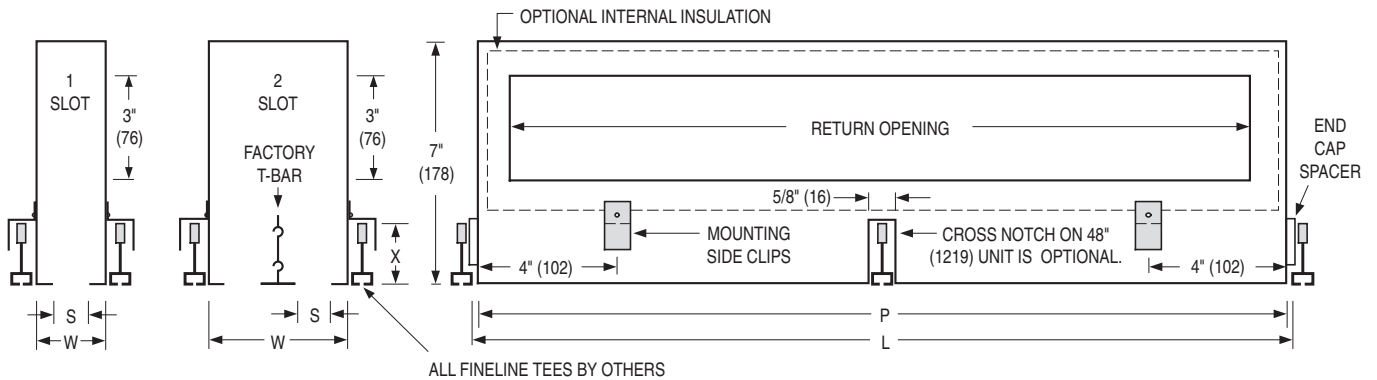




**PLENUM SLOT DIFFUSER
FOR NARROW REGRESSED T-BAR CEILING SYSTEMS
RETURN AIR UNIT WITH LIGHT BARRIER
MODELS: 5850R-F2, 5875R-F2 AND 5810R-F2**



DESCRIPTION:

1. The 5800R-F2 Series is designed as a matching return unit to compliment the 5800-F2 Series supply unit.
2. The 5800R-F2 Series has been specially developed to integrate with and compliment '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 T-Bars.
BK Black pattern controllers and exposed surfaces.

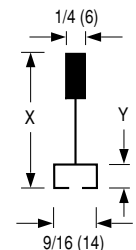
SPECIFIED T-BAR: A C D

OPTIONS:

1. Internal Insulation
 - Model 5850RI-F2
 - Model 5875RI-F2
 - Model 5810RI-F2
2. 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.

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 ARMSTRONG SILHOUETTE	1 3/4 (44)	5/16 (8)
C CHICAGO METALLIC ULTRALINE	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:	10 - 31 - 01	5700	31 - 1 - 00	5800-F4	