

APPLICATION

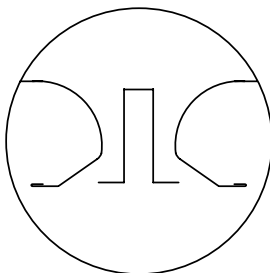
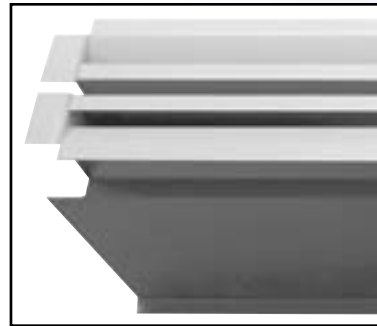
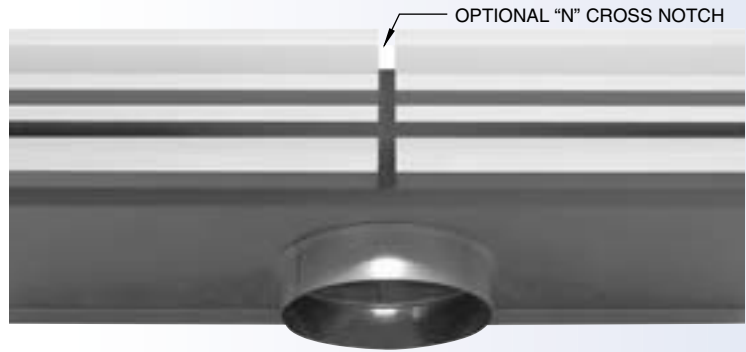
- Steel linear plenum-slot diffuser with 1 or 2 way discharge air pattern, 1 to 4 slots provide great flexibility for desired throw distances
- Fixed air pattern / deflection
- Matching return units for ducted or plenum return systems
- Draftless air distribution excellent for VAV applications – blanket of air will not “dump” even at lowest flow rates
- Integrates with inverted T-bar or 9/16” narrow slot grid systems with “straddle” or “cross-notch” arrangements.

PRODUCT FEATURES

- Heavy gauge, all steel, coated construction (extruded surface frame used for hard ceilings)
- No visible mounting fasteners at diffuser face.
- Integral supply air plenum minimizes air leakage.
- Plenum inlet located on either side for ease of installation
- All 2 way models include notched end caps to straddle the grid.
- End caps are recessed to keep diffuser and tiles flush and in the same plane.
- Designed for 1” inverted T-bar or 9/16” narrow slot grid systems. Available for surface mounting in hard ceilings with a surface frame.
- White finish on exposed surfaces sets the industry standard for preferred neutral colors and gloss, with exceptional durability
- 2’,3’,4’,5’ nominal lengths & round inlets for easy duct connections and lowest sound and pressure levels.
- Diffuser lip supports adjacent ceiling tiles – no additional Tees are required.

OPTIONS

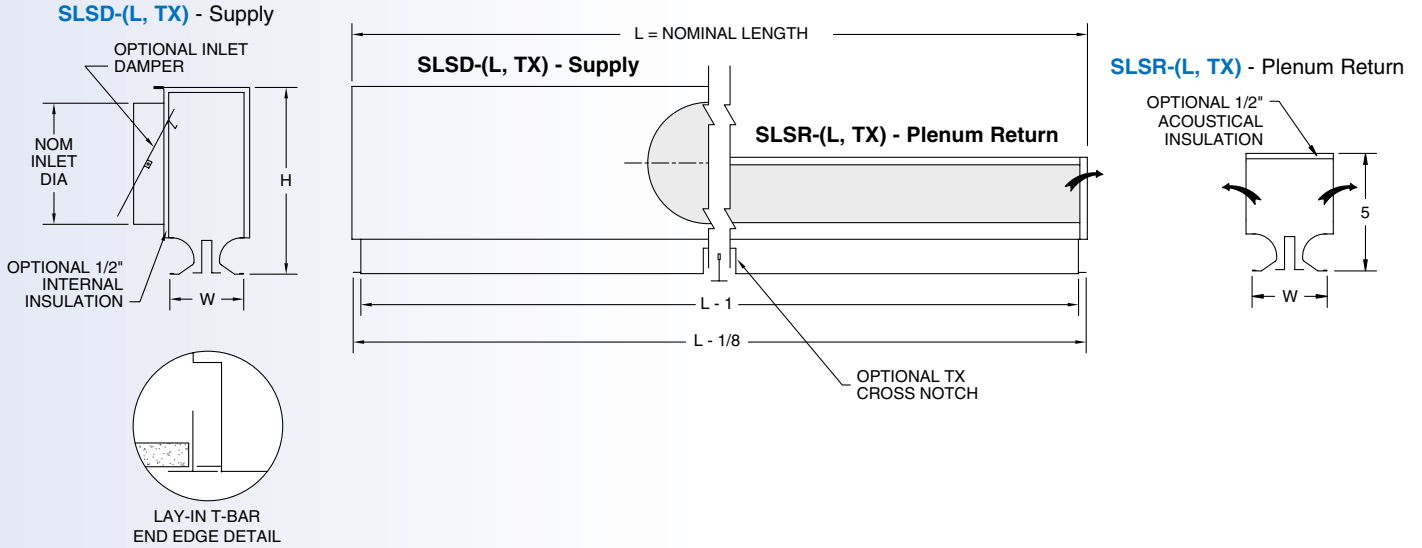
- Cross-notch on 48” units, for 2’x2’ grid systems.
- 1/2” internal glass fiber insulation. External insulation, and “fiberless” insulating systems available.
- Round volume damper in inlet.
- Special lengths
- Custom paint colors



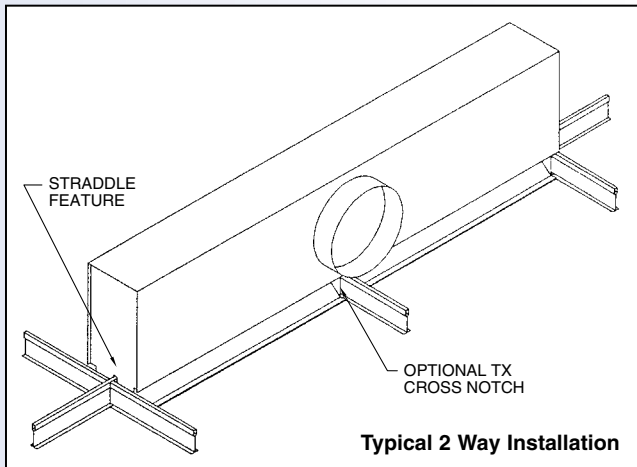
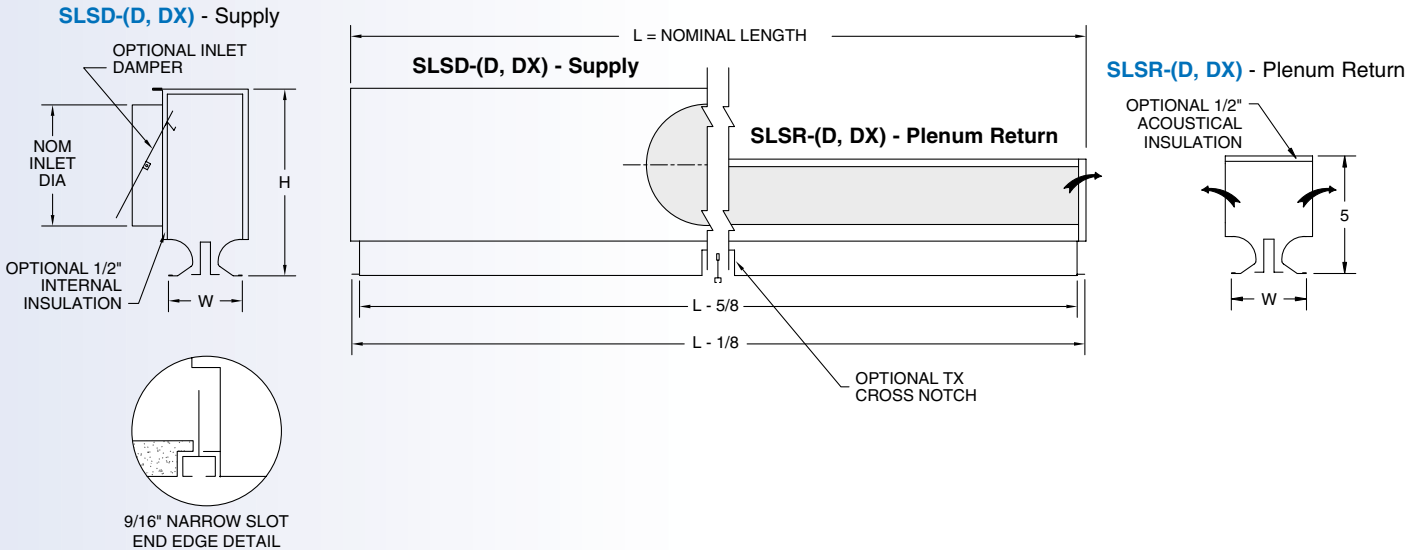
VANE DETAIL

