

MODEL

- 91610 - Stainless steel supply or return linear bar grille with 0° or 15° blade deflection, 3/8" bar spacing, and 1/8" bar thickness

FEATURES

- 304 stainless steel construction (316 optional)
- Available with end cap or butt cut end borders
- Excellent choice for installation in soffit/sill applications where airflow is required to wash over a window in a high humidity location

GRILLE SIZE

- Length: 4" - 72" (1/16" increments)
- Width: 4" - 24" (1/4" increments)

FRAME STYLES

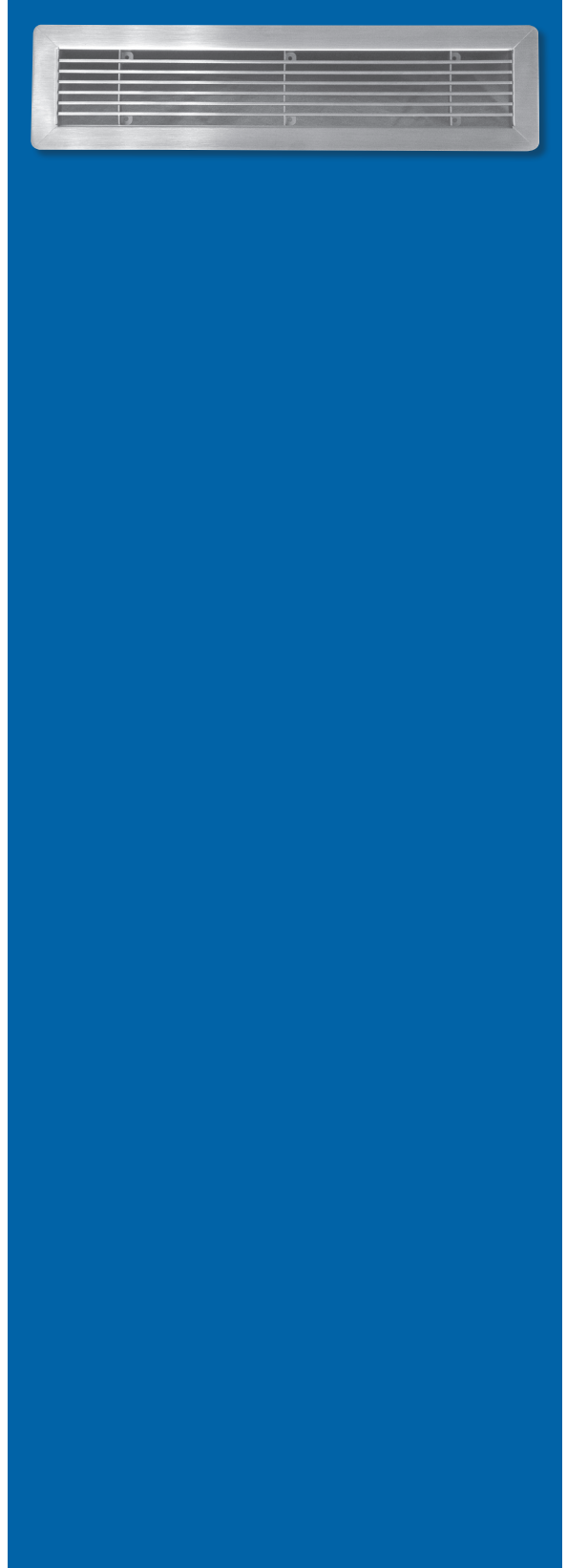
- F15 - 1 1/2" flange
- F10 - 1" flange
- F75 - 3/4" flange
- F50 - 1/2" flange
- S1 - Straight, no flange ¹

