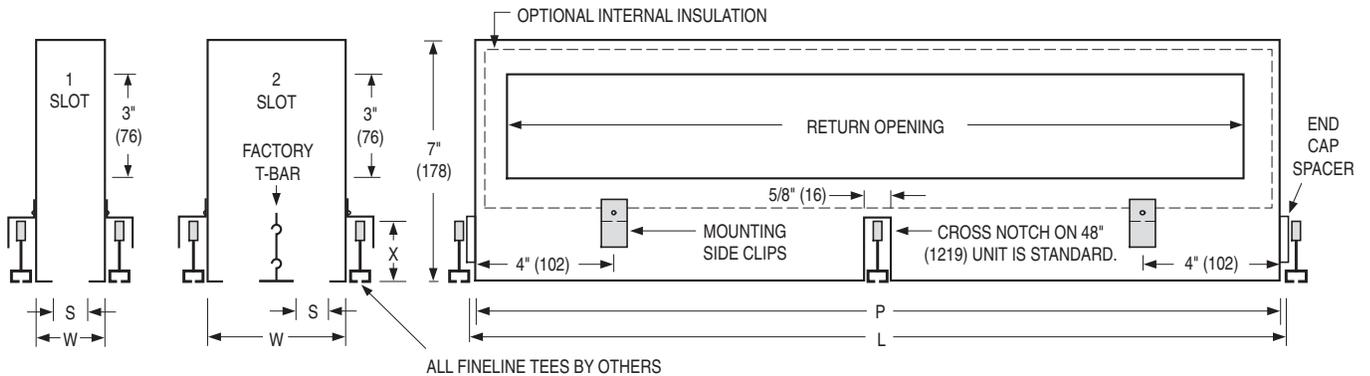




**PLENUM SLOT DIFFUSER
FOR NARROW REGRESSED T-BAR CEILING SYSTEMS
RETURN AIR UNIT WITH LIGHT BARRIER
MODELS: 5850R-F2, 5875R-F2 AND 5810R-F2**



DESCRIPTION:

1. The 5800R-F2 Series is designed as a matching return unit to complement the 5800-F2 Series supply unit.

2. The 5800R-F2 Series has been specially developed to integrate with and complement 'Fineline®' type suspended ceiling grids.

Available in 24" (600) or 48" (1200) nominal lengths to suit both imperial and metric ceiling grids. A choice of three slot widths and one, two, three or four slot configurations are available.

The single slot units are for installation alongside a main T-Bar runner. Multi-slot units incorporate factory installed 1" (25) flat face T-Bars.

3. Light barrier blocks light from ceiling plenum and also prevents see-through.

4. Material: Corrosion resistant steel.

5. Finish: AW Appliance White on center T-Bars.
BK Black on exposed surfaces.

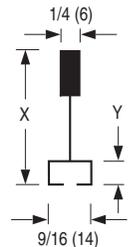
SPECIFIED T-BAR: A C D

OPTIONS:

- 1. EX External Foil Back Insulation
- 2. Internal Insulation
 - a. Model 5850RI-F2 Model 5875RI-F2 Model 5810RI-F2
 - b. FGI 1/4" (6) Coated Fiberglass (standard)
 - FFI 3/8" (10) Fiber-free foam
- 3. CN Cross Notch. For 48" (1219) nominal length diffusers.
The vast majority of ceiling systems utilize a 2' x 2' (610 x 610) grid and require this option.
- No Cross Notch on 48" (1219) units.

Imperial Ceiling Modules (inches)

Nominal Length	Overall Length L	Plenum Length P
24	23 3/4	23 3/8
48	47 3/4	47 3/8



Metric Ceiling Modules (mm)

Nominal Length	Overall Length L	Plenum Length P
600	594	584
1200	1194	1184

Model	S Slot Width	Width W			
		1 Slot	2 Slot	3 Slot	4 Slot
5850R-F2	1/2" (13)	1 1/2" (38)	3" (76)	4 1/2" (114)	6" (152)
5875R-F2	3/4" (19)	1 3/4" (44)	3 1/2" (89)	5 1/4" (133)	7" (178)
5810R-F2	1" (25)	2" (51)	4" (102)	6" (152)	8" (203)

T-Bar Type (Manufacturer)	X	Y
A Chicago Metallic Ultraline	1 3/4" (44)	5/16" (8)
C Certainteed Smoothline	1 5/8" (41)	5/16" (8)
D Donn Fineline	1 25/32" (45)	5/16" (8)

Fineline® is a registered trademark of USG Interiors Inc.

SCHEDULE TYPE:		Dimensions are in inches (mm).			
PROJECT:					
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.	
CONTRACTOR:	8 - 1 - 15	5700	11 - 11 - 13	5800-F4	