

MODEL

- 6600 - Steel, perforated ceiling diffuser with round inlet
- 56600 - Aluminum, perforated ceiling diffuser with round inlet (steel backpan)

FEATURES

- Field adjustable 1, 2, 3, or 4-way blow patterns
- Great choice for installations with changing air pattern requirements
- Removable perforated face for easy cleaning

INLET SIZES¹

- Round: 6" - 16" (2" increments)

FRAME STYLES

- F20 - Surface mount
- F23 - Lay-in T-bar
- F30 - Drop face
- F98 - Narrow-T²

PANEL SIZES¹

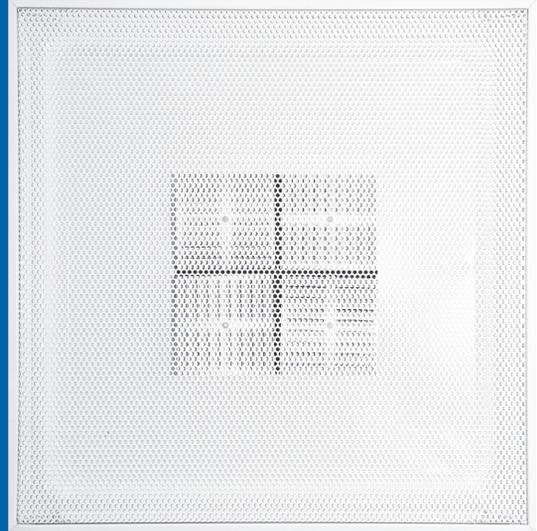
- 12"x12"
- 16"x16"³
- 20"x20"³
- 24"x12"
- 24"x24"
- 48"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

- Optional Insulated Backpan
- PR10 - Steel, radial opposed blade damper
- PRN100 - Steel, radial fan damper
- RP12 - Steel, butterfly bladed damper
- PRD10 - Steel, radial opposed blade damper (duct mount)
- PRD100 - Steel, radial fan damper (duct mount)
- PR12 - Steel, butterfly bladed damper (duct mount)
- RSG15 - Steel, round straightening grid (duct mount)
- PRSG15 - Steel, round straightening grid
- 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)

NOTES:

- ¹ See catalog for available inlet and panel size combinations.
- ² Frame 98 only available with 24"x24" panel size.
- ³ Models 56600 not available in 16"x16" and 20"x20" panel sizes.

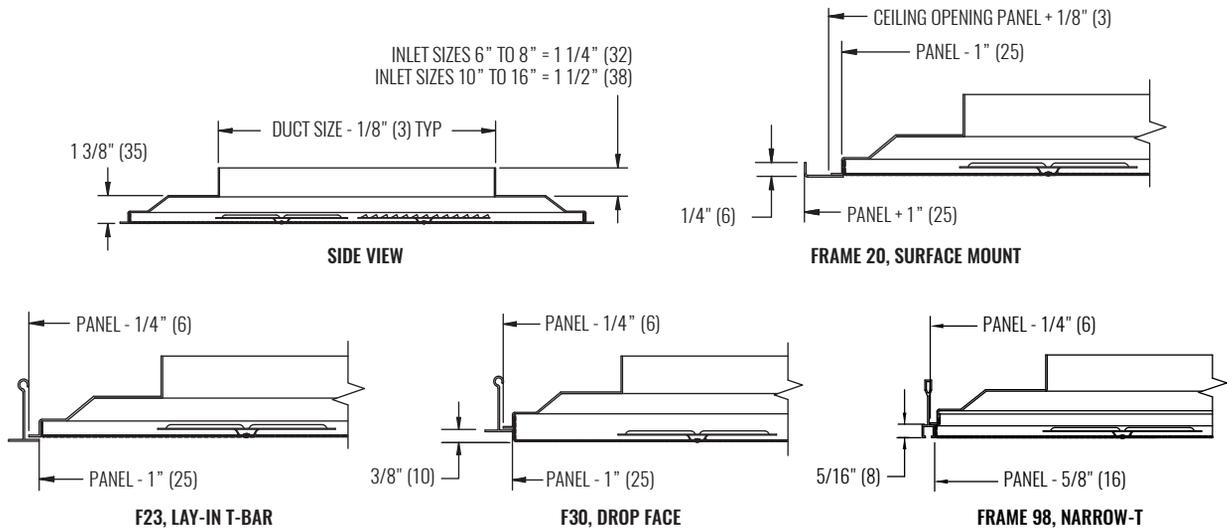


6600 / 56600

Perforated Face Diffuser, Adjustable Pattern Deflectors



DIMENSIONAL DATA



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

PERFORMANCE AND DESIGN DATA

SIZE		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"	59 - 137	3 - 7	157 - 245	8 - 11	180	17	0.45
16"x16"	8"	105 - 220	5 - 10	244 - 349	11 - 15	270	21	0.50
24"x24"	6"	59 - 150	3 - 9	157 - 240	9 - 12	190	18	0.49
	8"	105 - 220	5 - 10	244 - 349	11 - 15	250	20	0.50
	10"	164 - 300	6 - 11	327 - 491	12 - 17	350	24	0.53
	12"	235 - 375	7 - 11	392 - 628	12 - 18	470	28	0.58
	14"	320 - 481	8 - 12	510 - 748	13 - 19	600	32	0.60

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.