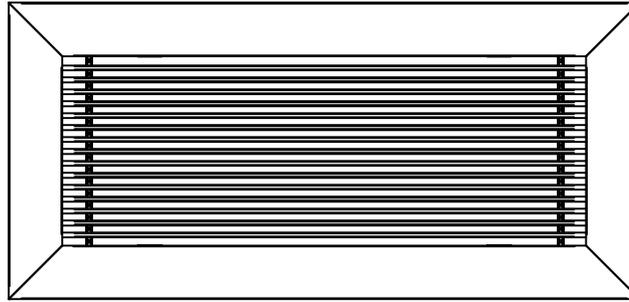


LBP Linear Bar Grilles (Pressed Core)



CORE STYLES			
1/4" SPACING	1/2" SPACING		7/16" SPACING PENCIL PROOF
<input type="checkbox"/> 15A - 0° Deflection 	<input type="checkbox"/> 15B - 0° Deflection 	<input type="checkbox"/> 25B - 0° Deflection 	<input type="checkbox"/> 25C - 0° Deflection
<input type="checkbox"/> 16A - 15° Deflection 	<input type="checkbox"/> 16B - 15° Deflection 	<input type="checkbox"/> 26B - 15° Deflection 	<input type="checkbox"/> 26C - 15° Deflection
<input type="checkbox"/> 27B - 30° Deflection 		<input type="checkbox"/> 27C - 30° Deflection 	

STANDARD CONSTRUCTION:

- Aluminum construction

CORE BAR ORIENTATION:

- L - Parallel to long dimension (standard)
Maximum section length 72" (1829mm). Sections can be joined for a continuous appearance.
Maximum width 24" (610mm).
Minimum size 4"x1 1/2" (102mm x 38mm).
- S - Parallel to short dimension
Maximum size 24" x 24" (610mm x 610mm).
Minimum size 4" x 4" (102mm x 102mm).
Not available with DV1 option.

FINISH:

- B12 - Standard white
 - 66 - Brushed and clearcoat frame finish, core bars clearcoated only
- (Other optional Finishes Available)

OPTIONS:

- MRI - All Aluminum Construction for MRI applications. (N/A with dampers, DV1, or H / B / D / C fastening.)

NOTES:

- Core bars are fixed.
- Not suitable for floor applications.
- Factory tolerance ± 1/32" (1mm) per grille section.

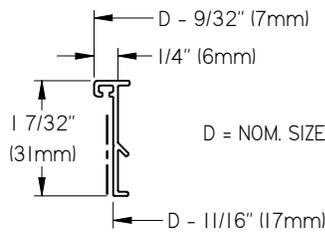
ALL METRIC DIMENSIONS () ARE SOFT CONVERTED. IMPERIAL DIMENSIONS ARE CONVERTED TO METRIC AND ROUNDED TO THE NEAREST MILLIMETER.

PROJECT:		 LBP Linear Bar Grille Pressed Core
ENGINEER:		
CUSTOMER:		
SUBMITTAL DATE:	SPEC. SYMBOL:	
		270553 2021/01/05

LBP Linear Bar Grilles (Pressed Core)

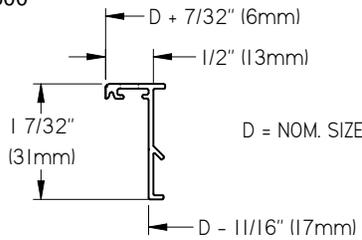
BORDER AND MOUNTING FRAME COMBINATIONS:

□ 250



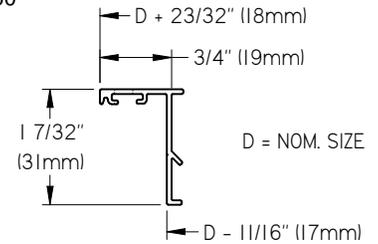
- Recommended for T-bar lay-in applications only. Overall width is less than nominal size.

