

PTBSCDB, PTBSRCDB Suggested Specification & Configuration
1. SERIES: (XXXXXXXX)

- PTBSCDB - Plenum Slot Diffuser with Fixed Pattern and Downblow Section
 PTBSRCDB - Plenum Slot Diffuser with Fixed Pattern, Return Slot, and Downblow Section

2. INSULATION: (X)

- N - No Insulation
 Y - Insulation

3. SLOT LENGTH: (XX) *

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

4. DOWN BLOW SECTION LENGTH: (XX) **

- 8", 12", 15", or 18"

5. PLENUM INLET SIZE: (XX)

- 6", 8", or 10" Oval

6. MOUNTING TYPE: (XX)

- 00 - No Mounting
 PF - Plaster Frame

7. FINISH: (XX)

- 35 - Black

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

** 8" Downblow only available on 24" Slot Length.

PTBSCDB

The plenum slot supply diffuser with down blow section shall be Krueger model PTBSCDB constructed of 24 gage galvanized steel with factory drawn inlet to prevent air leakage. The PTBSCDB shall have a center down blow section constructed of a 2-piece pattern controller with 180° adjustability and volume control adjustment (down blow section only) accessible from the face of the diffuser. The two outer sections 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 PTBSCDB 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.

PTBSRCDB

The plenum slot supply/return diffuser with down blow section shall be Krueger model PTBSRCDB 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 PTBSRCDB shall have a center down blow section constructed of a 2-piece pattern controller with 180° adjustability and volume control adjustment (down blow section only) accessible from the face of the diffuser. The two outer sections 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 PTBSRCDB 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.