



Introduction: PTBR, PFTBR

The PTBR (or fire rated, PFTBR) series plenum slot return diffuser is designed for non-ducted return air systems. The plenum is an integral part of the diffuser and has a slotted opening above the ceiling. The PTBR face is designed to match the PTBS, PTBA, and PTBSS supply units.

MODELS

PTBR - Plenum Slot Return

PFTBR - Fire Rated, Plenum Slot Return

FEATURES

- Slots: 1, 2, 3, or 4.
- Slot Widths: 3/4", 1", and 1 1/2".
- Lengths: 24", 36", 48", and 60".
- Double metal thickness at slot face for rigidity and straightness.

ACCESSORIES

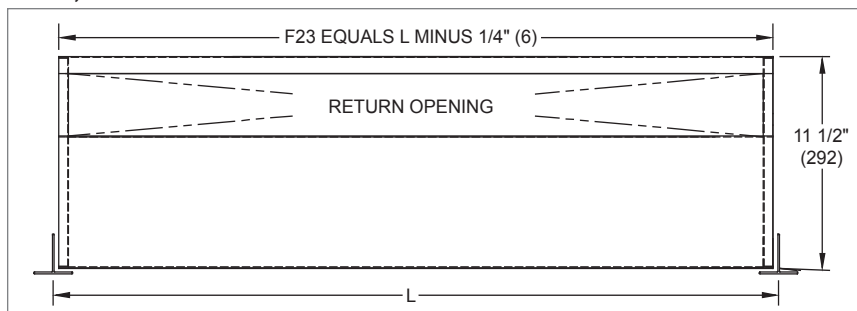
- Factory Installed T-Bars
- Plaster Frame

FINISHES

- Standard finish is black face with optional white tees.
- Optional finishes available.

PTBR Dimensional Information

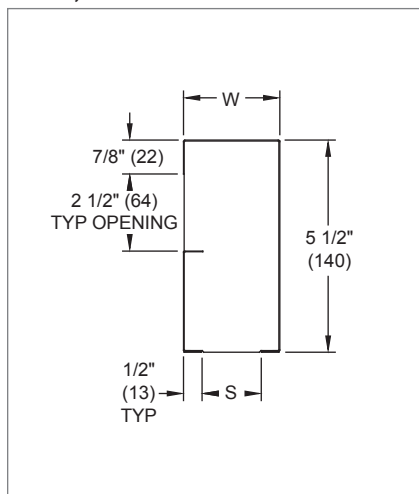
PTBR, RETURN OPENING SIDE VIEW



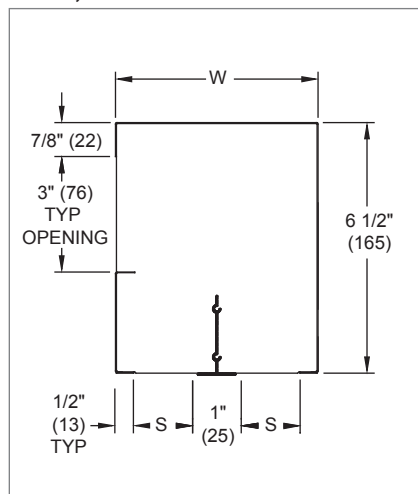
PTBR, AVAILABLE SIZES

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

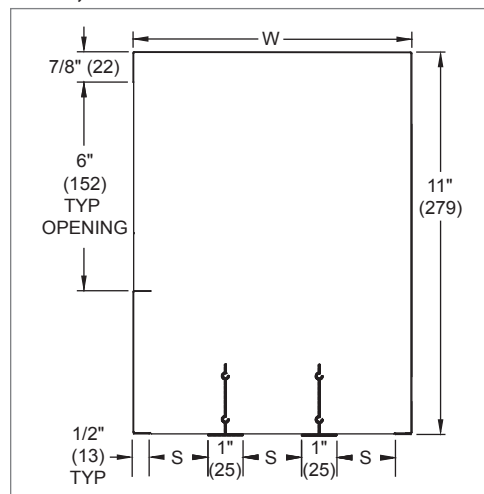
PTBR, 1-SLOT CROSS SECTION



PTBR, 2-SLOT CROSS SECTION



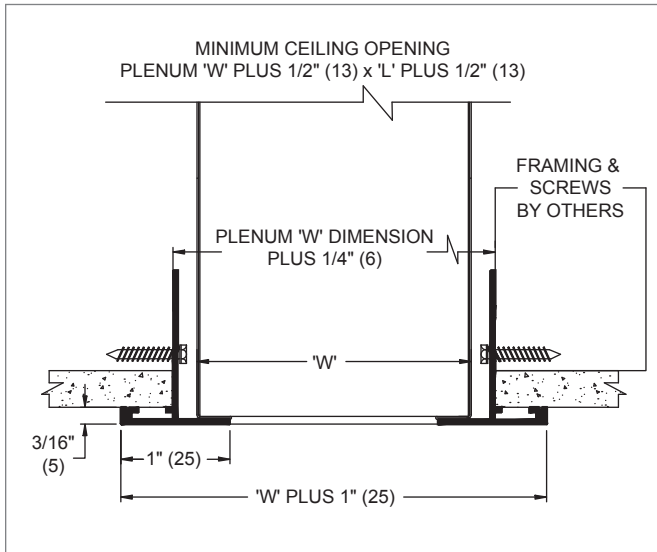
PTBR, 3-SLOT CROSS SECTION



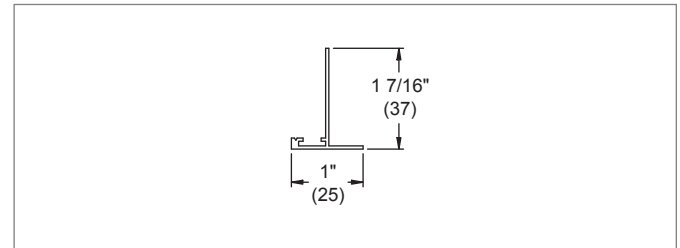
NOTE: Dimensions in parentheses are mm.

