

**PTBS Suggested Specification & Configuration**

- 1. SERIES: (XXXX)**  
PTBS - Plenum Slot Steel Diffuser with Gasketed Blade
- 2. INSULATION: (X)**  
N - No Insulation  
Y - Insulation
- 3. SLOT LENGTH: (XX)**  
24", 36", 48", or 60"
- 4. NUMBER OF SLOTS: (X)**  
1, 2, 3, or 4
- 5. PLENUM INLET SIZE: (XX)**  
5" Round \*  
6", 8", 10", or 12" Oval †
- 6. SLOT WIDTH: (XXX)**  
75 - 3/4"  
100 - 1"  
150 - 1 1/2"
- 7. FINISH: (XX)**  
35 - Black Face and Tees  
50 - White Exposed Surfaces, Black Pattern  
Controller, White Optional Tees  
55 - Black Face with Optional White Tees
- 8. DAMPER: (XX)**  
00 - No Damper  
QD - Quadrant
- 9. FRAME STYLE / T-BAR LOCATION: (XXX)**  
23A - All Tees by Others  
23B - Center Tee Only  
23C - Tees on Both Sides  
23D - Center and Outside Tees  
F98 - Narrow-T Ceiling, All Tees by Others \*\*
- 10. MOUNTING TYPE: (XXXX)**  
00 - No Mounting  
PF - Plaster Frame \*\*\*  
CN - Center Notch  
MTT1 - Mounting Tab Opposite Inlet  
MTT2 - Mounting Tabs on Both Sides

\* 5" Round inlet not available on 48" or 60" units.

\*\* Frame 98 only available in 1 or 2 slots,  
24" or 48" lengths, and 35 Black.

\*\*\* Mounting type PF only available with Frame 23A  
(1 slot only) and Frame 23B.

† 12" Inlet only available in 48" and 60" lengths.

**PTBS**

The plenum slot supply diffuser shall be Krueger model PTBS constructed of 24 gage galvanized steel with factory drawn inlet to prevent air leakage. The PTBS shall have 3/4", 1" or 1 1/2" slot width with 1, 2, 3 or 4 slots. The PTBS shall have an extruded aluminum pattern controller with a gasket on the top edge to form a seal against the plenum wall or slot divider to provide horizontal discharge. The pattern controller shall be field adjustable from vertical (factory default) to horizontal discharge.

Optional plaster frame is available for installation into hard ceilings.

Optional 1/4" thick, 2 lb. density internal insulation is available.

Optional quadrant damper for field attachment to the neck is available.

**PERFORMANCE**

The manufacturer shall provide published (printed or electronic) performance data for the diffuser. Performance data shall include 2 - 7 octave band sound power levels. The diffuser shall be tested in accordance to the data standards at the time of product introduction or ANSI/ASHRAE Standard 70.

**FINISH**

The standard finish shall have a black face and pattern controllers with optional white T-Bars.