



PLENUM SLOT DIFFUSER
SUPPLY • ADJUSTABLE
"WIPER BLADE" PATTERN CONTROLLERS
MODEL: 5750, 5775, 5710 AND 5715

DESCRIPTION:

1. The 5700 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.

2. The 5700 Series incorporates an extruded aluminum adjustable pattern controller. The direction of airflow is adjustable from the face through a full 180°. The controller incorporates a soft gasket seal that seats against the inside of the plenum casing or center tee on multi-slot models in the horizontal setting, ensuring a tight projection of air across the ceiling. The horizontal pattern is maintained throughout a wide range of cataloged air volumes from maximum to minimum flow. They offer the discerning engineer and architect premium quality construction and design features, making them an excellent choice for VAV applications. Factory furnished center tees are dropped below diffuser face to match the ceiling grid.

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.

Slot width: Choice of 1/2", 3/4", 1" and 1 1/2" (13, 19, 25 and 38).

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.

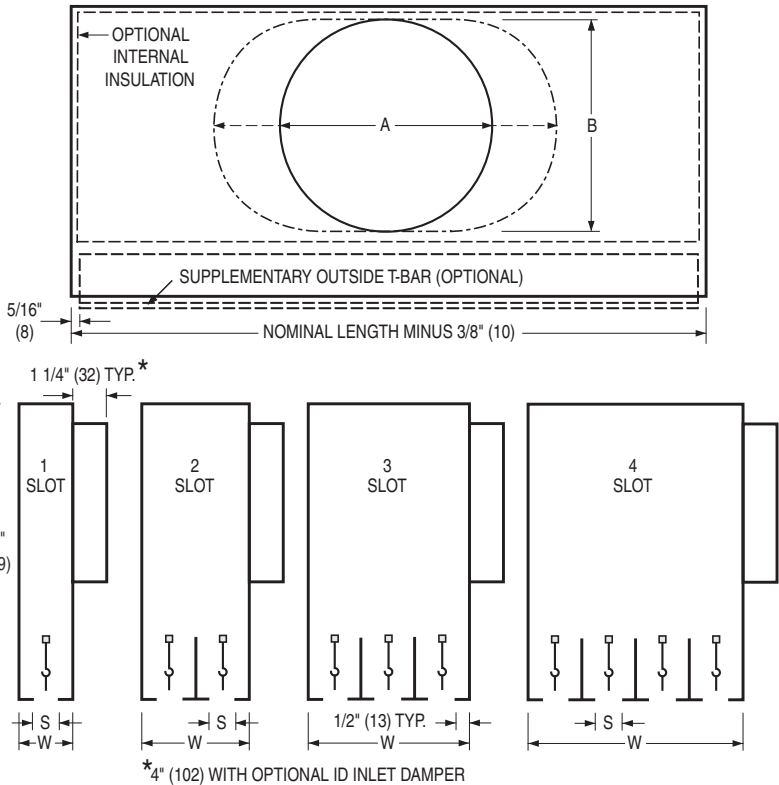
4. The pattern controller is split mid-way on units 36" (900) long and over. This allows a 2-way opposite blow pattern from a single slot.

5. Material: Corrosion resistant steel for plenum, pattern controllers and center tees.

6. 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 5750I Model 5710I
 - Model 5775I Model 5715I
 - 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. SP Special features _____ .



- MODEL 5750**
1/2" (13) Slot width
- MODEL 5775**
3/4" (19) Slot width
- MODEL 5710**
1" (25) Slot width
- MODEL 5715**
1 1/2" (38) Slot width

		S Slot Width			
		1/2" (13)	3/4" (19)	1" (25)	1 1/2" (38)
W Width	1 Slot	1 1/2" (38)	1 3/4" (44)	2" (51)	2 1/2" (64)
	2 Slot	3" (76)	3 1/2" (89)	4" (102)	5" (127)
	3 Slot	4 1/2" (114)	5 1/4" (133)	6" (152)	7 1/2" (191)
	4 Slot	6" (152)	7" (178)	8" (203)	10" (254)

		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:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	3 - 1 - 16	5700	11 - 11 - 13	5700-1	