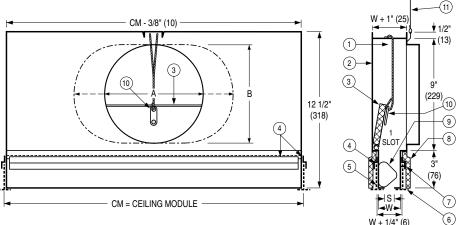


# FIRE RATED PLENUM SLOT DIFFUSER CURVED BLADE 'FLIP FLOP' PATTERN CONTROLLERS • 3 HR. RATING

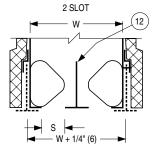
**MODEL: 5575** 





### **MODEL 5575**

3/4" (19) Slot width 1, 2, 3 and 4-slot models available.



## **DESCRIPTION:**

- 1. The 5500 Series is a UL Classified fire rated Air Terminal Unit listed in Underwriters Laboratories Fire Resistance Directory. All diffusers are classified for use in UL/ULC restrained or unrestrained floor/ceiling and or roof/ceiling assemblies which incorporate an exposed grid suspended ceiling (lay-in T-bar) with up to a 3 hour rating. For details of fire rated assemblies, see the current UL or ULC Fire Resistance Directory.
- 2. Construction: Corrosion resistant steel. U.L. Listed fusible link. 165°F (74°C) is standard.
- 3. Finish: Black pattern controllers and exposed surfaces. AW Appliance White on center T-Rars
- 'Flip-flop' pattern controllers provide a tight horizontal ceiling pattern. An excellent choice for VAV systems.
- Standard nominal lengths: 20", 24", 36", 48" and 60" (500, 600, 900, 1200 and 1500).
   Standard inlet sizes: 5", 6", 7", 8" (127, 152, 178, 203) are round. Oval sizes are 9", 10" and 12" (229, 254 and 305).
  - \* For installation instructions, see IOM-FRPINST.

## ITEMS:

- 1. Fusible link damper support chain.
- Diffuser casing.
- 3. Insulated, hinged damper blade.
- 4. Clip for ceiling grid member 4 sides.
- 5. Existing grid member.
- 6. Supplementary ceiling grid member. UL Listed (optional or by others).
- 7. #8 screws for grid member attachment.
- 8. Thermal shroud.
- Adjustable pattern controller. The position can be as shown or rotated 180° to opposite position.
- 10. U.L. Listed fusible link.  $165^{\circ}F$  ( $74^{\circ}C$ ) is standard.
- 11. Hanger wire at casing mid-point.
- 12. Intermediate grid bars supplied and installed by factory.

### **OPTIONS:**

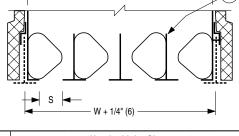
- 2. 

  EX External Foil Back Insulation.
- Supplementary ceiling grid (T-Bar) member (UL Listed).
  - ☐ T1 One (inlet side).
  - ☐ T0 One (opposite inlet side).

		S = 3/4" (19)	
W (Width)	1 slot	1 11/16" (43)	
	2 slot	3 3/8" (86)	
	3 slot	5 1/16" (129)	
	4 slot	6 3/4" (171)	

W (12)
S W + 1/4* (6)

3 SLOT



4 SLOT

	Nominal Inlet Size						
	6" (152) Round	8" (203) Round	10" (254) Oval	12" (305) Oval			
Α	5 7/8" (149)	7 7/8" (200)	11" (279)	14 1/8" (359)			
В	-	ı	7 7/8" (200)	7 7/8" (200)			

SCHEDULE TYPE:	Dimensions are in inches (mm).			
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	3 - 13 - 25	5500	1 - 16 - 17	5500-1