



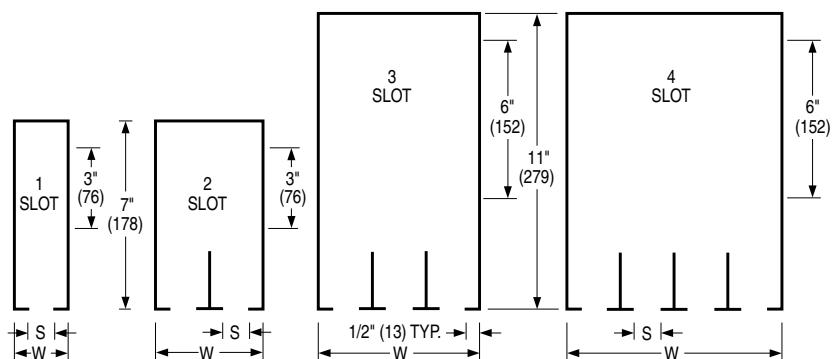
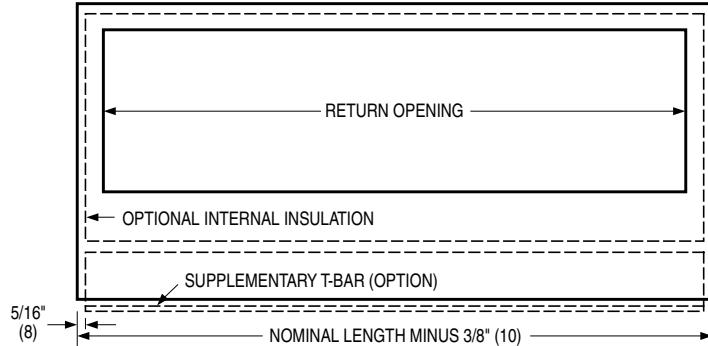
PLENUM SLOT DIFFUSER
RETURN AIR UNIT WITH LIGHT BARRIER
MODEL: 5850R, 5875R AND 5810R

DESCRIPTION:

1. The 5800R Series is designed as a matching return unit to complement the Series 5800 supply unit. They return room air to the ceiling plenum in ductless return applications.
2. The 5800R Series has been especially designed to integrate with standard lay-in T-bar ceiling grids. 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" and 1" (13, 19 and 25). Number of slots: Choice of 1, 2, 3 or 4 slot configurations.
3. Barrier stops light from ceiling plenum and also prevents see through.
4. Material: Corrosion resistant steel for plenum and center T-bars. Factory furnished center tees are dropped below diffuser face to match the ceiling grid.
5. Standard Finish:
 BK Black on exposed surfaces.
 AW Appliance White on center T-bars.

OPTIONS:

1. EX External Foil Back Insulation
2. Internal Insulation
 - a. Model 5850RI Model 5875RI
 Model 5810RI
 - b. FGI 1/4" (6) Coated Fiberglass (standard)
 FFI 3/8" (10) Fiber-free foam
3. CN Cross Notch. Bisects diffuser length to allow a 48" (1200) unit to install in a 2' x 2' (600 x 600) grid.
4. PF Plaster Frame
5. Supplementary T-Bars
 - T1 One (inlet side)
 - T0 One (opposite inlet side)
 - T2 Two (both sides)
6. Mounting Clips
 - M1 One side (2 opposite inlet side)
 - M2 Both sides (4)
7. T-Bar Finish (multi-slot and supp. T-Bars only)
 - BK Black T-Bar finish
8. SP Special features _____.



MODEL 5850R **MODEL 5810R**
 1/2" (13) Slot width 1" (25) Slot width
 MODEL 5875R
 3/4" (19) Slot width

	W Width	S Slot Width		
		1/2" (13)	3/4" (19)	1" (25)
	1 Slot	1 1/2" (38)	1 3/4" (44)	2" (51)
	2 Slot	3" (76)	3 1/2" (89)	4" (102)
	3 Slot	4 1/2" (115)	5 1/4" (133)	6" (152)
	4 Slot	6" (152)	7" (178)	8" (203)

SCHEDULE TYPE:

Dimensions are in inches (mm).

PROJECT:

ENGINEER:

DATE	B SERIES	SUPERSEDES	DRAWING NO.
1 - 15 - 26	5800	11 - 11 - 13	5800-2

CONTRACTOR: