

MODELS

- 6490 - Steel, perforated return with square inlet
- 56490 - Aluminum, perforated return with square inlet (steel backpan)

FEATURES

- Removable perforated face for easy cleaning

INLET SIZES ¹

- 6"x6"
- 8"x8"
- 10"x10"
- 12"x12"
- 14"x14"
- 15"x15"
- 16"x16"
- 18"x6"
- 18"x18"
- 22"x10"
- 22"x22"
- 46"x22"

FRAME STYLES

- F20 - Surface mount
- F23 - Lay-in T-bar
- F30 - Drop face
- F98 - Narrow-T ²

PANEL SIZES ¹

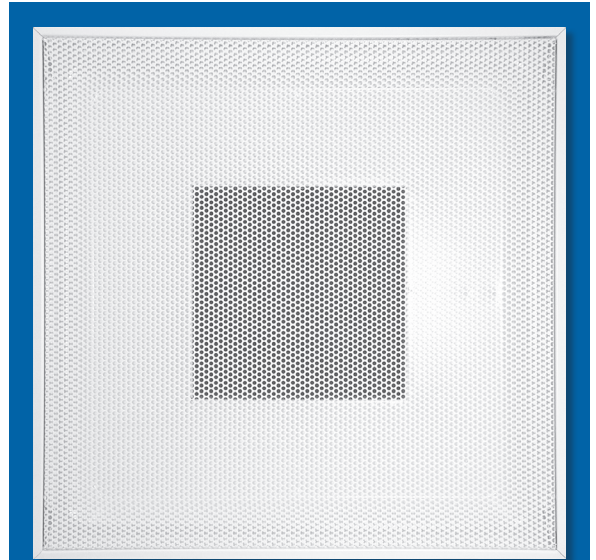
- 12"x12"
- 16"x16" ³
- 20"x20" ³
- 24"x12"
- 24"x24"
- 48"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

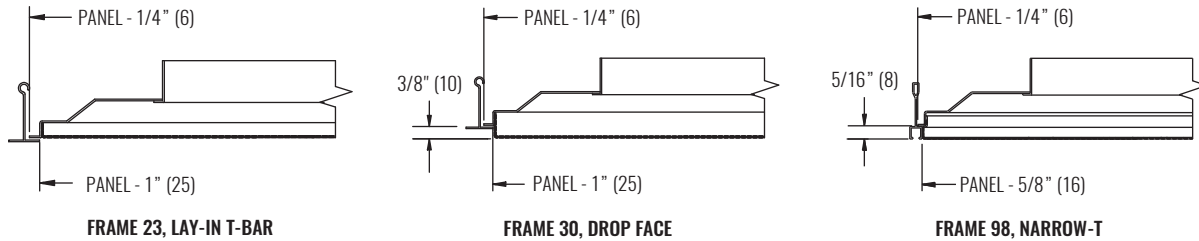
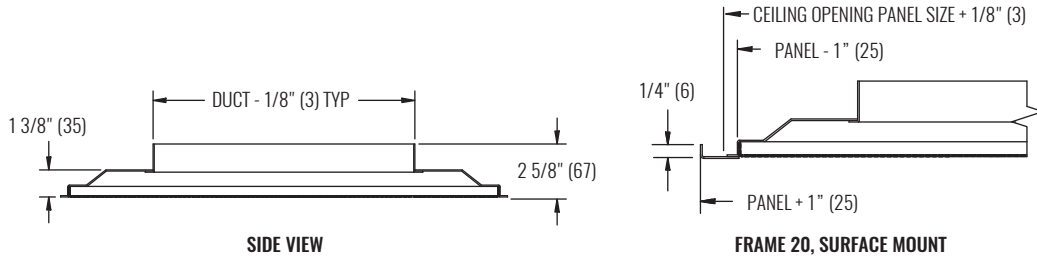
- Optional insulated backpan
- OBDFA - Steel, square or rectangular face operated damper
- 5OBDFA - Aluminum, square or rectangular face operated damper
- HCF23 - Steel, hard ceiling frame (Frame 23 only)
- 5HCF23 - Aluminum, hard ceiling frame (Frame 23 only)

NOTES:

- ¹ See catalog for available inlet and panel size combinations.
- ² Frame 98 only available with 24"x24" panel size.
- ³ Model 56490 not available in 16"x16" and 20"x20" panel sizes.



DIMENSIONAL DATA



NOTES: Dimensions in parentheses are millimeters (mm). Illustrations shown are for 24"x24" panel size.

PERFORMANCE DATA

SIZE		PERFORMANCE	
PANEL	NOMINAL INLET	NC (< 25)	NC (25 - 40)
		CFM	CFM
12"x12"	6"x6"	75 - 285	305 - 520
24"x12"	22"x10"	458 - 1000	1069 - 1875
24"x24"	6"x6"	75 - 285	305 - 520
	8"x8"	133 - 430	444 - 785
	10"x10"	208 - 575	625 - 1075
	12"x12"	300 - 765	800 - 1390
	16"x16"	533 - 1150	1244 - 1956
	18"x18"	675 - 1350	1450 - 2250
	22"x22"	1008 - 1775	1900 - 3025
48"x24"	46"x22"	703 - 3000	3200 - 4919

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.