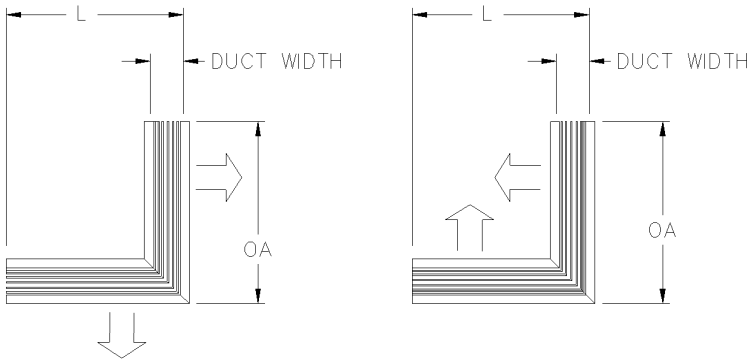
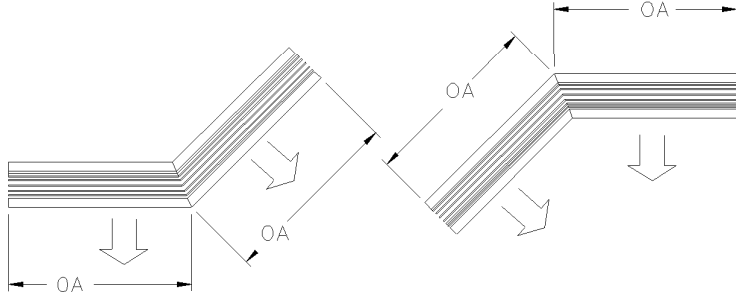


1800M/1850M MITERED LINEAR BAR GRILLE

FLOOR OR SILL APPLICATION & MAXIMUM FLOOR LOAD DETAILS **SUBMITTAL SHEET**



OUTWARD DEFLECTION 'SO' INWARD DEFLECTION 'SI'
 MITER ANGLE (135°) '02'
 CEILING OR SILL APPLICATION



OUTWARD DEFLECTION 'SO' INWARD DEFLECTION 'SI'
 MITER ANGLE (90°) '01'
 FLOOR OR SILL APPLICATION

NOTES:

1. Units May be used fore Either Supply or Return Applications
2. Construction is Extruded Aluminum with Steel Fasteners
3. Standard Finishes are 10 Alumican or 44 British White
4. Duct Widths Greater Than 10" (254) Are Not Recommended for Floor Applications
5. Cores are Permanently Attached on All Corner Units
6. Dampers Are Not Available on Mitered Units
7. For 1800 Series Details See Form GS0307
8. For 1850 Series Details See Form GS0308

DIMENSIONS GIVEN AS INCHES (MM)

DUCT WIDTH	DUCT L	OA DIMENSIONS X FRAME STYLE		
		H	M	N
2 (51) - 4 (102)	12 (305)	12 7/8 (327)	12 13/16 (325)	12 (305)
4 1/2 - 12 (114-305)	18 (457)	18 7/8 (479)	18 13/16 (478)	18 (457)

MAXIMUM FLOOR LOADING FOR LINEAR GRILLES					
1800 / 1850 SERIES			MAX. VERTICAL DISTRIBUTED LOAD	MAX. VERTICLE LIVE LOAD	MAX. HORIZONTAL LOAD
MODEL	BLADE	SPACING	lbs / sq.in.	lbs / sq.ft.	lbs.
1800 (N)	7/32 (6)	1/2 (13) OC	250	250	50
1800 (P)	7/32 (6)	7/16 (11) OC	250	250	50
1850 (N)	1/8 (3)	1/4 (6) OC	300	300	50
1850 (E)	1/8 (3)	1/2 (13) OC	200	200	50

NOTE:

If Furniture Must be placed on Diffuser Core, the Minimum Furniture Footprint of Each Leg Should be Large Enough to Cover a Minimum of Two Blades in the Specified Core Pattern to Avoid Placing a Large Horizontal Load on the Unit. See Note 4 Above