

MODEL

- 5815 - Aluminum, fixed blade supply grille with removable / reversible core

FEATURES

- Horizontal (H) or vertical (V) fixed front blades on 1/4" centers
- Adjustable rear deflection blades on 1" centers
- Removable reversible core supply adjustable in field
- Provides several deflection options : 5° up, 5° down, 15° up, or 15° down
- Flat frame

GRILLE SIZES

- Width: 6" - 72" (1/4" increments)
- Height: 4" - 36" (1/4" increments)¹

FRAME STYLE

- F22 - Surface mount

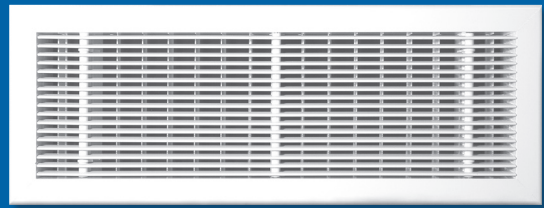
COMPATIBLE OPTIONS AND ACCESSORIES

- Screw holes
- OBD - Steel, square or rectangular damper
- 5OBD - Aluminum, square or rectangular damper
- POBD - Steel, square or rectangular painted damper
- DS - Debris screen (1/4" mesh) or IS - Insect screen (1/16" mesh), 48"x48" max size²
- SSG - Steel, square or rectangular straightening grid
- SRAC325 - Steel, square to round adapter

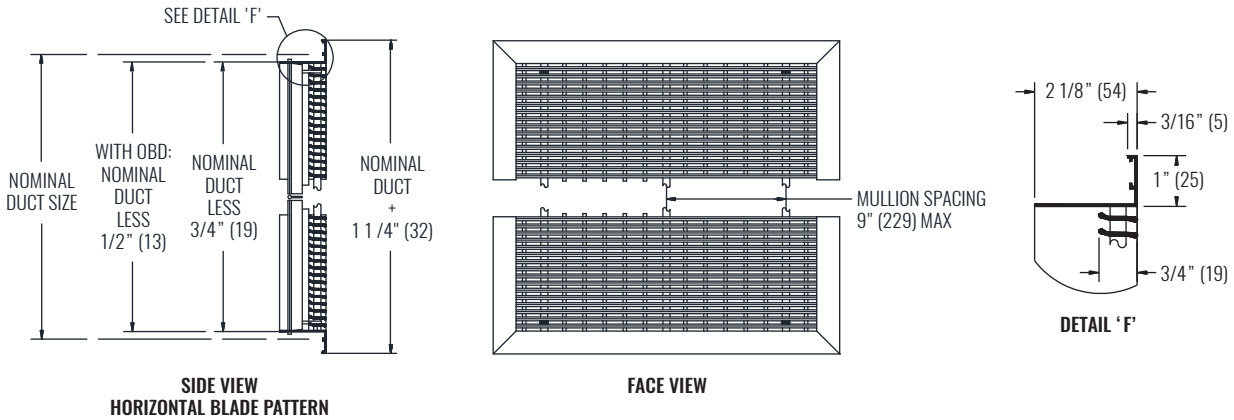
NOTES: Not all options available with all configurations or one another. See website for complete compatibility.

¹ Vertical front blades available with minimum 6" height.

² Insect and debris screens not available with dampers.



DIMENSIONAL DATA



NOTES: Dimensions in parentheses are millimeters (mm).

PERFORMANCE DATA

SIZE	PERFORMANCE - HORIZONTAL THROW							
	NC (< 25)				NC (25 - 40)			
	CFM	0° DEFL THROW (ft)	22.5° DEFL THROW (ft)	45° DEFL THROW (ft)	CFM	0° DEFL THROW (ft)	22.5° DEFL THROW (ft)	45° DEFL THROW (ft)
8"x4"	69 - 187	15 - 25	12 - 19	7 - 11	194 - 308	26 - 32	20 - 25	12 - 15
8"x8"	125 - 345	19 - 34	15 - 26	9 - 15	358 - 569	35 - 44	27 - 34	16 - 20
12"x8"	190 - 490	24 - 41	18 - 32	11 - 18	508 - 808	41 - 52	32 - 41	19 - 24
10"x10"	198 - 508	24 - 41	19 - 32	11 - 19	527 - 837	42 - 53	33 - 41	19 - 24
18"x6"	213 - 540	25 - 43	20 - 33	11 - 19	558 - 889	43 - 55	34 - 42	20 - 25
16"x8"	239 - 628	26 - 46	20 - 36	12 - 21	650 - 1034	47 - 59	36 - 46	21 - 27
32"x4"	239 - 615	26 - 46	20 - 35	12 - 21	636 - 1013	46 - 59	36 - 45	21 - 26
49"x5"	322 - 1077	25 - 60	20 - 47	11 - 27	1115 - 1774	61 - 77	48 - 60	28 - 35
24"x12"	388 - 1261	28 - 65	22 - 51	13 - 29	1304 - 2077	66 - 84	51 - 65	30 - 38
72"x4"	388 - 1223	28 - 64	22 - 50	13 - 29	1265 - 2014	65 - 83	51 - 64	29 - 37
64"x5"	388 - 1351	27 - 68	21 - 52	12 - 30	1397 - 2225	69 - 87	53 - 67	31 - 39
22.5"x22.5"	683 - 2044	37 - 83	29 - 64	17 - 37	2115 - 3367	85 - 107	66 - 83	38 - 48

SEE BACK SUPPLEMENT FOR DESIGN INFORMATION

NOTES: Information shown is abbreviated. See website for complete information. Dimensions in parentheses are millimeters (mm). 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.