

**PFTBR Suggested Specification & Configuration**

PLENUM SLOT DIFFUSERS

**PFTBR**

The fire rated plenum slot return diffuser shall be Krueger model PFTBR constructed of 24 gage galvanized steel. The diffuser must be UL classified fire rated ceiling diffuser assembly listed in Underwriters Laboratories Fire Resistance Directory. The diffuser shall be tested in accordance with UL 263 and must meet NFPA 90 requirements. The inlet shall be designed to operate in a non-ducted return system. The PFTBR shall have 3/4", 1" or 1 1/2" slot width with 1, 2, 3 or 4 slots.

Optional 1/4" thick, 2 lb. density internal insulation 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 with optional white T-Bars.



- 1. SERIES: (XXXXX)**  
PFTBR - Fire Rated Plenum Slot Return Diffuser
- 2. INSULATION: (X)**  
N - No Insulation  
Y - Insulation
- 3. SLOT LENGTH: (XX)**  
24", 36", or 48"
- 4. NUMBER OF SLOTS: (X) \*\***  
1 or 2
- 5. SLOT WIDTH: (XXX)**  
75 - 3/4"  
100 - 1"  
150 - 1 1/2"
- 6. FRAME STYLE/T-BAR LOCATION: (XXXX)**  
23A - All Tees by Others \*  
23C - Tees on Both Sides  
23EL - Tee Opposite Inlet  
23ER - Tee on Inlet Side
- 7. FINISH: (XX)**  
35 - Black Face with Optional White Tees  
50 - White Exposed Surfaces, Black Pattern Controller, and White Optional Tees  
55 - Black with White Tees

\* Center tee on 2-Slot PFTBR, Frame 23A is furnished by the factory.  
\*\* 2-Slot, 1 1/2" Slot Width is not available with UL rating.

**SAMPLE CONFIGURATION: PFTBR - N - 48 - 1 - 100 - 23A - 35**