



**PLENUM SLOT DIFFUSER**  
**SUPPLY • ADJUSTABLE**  
**"FLIP-FLOP" PATTERN CONTROLLERS**  
**MODEL: 5675 AND 5610**

**DESCRIPTION:**

1. The 5600 Series Plenum Slot Ceiling Diffusers have been designed for standard lay-in T-Bar ceiling grid applications. They integrate and blend with the suspended grid, so offering an extremely unobtrusive method of air distribution. Designed with the popular 3/4" (19) and 1" (25) slot spacing, the 5600 Series design offers high performance and extremely good value, where budgetary restraints are a consideration.
2. The 5600 Series features a roll-formed curved blade pattern controller in each slot. Aerodynamically designed to produce a fixed horizontal discharge pattern, the controller is pivoted at either end and may be simply rotated with fingers from the diffuser face for either a left or right discharge direction. In either horizontal discharge setting, the coanda effect is maximized and a tight blanket of air is projected across the ceiling. The horizontal pattern is maintained throughout a wide range of catalogued air volumes from maximum to minimum flow. Factory furnished center tees are dropped below diffuser face to match the ceiling grid. They are an excellent choice for VAV applications.

Standard nominal lengths: 20", 24", 30", 36", 48" and 60" to suit imperial ceiling grids. 500, 600, 750, 900, 1200 and 1500 mm to suit metric grids.

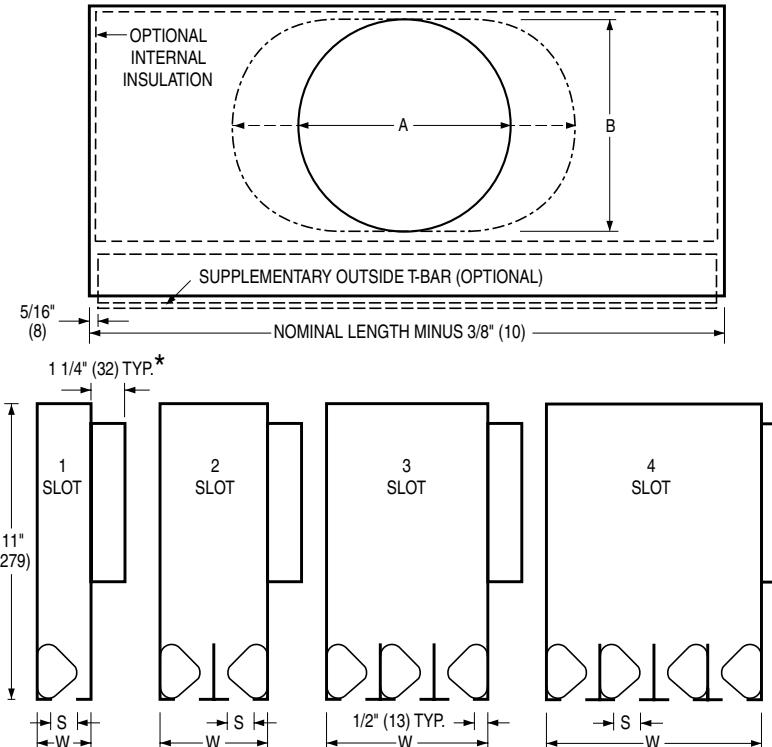
Number of slots: Choice of 1, 2, 3 or 4 slot configurations.

Standard inlet sizes: 6", 8", 10" and 12" (152, 203, 254 and 305). Other sizes are available.

3. Material: Corrosion resistant steel for plenum, pattern controllers and center tees.
4. Standard Finish:  
 BK Black pattern controllers and exposed surfaces.  
 AW Appliance White on center T-bars.

**OPTIONS:**

1.  EX External Foil Back Insulation
2. Internal Insulation
  - a.  Model 5675I  Model 5610I
  - b.  FGI 1/4" (6) Coated Fiberglass (standard)
  - FFI 3/8" (10) Fiber-free foam
3.  ID Inlet Damper
4.  CN Cross Notch. Bisects diffuser length to allow a 48" (1200) unit to install in a 2' x 2' (600 x 600) grid.
5.  PF Plaster Frame
6. Supplementary T-Bars
  - T1 One (inlet side)
  - T0 One (opposite inlet side)
  - T2 Two (both sides)
7. Mounting Clips
  - M1 One side (2 opposite inlet side)
  - M2 Both sides (4)
8. T-Bar Finish (multi-slot and supp. T-Bars only)
  - BK Black T-Bar finish
9.  SP Special features \_\_\_\_\_.



\* 4" (102) WITH OPTIONAL ID INLET DAMPER

**MODEL 5675**  
 3/4" (19) Slot width

**MODEL 5610**  
 1" (25) Slot width

		S Slot Width	
		3/4" (19)	1" (25)
W Width	1 Slot	1 3/4" (44)	2" (51)
	2 Slot	3 1/2" (89)	4" (102)
	3 Slot	5 1/4" (133)	6" (152)
	4 Slot	7" (178)	8" (203)

	Nominal Inlet Size			
	6" (152) Round	8" (203) Round	10" (254) Oval	12" (305) Oval
A	5 7/8" (149)	7 7/8" (200)	11" (279)	14 1/8" (359)
B	—	—	7 7/8" (200)	7 7/8" (200)

**SCHEDULE TYPE:**

Dimensions are in inches (mm).

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

DATE	B SERIES	SUPERSEDES	DRAWING NO.
1 - 15 - 26	5600	5 - 17 - 18	5600-1