□ 500



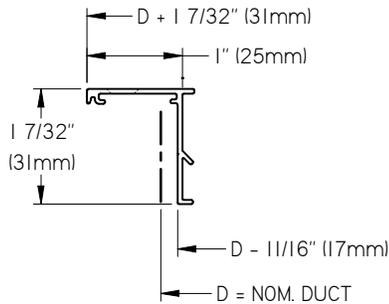
- Duct opening = $D - 1/2"$ (13mm) for type H screw fastening

□ 750

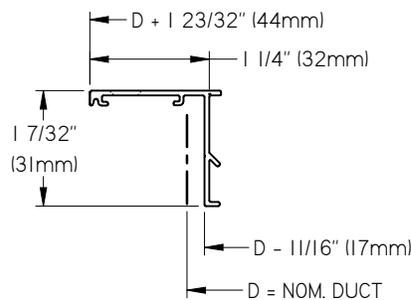


- Duct opening = $D - 1/2"$ (13mm) for type H screw fastening

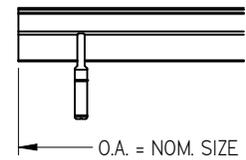
□ 1000



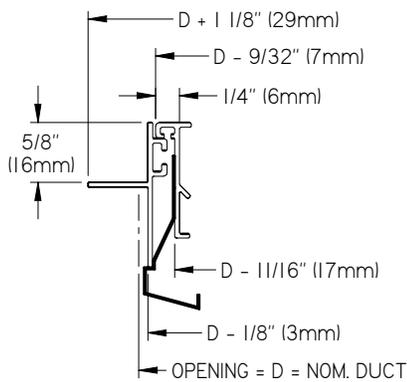
□ 1250



□ CORE ONLY

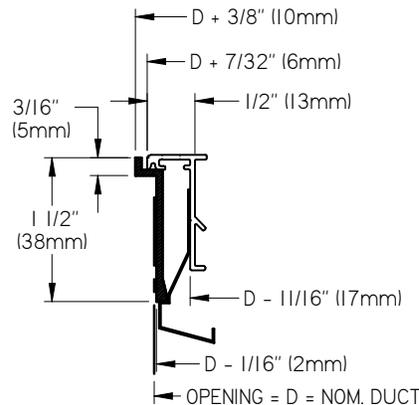


□ 250F



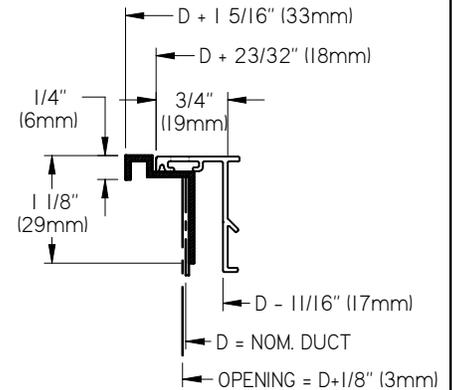
- Recommended for sill applications
- Type D clip fastening and mounting frame integral
- Maximum length 72" (1829mm)

□ 500F



- Recommended for sill applications
- Type D clip fastening and mounting frame integral

□ 750F



- Use B or C fastening as required
- Type H screw fastening not recommended

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PROJECT:

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SUBMITTAL DATE:

SPEC. SYMBOL:



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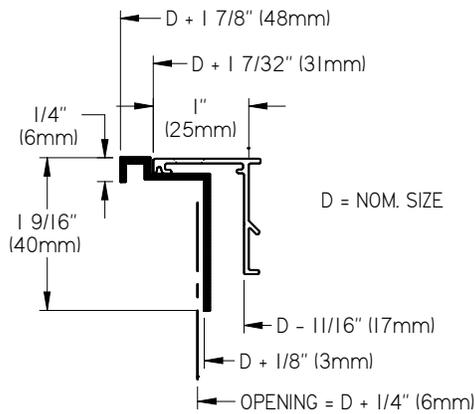
270553

