

MODEL

- AFCS80 - Steel, fixed curved blade return

FEATURES

- Steel construction
- Horizontal (H) or vertical (V) blades
- Curved blades
- 3/4" blade spacing
- 45° deflection

GRILLE SIZES ¹

- Width: 6" - 240" (1/4" increments)
- Height: 4" - 240" (1/4" increments)

FRAME STYLES

- F22 - Surface mount
- F23 - Lay-in T-bar ²
- F98 - Narrow-T ³
- FTB - Channel frame ⁴

PANEL SIZES

- 24"x12"
- 24"x24"
- 48"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

- Screw holes, concealed fastening ⁵, knurled knob ⁶, or 1/4-turn fasteners ⁶
- 5FF - Filter frame to fit 1" or 2" filter by others (8"x8" to 48"x36" or 36"x48")
- 8PF - Steel plaster frame (48"x36" or 36"x48" max)
- 58PF - Aluminum plaster frame (48"x36" or 36"x48" max)
- OBD - Steel, square or rectangular damper
- 5OBD - Aluminum, square or rectangular damper
- POBD - Steel, square or rectangular painted damper
- SRAC325 - Steel, square to round adapter
- DS - Debris screen (1/4" mesh) or IS - Insect screen (1/16" mesh)

NOTES: Not all options available with all configurations. Many options not compatible with other options. Size limitations on accessories. See website for complete compatibility.

¹ Max ordered size is 240"x96" or 96"x240". Units over 48"x48" provided in multiple sections.

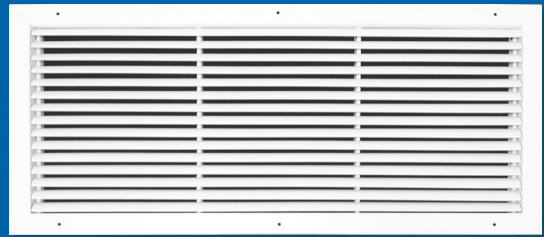
² Minimum of 4" difference required between inlet and panel size for F23.

³ F98 only available with 24"x12" and 24"x24" panels.

⁴ FTB frame available in 6"x6" to 48"x48" only, no panel.

⁵ Concealed fastening available in max 36"x36" size.

⁶ Knurled knob and 1/4 turn fastening methods are only available with filter frame accessory.

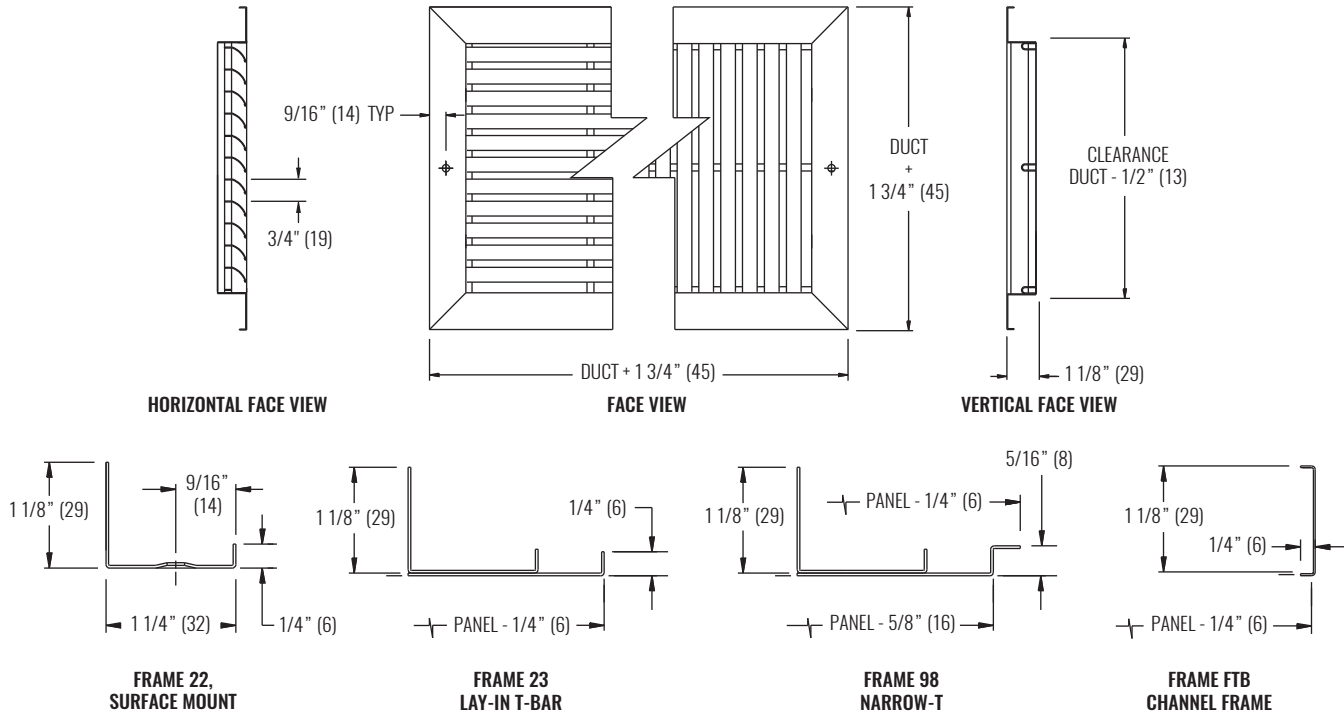


AFCS80

Return Grille, Architectural, 45° Curved Blade



DIMENSIONAL DATA



NOTES: Dimensions in parentheses are millimeters (mm). Illustration (top) shown for 45° deflection.

PERFORMANCE DATA

SIZE NOMINAL	PERFORMANCE	
	NC (< 25) CFM	NC (25 - 40) CFM
6"x6"	57 - 89	120 - 182
8"x8"	25 - 163	197 - 300
10"x10"	50 - 250	300 - 450
12"x8"	142 - 219	297 - 375
12"x12"	50 - 338	409 - 625
14"x14"	100 - 450	538 - 800
18"x6"	157 - 244	330 - 417
20"x20"	463 - 733	1004 - 1274
22"x10"	125 - 416	513 - 900
22"x22"	200 - 963	1153 - 1725
24"x12"	100 - 613	741 - 1125
24"x24"	200 - 1100	1325 - 2000

SEE BACK SUPPLEMENT FOR DESIGN INFORMATION

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