

Plenum Slot Adjustable Diffusers

plenum slot diffusers

TBD-10

- The TBD-10 is 8" high standard, ideal for the restricted ceiling spaces in many modern buildings. It handles a large volume of air at low pressure drop and noise level
- With its aerodynamic pattern controllers, the TBD-10 projects a tight blanket of air across the ceiling, from minimum to maximum flow
- This blanketing effect makes the TBD-10 an excellent choice for variable air volume operation and has the extra advantage of minimizing smudges on the ceiling
- For workmanship and performance at the lowest possible cost, the TBD-10 is highly standardized. It is shipped with the pattern controller loose for easy and quick field installation. (The pattern controllers can also be factory installed at an additional charge).
- Both loose and factory installed pattern controllers can be set for left, right, or vertical airflow after diffuser installation
- Blades can be reversed in the field to change the blow pattern



TBD-10



energy solutions

MODELS:

(Blades shipped loose)
TBD-10 / Supply
TBDI-10 / Supply / Insulated

(Blades factory installed)
TBD-10-FB / Supply
TBDI-10-FB / Supply / Insulated

FINISHES:

Standard Finish - #26 White on center T-bars and optional side T-bars
#84 Black on exposed surfaces

OVERVIEW

High Capacity / 1" and 1½" Slots

Titus TBD series plenum slot diffusers provide flexibility, great performance and ease of installation. Their adjustability and streamlined appearance make them the industry standard for plenum slot diffusers. The TBD-10 is 8" high and ideal for the restricted ceiling spaces in many modern buildings. It handles a large volume of air with low pressure drop and noise levels. By utilizing its aerodynamic pattern controllers, the TBD-10 projects a tight blanket of air across the ceiling from minimum to maximum flow.

ADVANTAGES

- Inlet collar drawn from the diffuser plenum wall. Eliminates the leakage that can occur at a mechanically fastened collar. Generous 1½", or greater, collar depth makes duct connection easy.
- Double metal thickness at slot face for rigidity and straightness
- Choice of 1" or 1½" slot widths; one or two parallel slots



See website for Specifications

- Available in nominal lengths of 24", 36", 48" or 60"
- 24" length has one blade per slot. Lengths 36", 48" and 60" have two pattern controllers per slot, end-to-end
- Optional internal insulation (end caps are not insulated)
- Optional 11" plenum height
- Material is steel, pattern controller & tees are aluminum