2021/01/05

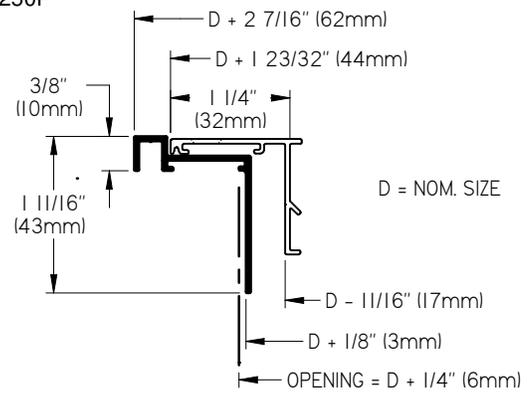
LBP
Linear Bar Grille
Pressed Core

LBP Linear Bar Grilles (Pressed Core)

□ 1000F

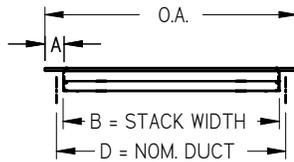
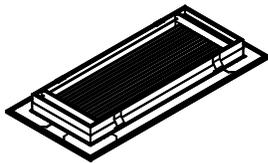


□ 1250F



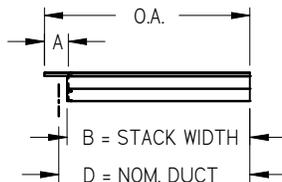
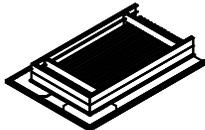
END CONDITION:

X-X END CONDITION



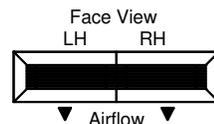
BORDER	A	O.A.	B
□ 1250	1 1/4" (32mm)	D + 1 23/32" (44mm)	D - 11/16" (17mm)
□ 1000	1" (25mm)	D + 1 7/32" (31mm)	D - 11/16" (17mm)
□ 750	3/4" (19mm)	D + 23/32" (18mm)	D - 11/16" (17mm)
□ 500	1/2" (13mm)	D + 7/32" (6mm)	D - 11/16" (17mm)
□ 250	1/4" (6mm)	D - 9/32" (7mm)	D - 11/16" (17mm)

X-Y END CONDITION

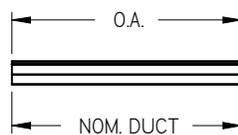
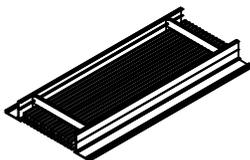


BORDER	A	O.A.	B
□ 1250	1 1/4" (32mm)	D + 55/64" (22mm)	D - 11/32" (9mm)
□ 1000	1" (25mm)	D + 39/64" (15mm)	D - 11/32" (9mm)
□ 750	3/4" (19mm)	D + 23/64" (9mm)	D - 11/32" (9mm)
□ 500	1/2" (13mm)	D + 7/64" (3mm)	D - 11/32" (9mm)
□ 250	1/4" (6mm)	D - 9/64" (4mm)	D - 11/32" (9mm)

Section orientation for cores
16A, 16B, 26B, 26C, 27B, and 27C:



Y-Y END CONDITION



BORDER	A	O.A.
□ 1250	1 1/4" (32mm)	NOM. DUCT
□ 1000	1" (25mm)	NOM. DUCT
□ 750	3/4" (19mm)	NOM. DUCT
□ 500	1/2" (13mm)	NOM. DUCT
□ 250	1/4" (6mm)	NOM. DUCT

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PROJECT:

ENGINEER:

CUSTOMER:

SUBMITTAL DATE:

SPEC. SYMBOL:



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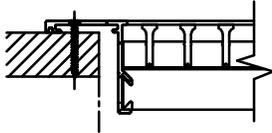
2021/01/05

