9S80

Stainless Steel Return, Fixed Blade

MODEL

- 9S80 - Stainless steel, fixed blade return

FEATURES

- 304 stainless steel construction (316 optional)
- Sturdy deflection blades spaced on 3/4" centers
- Horizontal or vertical blades at 45˚ deflection (H or V)
- Horizontal or vertical blades at 0˚ deflection (HZ or VZ)

GRILLE SIZE

- Width: 4" - 48" (1" increments)
- Height: 4" - 60" (1" increments)

FRAME STYLES

- F22 - Surface mount
- F23 - Lay-in T-bar

PANEL SIZES

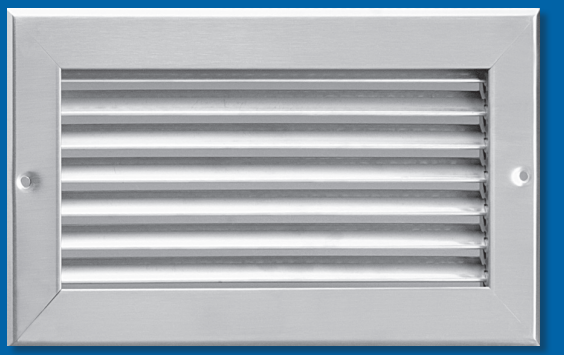
- 24"x24"
- 48"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

- Countersunk screw holes [1]
- 9OBD - Stainless steel OBD welded to unit, face adjustable
- 98PF - Stainless steel plaster frame
- 9SRA - Stainless steel square to round adapter

NOTES:

1 Unit shipped with #6x1 1/4" stainless steel sheet metal screws.



WEB SEARCH: 9S80

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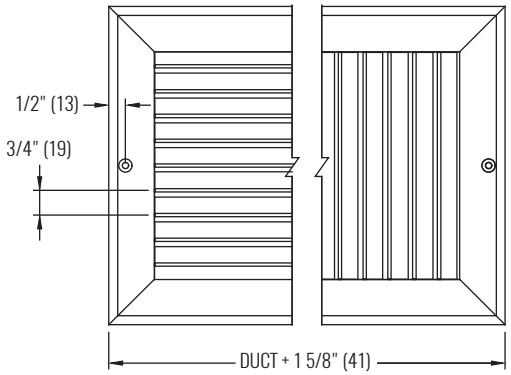
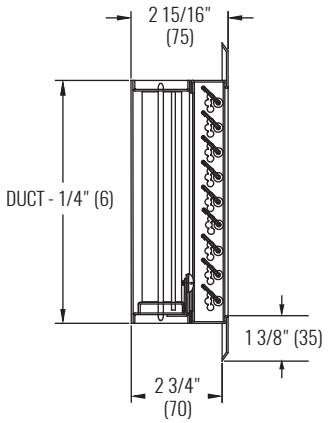
KRUEGER

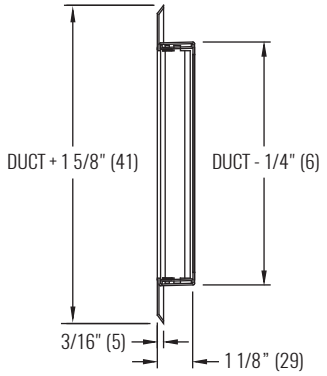
DIMENSIONAL DATA



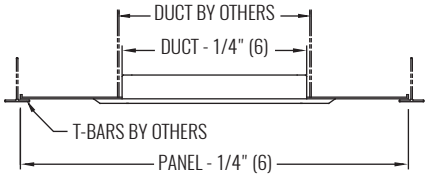
FACE VIEW



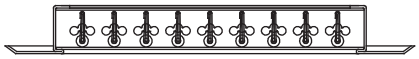
HORIZONTAL VIEW WITH 9OBD SHOWN
FRAME 22, SURFACE MOUNT



VERTICAL VIEW
FRAME 22, SURFACE MOUNT



FRAME 23, LAY-IN T-BAR



FIXED 0° BLADE SHOWN

NOTES: Dimensions in parentheses are millimeters (mm).

PERFORMANCE DATA

SIZE	PERFORMANCE			
NOMINAL SIZE	0° DEFLECTION		45° DEFLECTION	
	NC (< 25)	NC (25 - 40)	NC (< 25)	NC (25 - 40)
	CFM	CFM	CFM	CFM
6"x6"	75 - 200	231 - 325	25 - 100	119 - 175
8"x8"	75 - 338	403 - 600	25 - 163	197 - 300
10"x10"	125 - 513	609 - 900	50 - 250	300 - 450
12"x6"	100 - 375	44 - 650	25 - 175	213 - 325
12"x8"	150 - 500	588 - 850	50 - 230	245 - 435
12"x12"	200 - 725	856 - 1250	50 - 338	409 - 625
14"x14"	250 - 950	1125 - 1650	75 - 435	460 - 820
16"x16"	250 - 1175	1406 - 2100	75 - 545	575 - 1050
20"x20"	500 - 1800	2125 - 3100	100 - 795	835 - 1530
22"x10"	300 - 1050	1238 - 1800	75 - 488	591 - 900
22"x22"	500 - 2100	2500 - 3700	100 - 925	1000 - 1800
24"x12"	350 - 1325	1569 - 2300	75 - 600	650 - 1150

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.