

MODEL

- AFCS85 - Steel, fixed curved blade return

FEATURES

- Steel construction
- Horizontal (H) or vertical (V) blades
- Curved blades
- 1/2" blade spacing
- 30° 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.

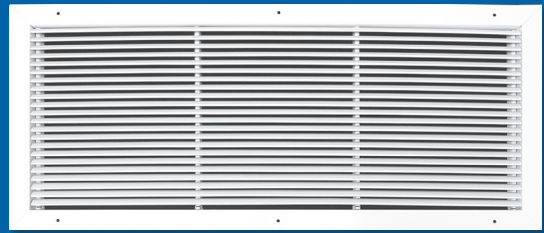
² Minimum of 4" difference required between inlet and panel size for F23.

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.



WEB SEARCH: AFCS85

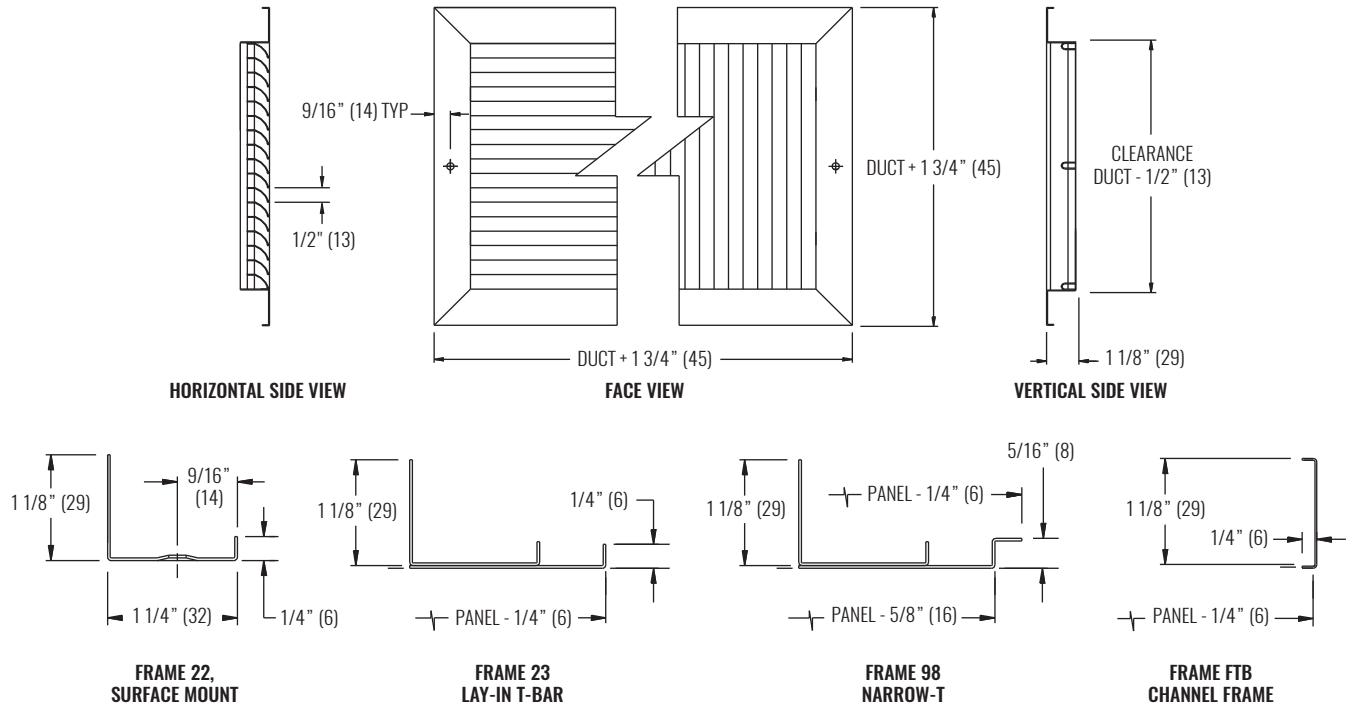


AFCS85

Return Grille, Architectural, 30° Curved Blade



DIMENSIONAL DATA



NOTES: Dimensions in parentheses are millimeters (mm). Illustration (top) shown for 30° deflection.

PERFORMANCE DATA

SIZE	PERFORMANCE	
	NC (< 25)	NC (25 - 40)
NOMINAL	CFM	GFM
6"x6"	75 - 125	138 - 175
8"x8"	150 - 225	244 - 300
10"x10"	225 - 350	381 - 475
12"x12"	325 - 500	544 - 675
14"x14"	400 - 663	728 - 925
18"x18"	650 - 1063	1166 - 1475
20"x20"	800 - 1300	1425 - 1800
22"x6"	275 - 438	478 - 600
22"x10"	450 - 738	809 - 1025
22"x22"	950 - 1538	1684 - 2125
24"x14"	650 - 1088	1197 - 1525
40"x6"	475 - 763	834 - 1050

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.