SUPPLY	PLENUM RETURN
<ul style="list-style-type: none"> • Model SLSD-L Lay-in T-bar, 2 way Straddles T-bar (notched end cap) 	<ul style="list-style-type: none"> • Model SLSR-L Lay-in T-bar, 2 way Straddles T-bar (notched end cap)
<ul style="list-style-type: none"> • Model SLSD-TX Lay-in T-bar, 4’ Unit Straddles T-Bar (notched end cap) with TX Cross Notch for 2’ x 2’ Grid System 	<ul style="list-style-type: none"> • Model SLSR-TX Lay-in T-bar, 4’ Unit Straddles T-Bar (notched end cap) with TX Cross Notch for 2’ x 2’ Grid System
<ul style="list-style-type: none"> • Model SLSD-D 9/16” Narrow Slot, 2 way Straddles T-bar (notched end cap) 	<ul style="list-style-type: none"> • Model SLSR-D 9/16” Narrow Slot, 2 way Straddles T-bar (notched end cap)
<ul style="list-style-type: none"> • Model SLSD-DX 9/16” Narrow Slot, 4’ Unit Straddles T-Bar (notched end cap) with TX Cross Notch for 2’ x 2’ Grid System 	<ul style="list-style-type: none"> • Model SLSR-DX 9/16” Narrow Slot, 4’ Unit Straddles T-Bar (notched end cap) with TX Cross Notch for 2’ x 2’ Grid System
<ul style="list-style-type: none"> • Model SLSD-F Surface Mounted with Frame 	<ul style="list-style-type: none"> • Model SLSR-F Surface Mounted with Frame

LAY-IN T-BAR



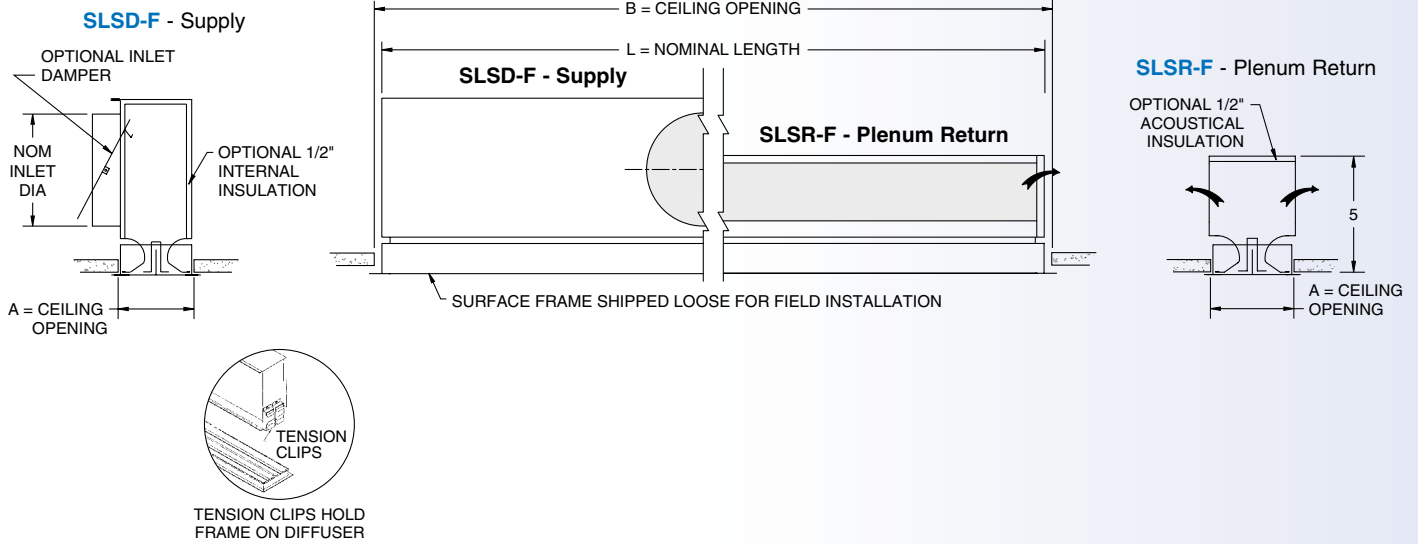
9/16" NARROW SLOT



1 WAY		2 WAY	
NUMBER OF SLOTS	DIFFUSER WIDTH W	NUMBER OF SLOTS	DIFFUSER WIDTH W
1	1 13/16	2	4 1/8
2	3 1/16	3	5 3/8
3	4 5/16	4	6 5/8
4	5 9/16		

NOMINAL LENGTH L	INLET DIAMETER	DIFFUSER HEIGHT H
24	5, 6	9 1/4
36	7, 8, 9	12 7/16
48	10	14
60		

SURFACE MOUNTED WITH FRAME



1 WAY		2 WAY	
NUMBER OF SLOTS	CEILING OPENING A	NUMBER OF SLOTS	CEILING OPENING A
1	2 7/16	2	4 3/4
2	3 11/16	3	6
3	4 15/16	4	7 1/4
4	6 3/16		

NOMINAL LENGTH L	CEILING OPENING B
24	24 3/4
36	36 3/4
48	48 3/4
60	60 3/4

INLET SIZE	DIFFUSER HEIGHT H
5ø, 6ø	9 1/4
8, 10, 12 oval	
7ø, 8ø, 9ø	12 7/16
10ø	14

AIR FLOW PATTERNS

