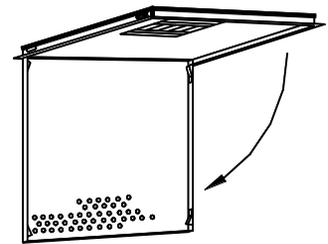
1. Insert small Screwdriver or other slim instrument to push latch inward from border.

2. Repeat on opposite side.



3. Face will now swing down with 2 remaining latches acting as hinges.

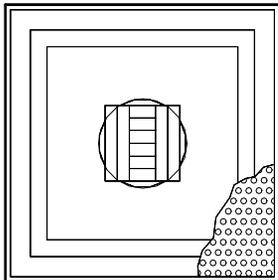
For complete removal, release 2 remaining latches at left.



Adjusting Pattern Controllers

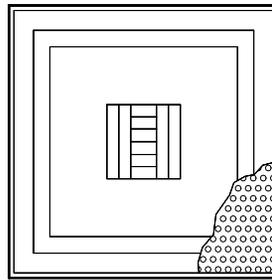
Check if provided.

Round Neck • 4-Way (standard)



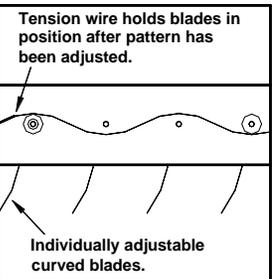
The pattern deflector in the neck of the diffuser consists of individually adjustable blades. These blades vary the discharge pattern from full horizontal to vertical and also damper the air volume.

Square Neck • 4-Way (standard)



The standard Model PCS diffuser has a 4-Way discharge pattern. Also available are:

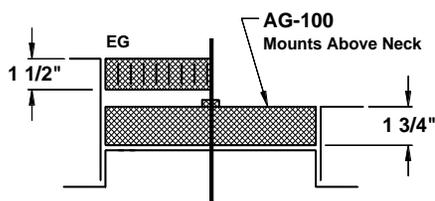
- 1-Way
- 2-Way Corner
- 2-Way Opposite
- 3-Way



Accessories (Optional) for Round Neck

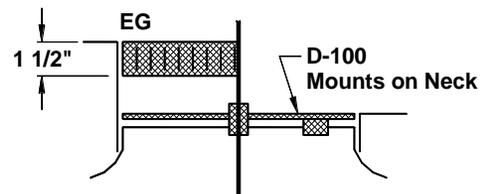
Check if provided.

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



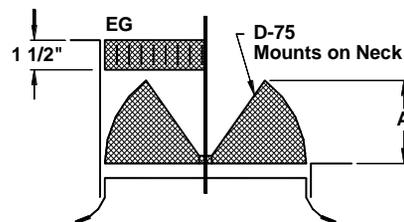
Model AG-100 damper is available in duct sizes 6 thru 14 inches only.

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



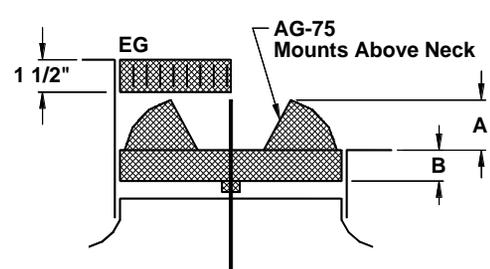
Model D-100 damper is available in duct sizes 6 thru 14 inches only.

- 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-75 Opposed Blade Damper
- Model EGT Equalizing Grid



Accessories (Optional) for Round Neck, continued

Dimension "A" in Inches, for Dampers Shown Above

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

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
 EQT Earthquake Tabs (2 per Diffuser)

Accessories	Nominal Round Duct Sizes					
	6 x 6	8 x 8	10 x 10	12 x 12	15 x 15	18 x 18
<input type="checkbox"/> AG-95	•	•	•	•	•	•
<input type="checkbox"/> EGT	•	•	•	•	•	•
<input type="checkbox"/> EQT	•	•	•	•	•	•

Accessories (Optional)

Check if provided.

TRM TITUS Rapid Mount Frame

For Surface Mounting Border Type 3

Standard Finish: #26 White

General Description

- Model PCS-AA flush face perforated ceiling diffusers are designed to maximize throw.
- Excellent performance in variable air volume systems.
- Discharge pattern can be adjusted from horizontal to vertical. Can be adjusted before or after installation.
- Discharge pattern is easily adjusted by dropping the perforated face (see Page 2) and adjusting the curved blades.
- Dropping the perforated face also gives access for adjusting the optional dampers.
- 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 aluminum face with steel backpan.

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.

All rights reserved. No part of this work may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying and recording, or by any information storage retrieval system without permission in writing from Air Distribution Technologies.