

DFL Suggested Specification & Configuration: Frame AA & CC

DESIGNFLO® (DFL) WITH FRAME AA & CC

Linear slot diffusers shall be Krueger DesignFlo® series for supply or return with slot widths of 1", 1 1/2", 2", 2 1/2", and 3" available. Linear slot diffusers shall be available in single piece construction up to 144" for British White finish or 72" for non British White finishes. Slot diffuser lengths greater than single piece lengths shall be furnished in multiple sections and will be joined together with end alignment strips to form a continuous slot appearance. SS alignment strips to be provided by the manufacturer.

The linear slot diffuser shall have the ability to mount flush perpendicular to a wall (Frame A) or provide a 3/16" flange (Frame C) on both sides of the linear.

The linear slot diffuser shall have the ability to support the ceiling with which it comes in contact. Brackets which are integral to the diffuser must allow mounting in hard ceilings and suspended ceilings. Linear diffusers supported by the plenum are not acceptable.

The plenums shall be manufactured by the same manufacturer as the linear slot diffuser.

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 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)**
DFL - DesignFlo®, Architectural Linear Ceiling Diffuser (Frame Style AA & CC)
- 2. SLOT LENGTH: (XXX) ***
12" through 999" in 1/8" Increments
- 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. END BORDER: (XX)**
01 - Mitered, Both Ends †
02 - Mitered, One End †
03 - Butt Cut
04 - End Plate, Both Ends
05 - End Plate, One End
06 - End Cap, Both Ends
07 - End Cap, One End Only
- 6. FRAME: (XX)**
AA - No Flange, Both Sides
CC - 3/16" Flange, Both Sides
- 7. DEFLECTION: (XX)**
00 - No Blades
HT - Horizontal Throw Deflectors
VT - Vertical Throw Deflectors
- 8. MOUNTING BRACKET: LEFT & RIGHT (XX) (XX) *****
[H1 - H3] - Hard Ceiling Bracket 1, 2, or 3
[W2 - W3] - Wall Bracket 2 or 3
SS - Spline Support
SC - Spline Clip
US - Upper Support Hanger
- 9. FINISH: (XX) ****
35 - Black
44 - British White

* Maximum single unit length is 144".

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

*** See page E1-7 for mounting bracket and frame type availability.

† Available on one slot units only.

DFL Suggested Specification & Configuration: Frame AC & CA**1. SERIES: (XXX)**

DFL - DesignFlo®, Architectural Linear Ceiling Diffuser (Frame Style AC & CA)

2. SLOT LENGTH: (XXX) *

12" through 999" in 1/8" Increments

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. END BORDER: (XX)

03 - Butt Cut
 04 - End Plate, Both Ends
 05 - End Plate, One End
 06 - End Cap, Both Ends
 07 - End Cap, One End Only

6. FRAME: (XX)

AC - No Flange Left, 3/16" Flange Right
 CA - 3/16" Flange Left, No Flange Right

7. DEFLECTION: (XX)

00 - No Blades
 HT - Horizontal Throw Deflectors
 VT - Vertical Throw Deflectors

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

H1 - Hard Ceiling Bracket 1
 H2 - Hard Ceiling Bracket 2
 W2 - Wall Bracket2
 W3 - Wall Bracket 3
 SS - Spline Support
 US - Upper Support Hanger

9. FINISH: (XX) **

35 - Black
 44 - British White

* Maximum single unit length is 144".

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

*** See page E1-7 for mounting bracket and frame type availability.

DESIGNFLO® (DFL) WITH FRAME AC & CA

Linear slot diffusers shall be Krueger DesignFlo® series for supply or return with slot widths of 1", 1 1/2", 2", 2 1/2", and 3" available. Linear slot diffusers shall be available in single piece construction up to 144" for British White finish or 72" for non British White finishes. Slot diffuser lengths greater than single piece lengths shall be furnished in multiple sections and will be joined together with end alignment strips to form a continuous slot appearance. Alignment strips to be provided by the manufacturer.

The linear slot diffuser shall have the ability to mount flush perpendicular to a wall (Frame A) on one side and provide a 3/16" flange (Frame C) on the other side.

The linear slot diffuser shall have the ability to support the ceiling with which it comes in contact. Brackets which are integral to the diffuser must allow mounting in hard ceilings and suspended ceilings. Linear diffusers supported by the plenum are not acceptable.

The plenums shall be manufactured by the same manufacturer as the linear slot diffuser.

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 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.

