

MODELS

- 6200 - Steel, perforated face ceiling diffuser with square inlet
- 56200 - Aluminum, perforated face ceiling diffuser with square inlet (steel backpan)

FEATURES

- Individually adjustable curved blade pattern deflectors for horizontal to vertical throw
- Variety of air discharge patterns available
- Removable perforated face and core for easy cleaning

INLET SIZES

- 6"x6" (available for all panel sizes)
- 8"x8" (not available in 12"x12" or 24"x12" panel sizes)
- 10"x10" (not available in 12"x12" or 24"x12" panel sizes)
- 12"x12" (not available in 12"x12", 16"x16" or 24"x12" panel sizes)
- 14"x14" (only available in 24"x24" or 48"x24" panel sizes)
- 16"x16" (only available in 24"x24" or 48"x24" panel sizes)
- 18"x18" (only available in 24"x24" or 48"x24" panel sizes)

FRAME STYLES

- F20 - Surface mount
- F23 - Lay-in T-bar
- F27 - Spline
- F30 - Drop face
- F98 - Narrow-T

PANEL SIZES

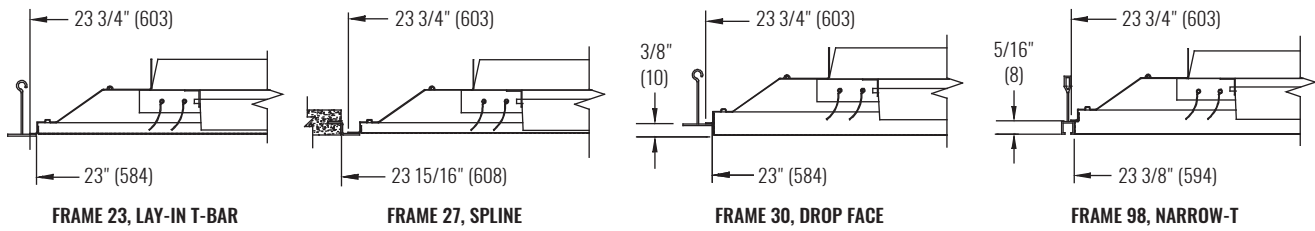
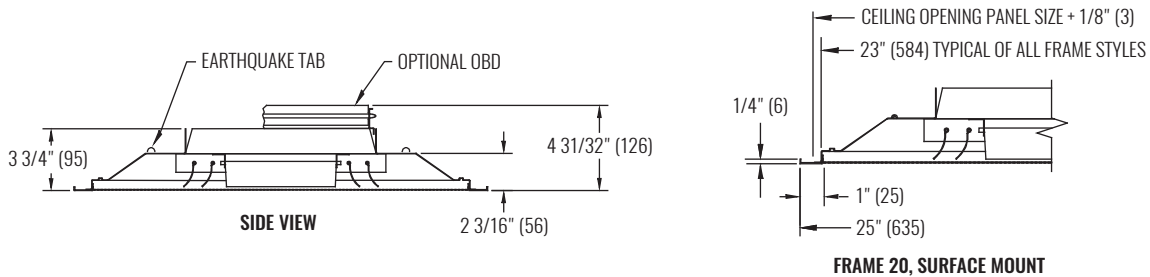
- 12"x12"
- 16"x16"
- 20"x20"
- 24"x12"
- 24"x24"
- 48"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

- OBD - Steel, square or rectangular damper
- 5OBD - Aluminum, square or rectangular damper
- POBD - Steel, square or rectangular painted damper
- OBDDM - Steel, square or rectangular damper (duct mount)
- EX8 - Steel duct extractor with 1" blade spacing (duct mount)
- EX88 - Steel duct extractor with 2" blade spacing (duct mount)
- HCF23 - Steel, hard ceiling frame (F23 only)
- 5HCF23 - Aluminum, hard ceiling frame (F23 only)
- SSG - Steel, square or rectangular straightening grid
- SRAC325 - Steel, square to round adapter



DIMENSIONAL DATA



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

PERFORMANCE AND DESIGN DATA

SIZES		PERFORMANCE - HORIZONTAL THROW				DESIGN		
PANEL	NOMINAL INLET	NC (< 25)		NC (25 - 40)		CFM @ NC-30	SPACING @ 0.6 CFM/sf (ft)	MINIMUM CFM/sf
		CFM	THROW (ft)	CFM	THROW (ft)			
12"x12"	6"x6"	75 - 170	6 - 12	175 - 250	12 - 15	210	19	0.35
16"x16"	10"x10"	69 - 320	3 - 13	347 - 500	13 - 16	350	24	0.38
20"x20"	8"x8"	89 - 250	5 - 14	267 - 370	14 - 17	280	22	0.40
	12"x12"	100 - 360	2 - 14	380 - 550	15 - 20	425	27	0.42
24"x24"	6"x6"	75 - 150	6 - 11	175 - 320	11 - 14	210	19	0.38
	8"x8"	133 - 267	8 - 14	300 - 530	15 - 20	360	24	0.40
	10"x10"	208 - 390	10 - 17	417 - 764	18 - 24	500	29	0.40
	12"x12"	300 - 550	12 - 20	600 - 1100	21 - 29	750	35	0.40
	14"x14"	408 - 720	14 - 23	770 - 1497	25 - 34	950	40	0.40
	16"x16"	533 - 889	16 - 26	970 - 1956	27 - 38	1150	44	0.40
	18"x18"	675 - 1125	18 - 29	1200 - 2250	30 - 41	1500	50	0.42

NOTES: Information shown is abbreviated. See website for complete information. Dimensions in parentheses are millimeters (mm). 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. Design spacing is recommended distance between diffusers in an open plan office based on ADPI > 80%, 9ft ceiling, and 55°F discharge at 30 NC and 0.6 CFM/sf. Minimum CFM/sf is based on recommended spacing at 80% ADPI. Design recommendations not applicable to vertical throw. "N/A" in design table denotes situations which do not result in ADPI>80% and are therefore not recommended.