

**PTBSS, PTBSSFB Suggested Specification & Configuration**

PLENUM SLOT DIFFUSERS

**PTBSS, PTBSSFB**

The plenum slot supply diffuser shall be Krueger model PTBSS/PTBSSFB constructed of 24 gage galvanized steel with factory drawn inlet to prevent air leakage. The PTBSS/PTBSSFB shall have 1" or 1 1/2" slot width with 1 or 2 slots. The PTBSS/PTBSSFB shall have 26 gage steel roll formed pattern controllers shipped loose for field installation. The PTBSSFB shall have factory installed extruded aluminum pattern controllers.

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 be black on the face and pattern controllers with optional white T-Bars.

- 1. SERIES: (XXXXXXXX)**  
 PTBSS - Steel Plenum Slot Diffuser  
 (Pattern Controllers Shipped Loose)  
 PTBSSFB - Steel Plenum Slot Diffuser  
 (Pattern Controllers Factory Installed)
- 2. INSULATION: (X)**  
 N - No Insulation  
 Y - Insulation
- 3. SLOT LENGTH: (XX)**  
 24", 36", 48", or 60"
- 4. NUMBER OF SLOTS: (X)**  
 1 or 2
- 5. PLENUM INLET SIZE: (XX)**  
 5" Round  
 6", 8", 10", or 12" Oval
- 6. SLOT WIDTH: (XXX)**  
 100 - 1"  
 150 - 1 1/2"
- 7. DAMPER: (XX)**  
 00 - No Damper  
 QD - Quadrant Damper
- 8. 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
- 9. MOUNTING TYPE: (XXXX)**  
 00 - No Mounting  
 PF - Plaster Frame \*  
 MTT1 - Mounting Tab Opposite Inlet  
 MTT2 - Mounting Tabs on Both Sides
- 10. FINISH: (XX)**  
 35 - Black Face and Tees  
 50 - White Exposed Surfaces, Black Pattern Controller, & White Optional Tees  
 55 - Black with Optional White Tees

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

PTBSS - PTBSSFB

**SAMPLE CONFIGURATION: PTBSS - N - 36 - 2 - 10 - 100 - 00 - 23B - PF - 55**