

## Perforated Ceiling Diffusers Steel • Fire Rated • Flush Face

Model PAS-FR • Supply • 1, 2, 3 or 4 Way Adjustable Discharge Pattern

Border Type 3 (Lay-In) With Fire Damper

UNDERWRITERS LABORATORIES INC.  
 CLASSIFIED  
 CEILING AIR DIFFUSERS  
 TESTED IN ACCORDANCE WITH UL 263.

Face or Ceiling Module Size	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 12	•				•					
24 x 24	•	•	•	•	•	•	•	•	•	•

• Indicates Available Combination

### Accessories (Optional)

Check  selection

Fire Damper with Extended Neck

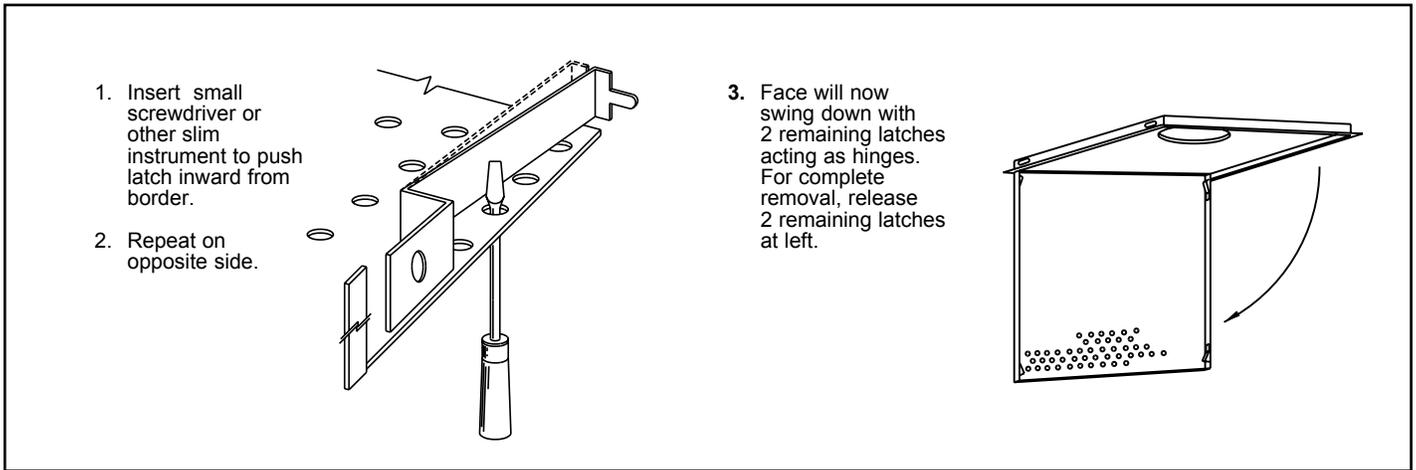
Duct Size D (Round/Square)	Extended Neck Height - H	
	Round	Square
6" Dia./6" x 6"	8 3/4"	8 1/4"
8" Dia./8" x 8"	8 3/4"	8 1/4"
10" Dia./10" x 10"	8 3/4"	8 1/4"
12" Dia./12" x 12"	10 3/4"	10 1/4"
14" Dia./ —	10 3/4"	—
16" Dia./ —	—	—

UL Listed Fusible Volume Adjustment Control – Allows adjustment of fire damper blades to balance airflow. A standard 3/16" hex key (by others) is required for adjustment.

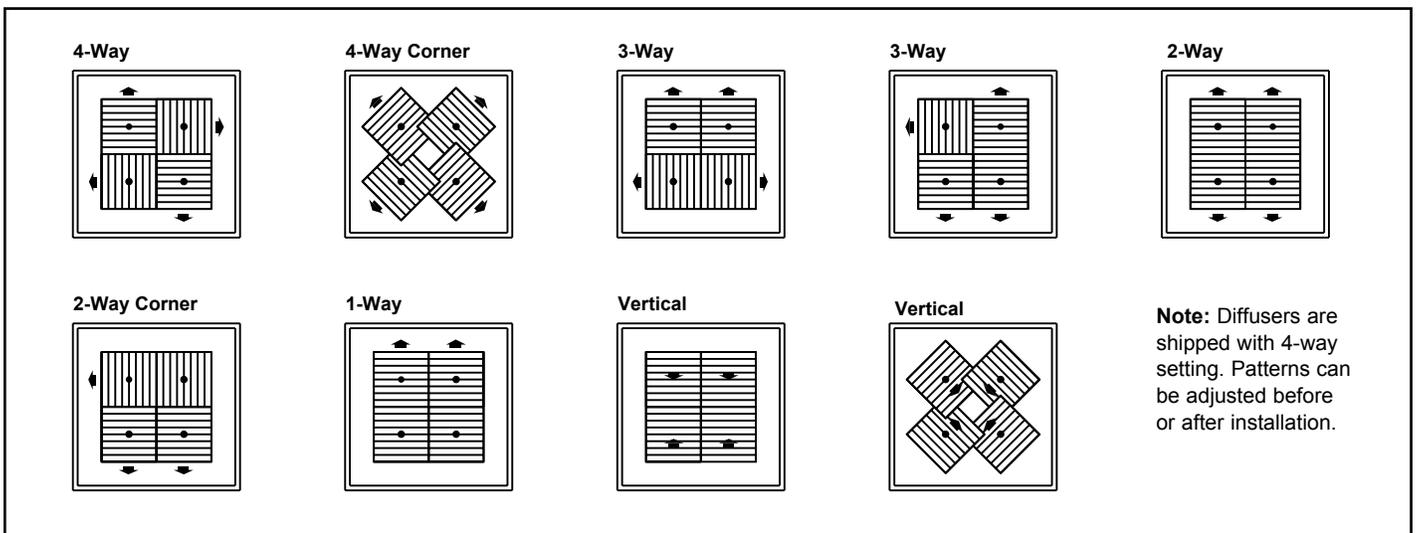
### Other Accessories (Optional)

Fusible Link 165° F (212° F is standard.)

## Removing Perforated Face



## Adjusting Pattern Controllers



**Standard Finish:** #26 White

## General Description

- PAS-FR is a UL Classified Fire Rated Ceiling Diffuser Assembly listed in The Underwriters Laboratories "Fire Resistance Directory."
- The Ceiling Diffuser Assembly has a fire resistance rating of 3 hours or less when installed in accordance with the installation instructions.
- This flush face perforated ceiling diffuser is designed to provide a uniform circular pattern.
- Excellent performance in variable air volume systems.
- Tight, uniform horizontal blanket of air protects the ceiling against smudging.
- Discharge pattern can be adjusted to vertical as well as to 1, 2, 3 or 4-way horizontal. Can be adjusted before or after installation.
- Discharge pattern is easily adjusted by dropping the perforated face (above) and rotating pattern controllers.
- Optional volume adjustment damper control is easily adjusted by dropping the perforated face (see above).
- Perforated face has  $\frac{3}{16}$ " diameter holes on  $\frac{1}{4}$ " staggered centers.
- Material is heavy gauge steel.



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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