

**MODEL**

- 1700 - Linear louvered grille

**FEATURES**

- Available with 1-way or 2-way deflection
- Extruded aluminum construction
- Removable core
- Section lengths range from 6" to 72" long; units longer than 72" will consist of sections butted together

**GRILLE SIZES**

- Length: 6" - 999" (1/16" increments)
- Width: 3 1/2" - 12 1/2" (3/4" increments, 1-way configuration)
- Width: 6 1/4" - 12 1/4" (1 1/2" increments, 2-way configuration)

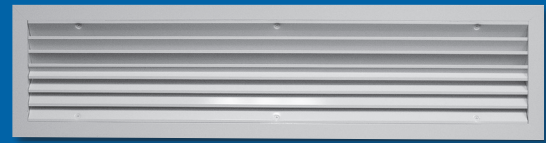
**FRAME STYLES**

- LA - 1" flange
- LB - 1/2" flange

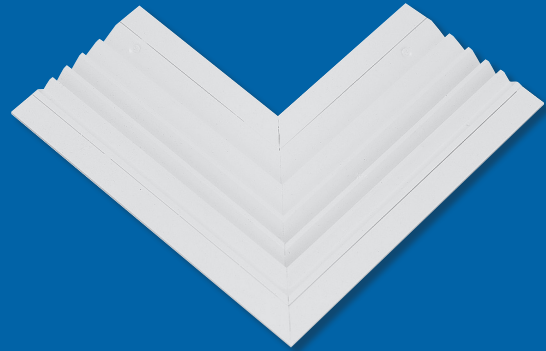
**COMPATIBLE OPTIONS AND ACCESSORIES**

- Mitered corners (model 1700MC)
- LOBD - Steel, linear opposed blade damper
- 5LOBD - Aluminum, linear opposed blade damper
- LSG - Linear straightening grid
- BOS - Blank-off strip

NOTES: Not all options available with all configurations or one another. See website for complete compatibility.



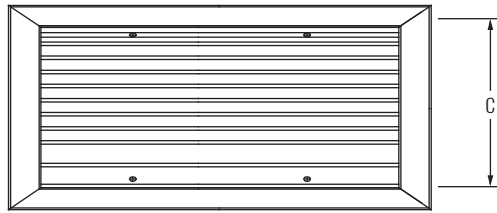
1700



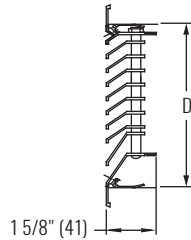
CORRESPONDING MITERED CORNER, 1700MC. CI CONSTRUCTION SHOWN.



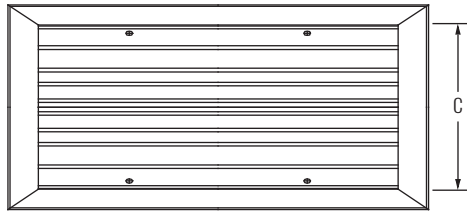
### DIMENSIONAL DATA



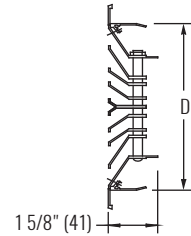
FACE VIEW, 1-WAY THROW



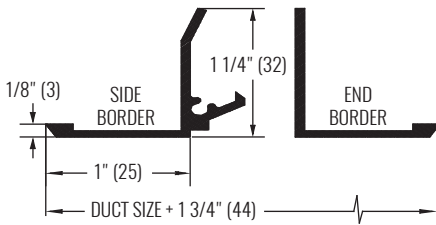
FACE VIEW, 1-WAY THROW



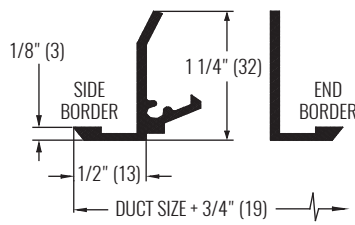
FACE VIEW, 2-WAY THROW



FACE VIEW, 2-WAY THROW



FRAME LA



FRAME LB

NOTES: Dimensions in parentheses are millimeters (mm).

#### 1-WAY THROW DIMENSIONS

NOMINAL	DUCT D	C
3 1/2" (89)	3 5/8" (92)	3 3/8" (86)
4 1/4" (108)	4 3/8" (111)	4 1/8" (105)
5" (127)	5 1/8" (130)	4 7/8" (124)
5 3/4" (146)	5 7/8" (149)	5 5/8" (143)
6 1/2" (165)	6 5/8" (168)	6 3/8" (162)
7 1/4" (184)	7 3/8" (187)	7 1/8" (181)
8" (203)	8 1/8" (206)	7 7/8" (200)
8 3/4" (222)	8 7/8" (225)	8 5/8" (219)
9 1/2" (241)	9 5/8" (244)	9 3/8" (238)
10 1/4" (260)	10 3/8" (264)	10 1/8" (257)
11" (279)	11 1/8" (283)	10 7/8" (276)
11 3/4" (298)	11 7/8" (302)	11 5/8" (295)
12 1/2" (318)	12 5/8" (321)	12 3/8" (314)

#### 2-WAY THROW DIMENSIONS

NOMINAL	DUCT D	C
6 1/4" (159)	6 3/8" (162)	6 1/8" (155)
7 3/4" (197)	7 7/8" (200)	7 5/8" (194)
9 1/4" (235)	9 3/8" (238)	9 1/8" (232)
10 3/4" (273)	10 7/8" (276)	10 5/8" (270)
12 1/4" (311)	12 3/8" (314)	12 1/8" (308)

### PERFORMANCE DATA

SIZE	PERFORMANCE - HORIZONTAL, 1-WAY THROW, 48" UNIT LENGTH			
	NC (< 25)		NC (25 - 40)	
	CFM/ft	THROW	CFM/ft	THROW
3.5"	10 - 30	8 - 17	40 - 60	20 - 24
4.25"	20 - 40	12 - 20	50 - 70	22 - 26
5"	35 - 55	18 - 23	65 - 95	25 - 30
5.75"	35 - 65	16 - 25	80 - 110	28 - 33
6.5"	40 - 80	16 - 28	100 - 140	31 - 37
8"	50 - 100	17 - 31	125 - 175	35 - 41
9.5"	60 - 120	19 - 34	150 - 240	38 - 48
11.75"	80 - 160	22 - 39	200 - 320	44 - 56

SIZE	PERFORMANCE - HORIZONTAL, 2-WAY THROW, 48" UNIT LENGTH			
	NC (< 25)		NC (25 - 40)	
	CFM/ft	THROW	CFM/ft	THROW
6.25"	20 - 50	8 - 15	65 - 95	17 - 21
7.75"	30 - 70	9 - 18	90 - 130	20 - 24
9.25"	40 - 90	10 - 20	115 - 165	23 - 27
10.75"	50 - 110	12 - 22	140 - 200	25 - 30
12.25"	60 - 130	13 - 24	165 - 235	27 - 33

SEE BACK SUPPLEMENT FOR DESIGN INFORMATION

NOTES: Drawings and performance data shown are abbreviated. Throw values are given for isothermal conditions and terminal velocities of 150, 100, and 50 FPM (0.75, 0.50, and 0.25 m/s). NC values are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10<sup>-12</sup> Watts. Dash in space denotes a NC or dB value of less than 10. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741. See website for complete information.