PTBR Accessories for Frame 23 Lay-In T-Bar

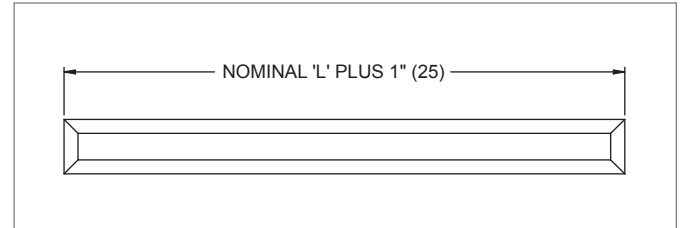
PTBR, FRAME ASSEMBLY



PTBR, PLASTER FRAME ADAPTER, CROSS SECTION



PTBR, PLASTER FRAME, FACE VIEW



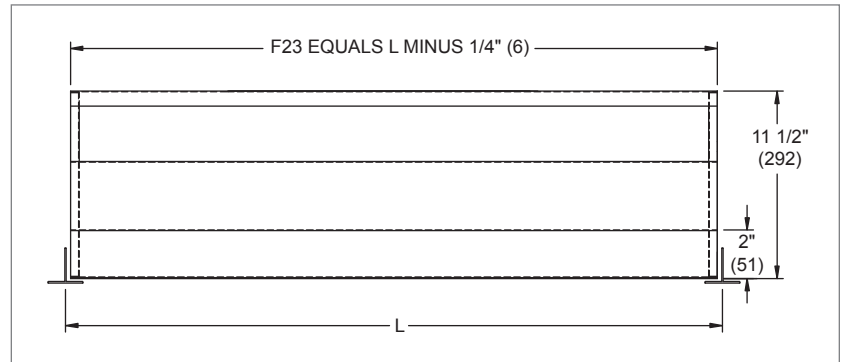
PFTBR Dimensional Information



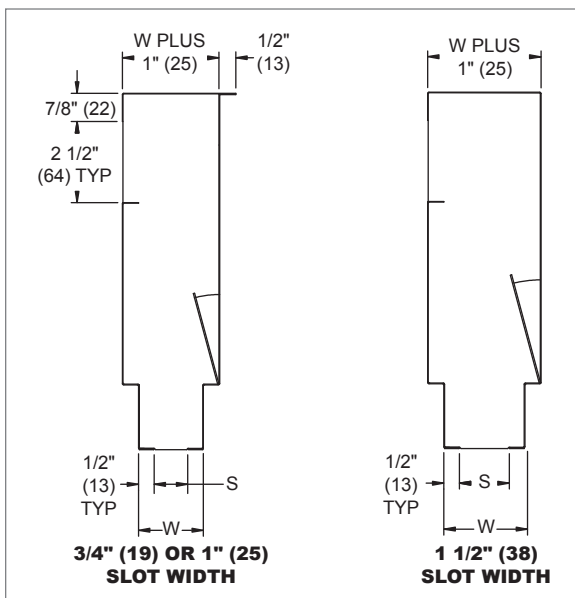
The PFTBR offers the safety of fire rated performance with the proven PTBR series diffuser. It is intended for use with Lay-in T-Bar application involving fire rated ceiling designs. It combines this flexibility with all of the features of the standard PTBR and is available exclusively in steel.

PFTBR comes standard as a UL 263 classified assembly which incorporates a 3-hour rated fire damper and a 1/2" thick ceramic fiber blanket.

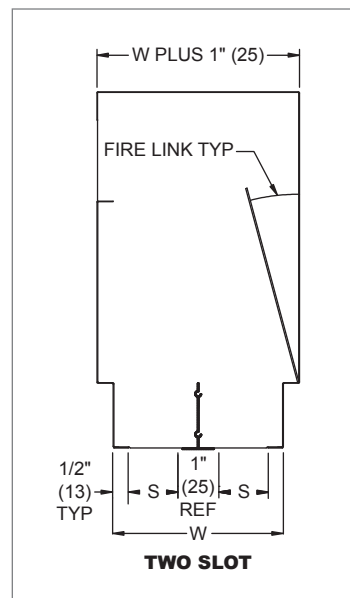
PFTBR, INLET VIEW



PFTBR 1-SLOT, CROSS SECTION



PFTBR 2-SLOT, CROSS SECTION



PFTBR, AVAILABLE SIZES

S	W	
	1 Slot	2 Slot
3/4" (19)	1 3/4" (44)	3 1/2" (89)
1" (25)	2" (51)	4" (102)
1 1/2" (38)	2 1/2" (64)	5" (127) *

NOTES: Dimensions in parentheses are mm. *2-Slot, 1 1/2" Slot Width is not available with UL rating.