LINEAR SLOT DIFFUSERS

DESIGN FLO

SAMPLE CONFIGURATION: DFL - 247 - 20 - 01 - 04 - AC - VT - H2 - H2 - 44

DFL Suggested Specification & Configuration: Frame AD & DA

DESIGNFLO® (DFL) WITH FRAME AD & DA

Linear slot diffusers shall be Krueger DesignFlo® series for supply or return with slot widths of 1", 1 1/2", and 2" available. Linear slot diffusers shall be available in single piece construction up to 144" for British White finish or 72" for non-British White finishes. Slot diffuser lengths greater than single piece lengths shall be furnished in multiple sections and will be joined together with end alignment strips to form a continuous slot appearance. Alignment strips to be provided by the manufacturer.

The linear slot diffuser shall have the ability to mount flush perpendicular to a wall (Frame A) on one side and provide a 5/8" step-down on the other side (Frame D) allowing for installation between ceiling and wall.

The linear slot diffuser shall have the ability to support the ceiling with which it comes in contact. Brackets which are integral to the diffuser must allow mounting in hard ceilings and suspended ceilings. Linear diffusers supported by the plenum are not acceptable.

The plenums shall be manufactured by the same manufacturer as the linear slot diffuser.

HT Pattern Controllers shall be of single 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 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)**
DFL - DesignFlo®, Architectural Linear Ceiling Diffuser (Frame Style AD & DA)
- 2. SLOT LENGTH: (XXX) ***
12" through 999" in 1/8" Increments
- 3. SLOT WIDTH: (XX)**
10 - 1"
15 - 1 1/2"
20 - 2"
- 4. NUMBER OF SLOTS: (XX)**
01 - 1-Slot
- 5. END BORDER: (XX)**
03 - Butt Cut
04 - End Plate, Both Ends
05 - End Plate, One End
- 6. FRAME: (XX)**
AD - No Flange Left, 5/8" Step-down Flange Right
DA - 5/8" Step-down Flange Left, No Flange Right
- 7. DEFLECTION: (XX)**
00 - No Blades
HT - Horizontal Throw Deflectors
- 8. MOUNTING BRACKET: LEFT & RIGHT (XX) (XX) *****
H3 - Hard Ceiling Bracket 3
H4 - Hard Ceiling Bracket 4
W2 - Wall Bracket 2
W3 - Wall Bracket 3
SS - Spline Support
US - Upper Hanger Bracket (1-Slot)
- 9. FINISH: (XX) ****
35 - Black
44 - British White

* Maximum single unit length is 144".

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

*** See page E1-7 for mounting bracket and frame type availability.

DFL Suggested Specification & Configuration: Frame BB

LINEAR SLOT DIFFUSERS

1. SERIES: (XXX)

DFL - DesignFlo®, Architectural Linear Ceiling Diffuser (Frame Style BB)

2. SLOT LENGTH: (XXX) *

12" through 999" in 1/8" Increments

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)

5. END BORDER: (XX)

- 01 - Mitered, Both Ends
- 02 - Mitered, One End
- 03 - Butt Cut
- 04 - End Plate, Both Ends
- 05 - End Plate, One End

6. FRAME: (XX)

BB - Flanges that Accept a Finishing Compound on Both Sides

7. DEFLECTION: (XX)

- 00 - No Blades
- HT - Horizontal Throw Deflectors
- VT - Vertical Throw Deflectors

8. MOUNTING BRACKET: LEFT & RIGHT (XX) (XX)

- H1 - Hard Ceiling Bracket 1
- H3 - Hard Ceiling Bracket 3
- CF - Concealed Fastener

9. FINISH: (XX)

- 35 - Black

* Maximum single unit length is 144".

DESIGNFLO® (DFL) WITH FRAME BB

Linear slot diffusers shall be Krueger DesignFlo® series for supply or return with slot widths of 1", 1 1/2", 2", 2 1/2", and 3" available. Linear slot diffusers shall be available in single piece construction up to 144". Slot diffuser lengths greater than 144" shall be furnished in multiple sections and will be joined together with end alignment strips to form a continuous slot appearance. Alignment strips to be provided by the manufacturer.

The linear slot diffuser shall have the ability for a finishing compound to cover the flange (Frame B) on both sides resulting in a "No-Frame" appearance.

The linear slot diffuser shall have the ability to support the ceiling. Brackets which are integral to the diffuser must allow mounting in hard ceiling or sidewall for frame BB. Linear diffusers supported by the plenum are not acceptable.

The plenums shall be manufactured by the same manufacturer as the linear slot diffuser.

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 diffuser shall be #35 Black. 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.

SAMPLE CONFIGURATION: DFL - 48 - 20 - 01 - 03 - BB - HT - H1 - CF - 35

DFL Suggested Specification & Configuration: Frame EE
1. SERIES: (XXX)

DFL - DesignFlo®, Architectural Linear Ceiling Diffuser (Frame Style EE)

2. SLOT LENGTH: (XXX) *

12" through 999" in 1/8" Increments

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)

5. END BORDER: (XX)

 03 - Butt Cut
 04 - End Plate, Both Ends
 05 - End Plate, One End

6. FRAME: (XX)

EE - Beveled Frame for Mud-in

7. DEFLECTION: (XX)

 00 - No Blades
 HT - Horizontal Throw Deflectors
 VT - Vertical Throw Deflectors

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

 H3 - Hard Ceiling Bracket 3
 US - Upper Support Hanger

9. FINISH: (XX) **

35 - Black

* Maximum single unit length is 144".