COMPATIBLE OPTIONS AND ACCESSORIES

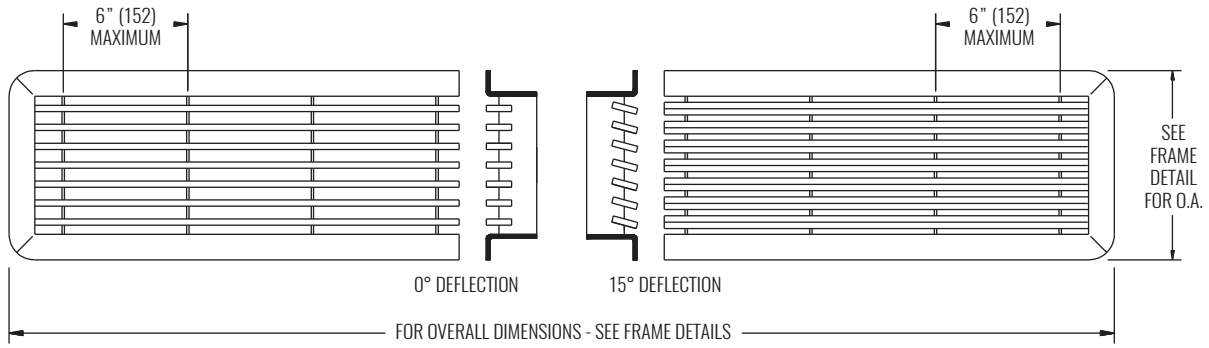
- Screw holes or concealed fastening ²
- 9OBD - Stainless steel OBD welded to unit, face adjustable ³
- BOS - Blank-off strip ⁴
- LSG - Linear straightening grid ⁴

NOTES:

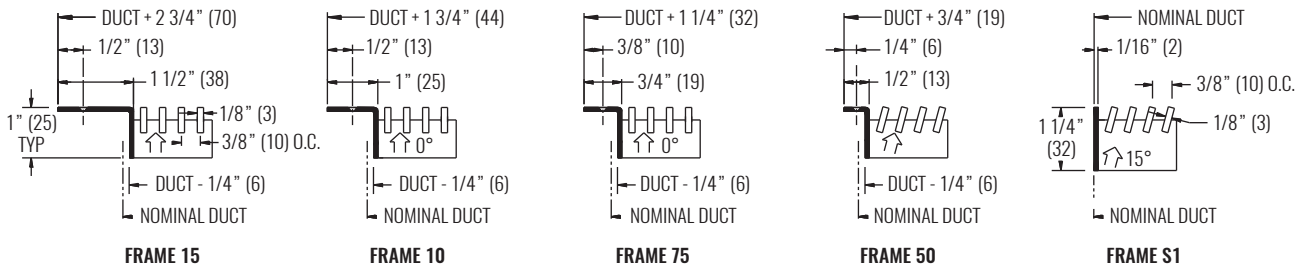
- ¹ Screw hole fastening method not available with Frame S1.
- ² Unit shipped with #6x1 1/4" stainless steel sheet metal screws for screw holes.
- ³ Damper is not available with blank-off strip accessory. Damper is not available with concealed fastening.
- ⁴ Linear straightening grid not available with blank-off strip.



DIMENSIONAL DATA



FACE VIEW



NOTES: Dimensions in parentheses are millimeters (mm).

PERFORMANCE DATA

SIZE	PERFORMANCE							
	0° DEFLECTION, 1/8" BARS, 1/2" BAR SPACING				15° DEFLECTION, 1/8" BARS, 1/2" BAR SPACING			
	NC (< 25)		NC (25 - 40)		NC (< 25)		NC (25 - 40)	
WIDTH	CFM	THROW (ft)	CFM	THROW (ft)	CFM	THROW (ft)	CFM	THROW (ft)
4"	67 - 200	13 - 20	267 - 350	21 - 22	67 - 200	13 - 20	267 - 350	21 - 25
8"	133 - 400	15 - 25	533 - 650	28 - 31	133 - 400	15 - 23	533 - 650	26 - 29
12"	200 - 400	18 - 25	600 - 800	30 - 33	200 - 400	17 - 23	600 - 800	28 - 31

SEE BACK SUPPLEMENT FOR DESIGN INFORMATION

NOTES: Information shown is abbreviated. See website for complete information. Throw value ranges are given for isothermal conditions, unless otherwise noted, and a terminal velocity of 50 FPM (0.25 m/s). NC ranges are based on octave band 2 - 7 sound power levels minus a room absorption of 10dB, re 10⁻¹² Watts. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741.