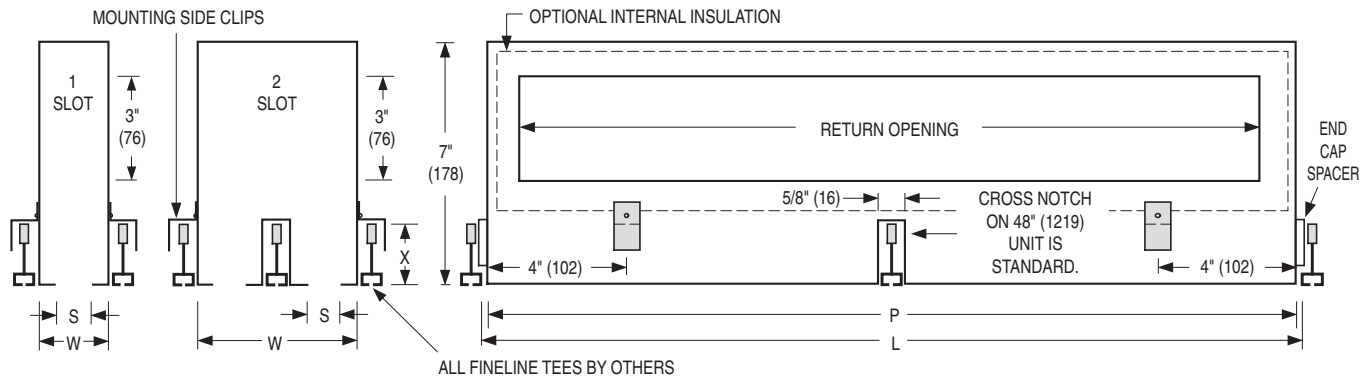




**PLENUM SLOT DIFFUSER
FOR NARROW REGRESSED T-BAR CEILING SYSTEMS
RETURN AIR UNIT WITH LIGHT BARRIER
MODELS: 5850R-F, 5875R-F AND 5810R-F**



DESCRIPTION:

1. The 5800R-F Series is designed as a matching return unit to complement the 5800-F Series supply unit.
2. The 5800R-F 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 or two slot configurations are available.

The single slot units are for installation alongside a main T-Bar runner. Two slot units incorporate a center hat channel and are designed to straddle longitudinally a main T-Bar runner.

3. Light barrier blocks light from ceiling plenum and also prevents see-through.
4. Material: Corrosion resistant steel.
5. Finish: BK Black on exposed surfaces.

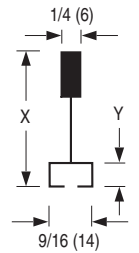
SPECIFIED T-BAR: A C D

OPTIONS:

1. EX External Foil Back Insulation
2. Internal Insulation
 - a. Model 5850RI-F Model 5875RI-F Model 5810RI-F
 - 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
5850R-F	1/2" (13)	1 1/2" (38)	3 5/8" (92)
5875R-F	3/4" (19)	1 3/4" (44)	4 1/8" (105)
5810R-F	1" (25)	2" (51)	4 5/8" (117)

T-Bar Type (Manufacturer)		X	Y
A	Chicago Metallic Ultraline	1 3/4" (44)	5/16" (8)
C	Certaiteed 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	5800	11 - 11 - 13	5800-F2	