

PTBSC, PTBSRC Suggested Specification & Configuration

PTBSC

The plenum slot supply diffuser shall be Krueger model PTBSC constructed of 24 gage galvanized steel with factory drawn inlet to prevent air leakage. The PTBSC shall have a single aluminum extruded curved blade that creates a 3/4" slot width opening and discharges horizontally along the ceiling in the direction of the inlet to accommodate perimeter wall mounting applications. The PTBSC shall not exceed 7" in total height.

Optional plaster frame is available for installation in to hard ceilings.

Optional 1/2" thick foil wrapped, 1 1/2 lb. density external insulation is available.

PTBSRC

The plenum slot supply/return diffuser shall be Krueger model PTBSRC constructed of 24 gage galvanized steel with factory drawn inlet to prevent air leakage for the supply side and a 2" slot opening running the length of the plenum for the return side. The PTBSRC shall have a single aluminum extruded curved blade that creates a 3/4" slot width opening and discharge horizontally along the ceiling in the direction of the inlet to accommodate perimeter wall mounting applications. The return slot shall be 2" in width and attached to the supply by the manufacturer. The return slot shall be located opposite the inlet to prevent a short circuit in the return air. The PTBSRC shall not exceed 7" in total height.

Optional plaster frame is available for installation in to hard ceilings.

Optional 1/2" thick foil wrapped, 1 1/2 lb. density external 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 and pattern controllers.

1. SERIES: (XXXXXX)

PTBSC - Plenum Slot Diffuser with Fixed Pattern
PTBSRC - Plenum Slot Diffuser with Fixed Pattern and Return Slot

2. INSULATION: (X)

N - No Insulation
Y - Insulation

3. SLOT LENGTH: (XX) *

24", 36", 48", or 60"

4. PLENUM INLET SIZE: (XX)

6", 8", or 10" Oval

5. MOUNTING TYPE: (XX)

00 - No Mounting
PF - Plaster Frame

6. FINISH: (XX)

35 - Black Face and Pattern Controllers

** 10" Inlet not available with 24" Slot Length.*

SAMPLE CONFIGURATION: PTBSRC - Y - 48 - 8 - PF - 35