

**DFNT Suggested Specification & Configuration: For 9/16" T-Bar Applications**
**1. SERIES: (XXXX)**

DFNT - DesignFlo®, Architectural Linear Ceiling Diffuser for Narrow-T Grid with Plenum (Frame Style AA)

**2. SLOT LENGTH: (XX)**

 24"  
 48"

**3. SLOT WIDTH: (XX)**

 10 - 1"  
 15 - 1 1/2"  
 20 - 2"  
 25 - 2 1/2"  
 30 - 3"

**4. NUMBER OF SLOTS: (XX)**

 01 - 1-Slot  
 04 - 2AB (2-Slot, No Reveal) \*

**5. PLENUM INLET: (XX)**

 00 - None  
 06 - 6" Oval  
 08 - 8" Oval  
 10 - 10" Oval  
 12 - 12" Oval

**6. FRAME: (XX)**

AA - No Flange, Both Sides

**7. DEFLECTION: (XX)**

 HT - Horizontal Throw Deflectors  
 VT - Vertical Throw Deflectors

**8. DAMPER: (XX)**

 00 - No Damper  
 01 - Quadrant Damper

**9. MOUNTING BRACKET: LEFT & RIGHT (XX) (XX)**

 SS - Spline Support  
 SC - Spline Clip  
 US - Upper Support Hanger

**10. INSULATION: (X)**

 0 - No Insulation  
 H - 1/4" Fiberglass Insulation  
 Y - 1/4" Fiber Free Insulation

**11. FINISH: (XX) \*\***

 35 - Black  
 44 - British White

\* T-Bar by others.

\*\* See Color Chart for additional options. Finish applies to rail only. Spacers and pattern controllers are black.

**DESIGNFLO® WITH PLENUM DFNT**

Linear slot diffusers shall be Krueger DesignFlo™ DFNT series for supply or return with slot widths of 1", 1 1/2", 2", 2 1/2", and 3" available.

The plenum shall be supplied by the linear slot diffuser manufacturer and attached to the linear by means of spring clips to allow for plenum removal without use of special tools. Screw fastening the plenum to the linear is not acceptable.

The linear slot diffuser shall be sized to fit into 9/16" bolt slot or drop face T-Bar.

HT pattern controllers shall be of single piece extruded aluminum construction. VT pattern controllers shall be of two piece extruded aluminum construction. Pattern controllers shall be assembled on 24" centers. The pattern controllers shall allow for the airstream to be directed along the ceiling in either direction.

The face of the linear slot diffuser shall be #44 British White. All other surfaces including pattern controllers shall be black.

**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.