LBP
Linear Bar Grille
Pressed Core

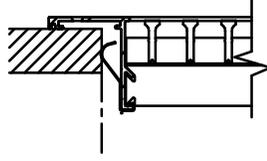
LBP Linear Bar Grilles (Pressed Core)

FASTENING

- A - Countersunk screw
- For ceiling, wall and sill application
- 1000 & 1250 frames only



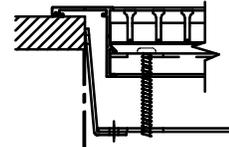
- B - Spring Clip
- For sill applications only
- Not available with 250, 250F or 500F frames



- D - Spring Clip
- 250F and 500F frames only



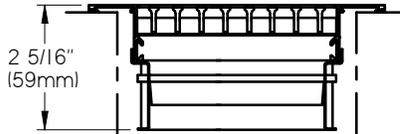
- C - Concealed mounting bracket
- For ceiling, wall & sill applications
- Not available with 250, 250F, or 500F frames
- Not available with core styles 15A, 16A, 26C or 27C
- 2" (51mm) minimum nom. width
- 18" (457mm) maximum nom. width



- H - Straight hole
- 500 & 750 frames only

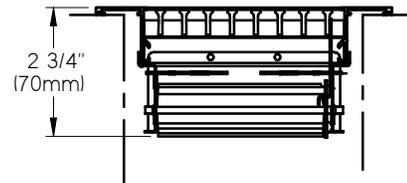
ACCESSORIES

- DV1 - Directional Vanes on 1" (25mm) spacing



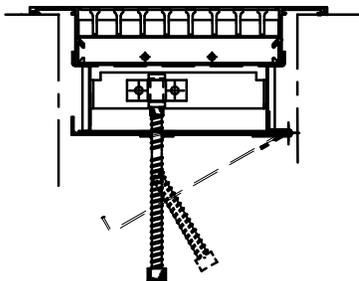
- Minimum nom. width 2" (51mm)
- Maximum nom. width 12" (305mm)
- Not available with 250F and 500F frames

- VCS3 - Steel Opposed Blade Damper
- VCS3AL - Aluminum Opposed Blade Damper



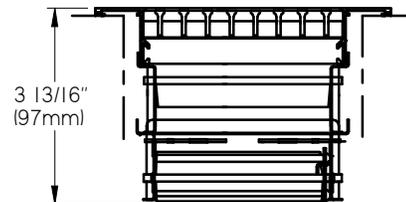
- Not recommended for use with core styles 15A, 16A, 25C, 26B, 26C, 27B & 27C due to limited access to the operator.
- Not available with 250F and 500F frames (use VCS3B mounted in duct upstream)
- Minimum nom width:
 - 2 1/2" (64mm) - Core bars parallel to long dimension.
 - 4" (102mm) - Core bars parallel to short dimension.
- VCS3AL maximum nom. width 18" (457mm).

- VCS2 - Flap Damper



- Not recommended for core style 15A, 16A, 25C, 26B, 26C, 27B & 27C due to limited access to the operator.
- Not available with 250F and 500F frames.
- Screw driver operator on 3" (76mm) through 8" (203mm) nom. widths.
- Friction hinge on 1 1/2" (38mm) through 2 1/2" (64mm) nom. widths.

- DV1 with VCS3 / VCS3AL



- Not recommended for use with core styles 15A, 16A, 25C, 26B, 26C, 27B & 27C due to limited access to the operator.
- Not available with 250F and 500F frame
- Minimum nom. width 3" (76mm)
- Maximum nom. width 12" (305mm)

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PROJECT:		PRICE
ENGINEER:		
CUSTOMER:		<i>mg</i>
SUBMITTAL DATE:		270553
SPEC. SYMBOL:		2021/01/05
		LBP Linear Bar Grille Pressed Core