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

*** See page E1-7 for mounting bracket and frame type availability.

DESIGNFLO® (DFL) WITH FRAME EE

Linear slot diffusers shall be Krueger DesignFlo® series for supply or return with slot widths of 1", 1 1/2", 2", 2 1/2", and 3" available. Linear slot diffusers shall be available in single piece construction up to 144". Slot diffuser lengths greater than single piece lengths shall be furnished in multiple sections and will be joined together with end alignment strips to form a continuous slot appearance. Alignment strips to be provided by the manufacturer.

The linear diffuser shall have a 45° frame (Frame E) on both sides resulting in a "No-Frame" appearance.

The linear slot diffuser shall have the ability to support the ceiling. Brackets which are integral to the diffuser must allow mounting in hard ceilings and suspended ceilings. Linear diffusers supported by the plenum are not acceptable.

The plenums shall be manufactured by the same manufacturer as the linear slot diffuser.

HT pattern controllers shall be of single 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 diffuser shall be #35 Black. 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.

DFL Suggested Specification & Configuration: Frame FF**DESIGNFLO® (DFL) WITH FRAME FF**

Linear slot diffusers shall be Krueger DesignFlo® series for supply or return with slot widths of 1", 1 1/2", 2", 2 1/2", and 3" available. Linear slot diffusers shall be available in single piece construction up to 144" for British White finish or 72" for non-British White finishes. Slot diffuser lengths greater than single piece lengths shall be furnished in multiple sections and will be joined together with end alignment strips to form a continuous slot appearance. Alignment strips to be provided by the manufacturer.

The linear slot diffuser shall have a 1/2" flange border (Frame F) on both sides of the linear.

The linear slot diffuser shall have the ability to support the ceiling. Brackets which are integral to the diffuser must allow mounting in hard ceilings and suspended ceilings. Linear diffusers supported by the plenum are not acceptable.

The plenums shall be manufactured by the same manufacturer as the linear slot diffuser.

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 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)

DFL - DesignFlo®, Architectural Linear Ceiling Diffuser (Frame Style FF)

2. SLOT LENGTH: (XXX) *

12" through 999" in 1/8" Increments

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. END BORDER: (XX)

01 - Mitered, Both Ends †
 02 - Mitered, One End †
 03 - Butt Cut
 04 - End Plate, Both Ends
 05 - End Plate, One End
 06 - End Cap, Both Ends
 07 - End Cap, One End Only

6. FRAME: (XX)

FF - 1/2" Flange, Both Sides

7. DEFLECTION: (XX)

00 - No Blades
 HT - Horizontal Throw Deflectors
 VT - Vertical Throw Deflectors

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

H1 - Hard Ceiling Bracket 1
 W2 - Wall Bracket 2
 W4 - Wall Bracket 4
 SS - Spline Support
 US - Upper Support Hanger
 CF - Concealed Fastener

9. FINISH: (XX) **

35 - Black
 44 - British White

* Maximum single unit length is 144".

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

*** See page E1-7 for mounting bracket and frame type availability.

† Available on one slot units only.

SAMPLE CONFIGURATION: DFL - 59 - 30 - 03 - 06 - FF - VT - W2 - US - 44

Plenum (DFP) Suggested Specification & Configuration

1. SERIES: (XXX)

DFP - DesignFlo® Plenum

2. SLOT LENGTH: (XX)

 24"
 36"
 48"
 60"
 72"

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. DAMPER: (XX)

 00 - No Damper
 01 - Quadrant Damper

7. ACCESSORIES: PLENUM TYPE (X)

 S - Standard
 F - Concealed Fastening

8. INSULATION: (XX)

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

9. FINISH: (XX)

01 - Mill

DESIGNFLO® PLENUM (DFP)

Plenums for the DesignFlo® series shall be Krueger's series DFP.

The DFP shall rest on top of linear with side flanges residing in the interior of the DesignFlo® linear to prevent air leakage and interference with DesignFlo® linear mounting hardware.

The DFP shall attach to the DesignFlo® linear by means of spring clips to allow for plenum removal or attachment without means of special tools. Screw fastening plenum to linear will not be acceptable.

For the optional concealed fastening method, the DFP plenum shall have a V-shaped hemmed edge to accommodate the CF mounting bracket and to ensure a fast, secure installation.

Optional 1/4" 2 lb density fiberglass and 1/4" fiber free insulation is available for the DFP.

The DFP shall be constructed of galvanized steel with a mill finish.

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.

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

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.