

**MODEL**

- 680 - Single deflection industrial supply grille with steel frame construction
- 5680 - Single deflection industrial supply grille with extruded aluminum frame construction

**FEATURES**

- Individually adjustable extruded aluminum airfoil blades
- Horizontal or vertical blades
- Border: 1 1/4"
- Blade Spacing: 1 1/4", 2", 3"<sup>2</sup>

**GRILLE SIZE**

- Width: 6" - 48" (1" increments)<sup>1</sup>
- Height: 6" - 48" (1" increments)<sup>1</sup>

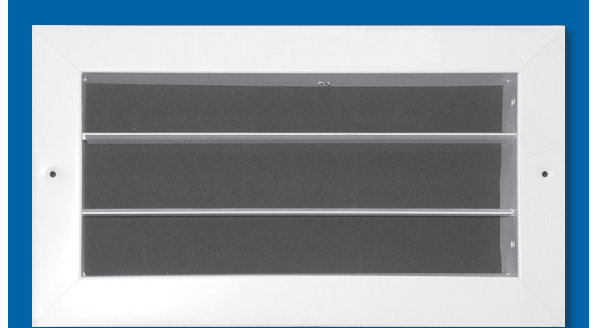
**COMPATIBLE OPTIONS AND ACCESSORIES**

- 3/16" diameter countersunk screw holes
- OBDHD - Heavy duty opposed blade damper

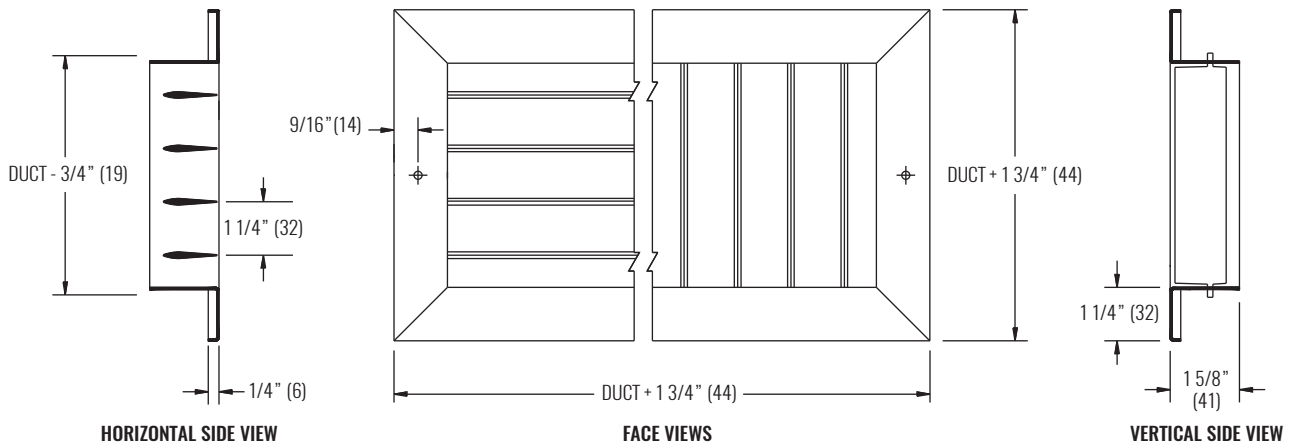
NOTES: Mounting hardware is to be provided by others.

<sup>1</sup> Use multiple sections for larger sizes.

<sup>2</sup> Minimum width and height for 3" blade spacing is 12".

**WEB SEARCH: 680 or 5680**

### DIMENSIONAL DATA



NOTES: Dimensions in parentheses are millimeters (mm). Illustration shows 1 1/4" blade spacing.

### PERFORMANCE DATA

SIZE		PERFORMANCE							
BLADE SPACING	L x W	NC (< 25)				NC (25 - 40)			
		CFM	0° DEFL THROW (ft)	15° DEFL THROW (ft)	30° DEFL THROW (ft)	CFM	0° DEFL THROW (ft)	15° DEFL THROW (ft)	30° DEFL THROW (ft)
1.25"	8"x8"	142 - 381	29 - 48	26 - 43	23 - 39	396 - 630	49 - 61	44 - 56	40 - 50
	18"x8"	384 - 804	48 - 69	43 - 63	39 - 57	833 - 1329	71 - 89	64 - 81	58 - 73
	18"x18"	1095 - 1696	81 - 101	73 - 91	66 - 83	1755 - 2802	103 - 130	93 - 117	84 - 106
	24"x14"	1188 - 1747	84 - 102	76 - 93	69 - 84	1806 - 2887	104 - 131	94 - 119	85 - 108
	26"x15"	1188 - 1997	84 - 109	76 - 99	69 - 90	2066 - 3300	111 - 141	101 - 127	91 - 115
	28"x19"	1717 - 2638	101 - 126	92 - 114	83 - 103	2729 - 4359	128 - 162	116 - 146	105 - 132
2"	18"x10"	676 - 1060	64 - 80	58 - 72	52 - 65	1098 - 1752	81 - 102	73 - 93	66 - 84
	30"x12"	1280 - 1977	88 - 109	79 - 98	72 - 89	2046 - 3267	111 - 140	100 - 127	91 - 115
	28"x20"	1822 - 2954	104 - 133	95 - 120	86 - 109	3055 - 4880	135 - 171	122 - 155	111 - 140
3"	30"x10"	1023 - 1671	78 - 100	71 - 91	64 - 82	1729 - 2761	102 - 129	92 - 116	83 - 105
	20"x36"	2154 - 3686	114 - 149	103 - 134	93 - 122	3813 - 6090	151 - 191	137 - 173	124 - 156

SEE BACK SUPPLEMENT FOR DESIGN INFORMATION

NOTES: Information shown is abbreviated. See website for complete information. Dimensions in parentheses are millimeters (mm). Unless otherwise noted, throw value ranges provided are for a horizontal discharge air pattern at isothermal conditions 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<sup>-12</sup> Watts. Data was obtained from tests conducted in accordance with ANSI/ASHRAE Standard 70, ISO Standard 5219, and ISO Standard 3741.