

**DFB Suggested Specification & Configuration: For Lay-In Applications**

**DESIGNFLO® WITH PLENUM DFB**

Linear slot diffuser shall be Krueger DesignFlo® DFB 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 a 15/16" inverted tee ceiling.

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.

- 1. SERIES: (XXX)**  
DFB - DesignFlo®, Architectural Linear Ceiling Diffuser with Plenum (Frame Style AC & CC)
- 2. SLOT LENGTH: (XX)**  
24", 48", or 60"
- 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  
02 - 2NV (2-Slot, Narrow Reveal)  
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)**  
AC - No Flange Left, 3/16" Flange Right  
CC - 3/16" 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  
US - Upper Support Hanger
- 10. INSULATION: (XX)**  
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.

LINEAR SLOT DIFFUSERS

DESIGNFLO

**SAMPLE CONFIGURATION: DFB - 24 - 15 - 01 - 08 - CC - VT - 00 - SS - US - 0 - 44**