6600FR

Perforated Face Diffuser, Adjustable Pattern Deflectors, Fire Rated

MODEL

- 6600FR - Steel, fire rated, perforated ceiling diffuser with round inlet

FEATURES

- UL 263 classified assembly which incorporates a 3-hour rated fire damper and a 1/2” thick ceramic fiber blanket
- 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 SIZES

- Round: 6” - 14” (2” increments)

FRAME STYLES

- F23 - Lay-in T-bar

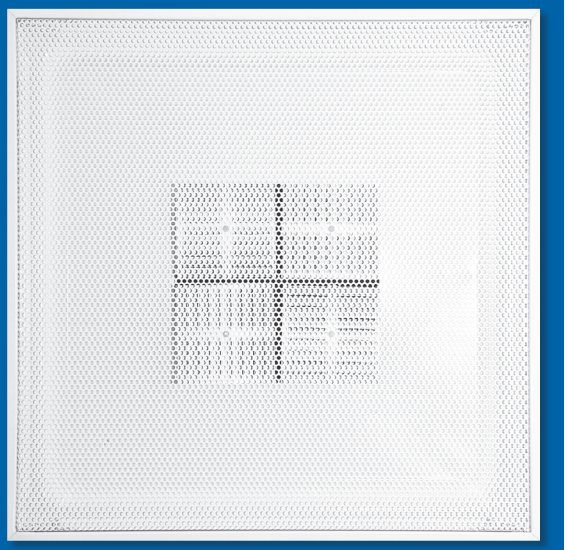
PANEL SIZES

- 24”x24”

COMPATIBLE OPTIONS AND ACCESSORIES

- 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)
- 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

NOTE:
1 Check allowance of options and accessories with local fire codes.



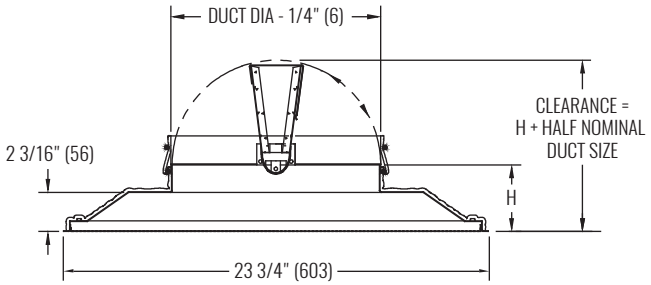
WEB SEARCH: 6600FR

6600FR

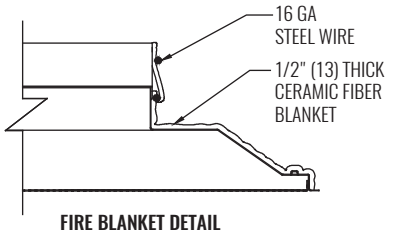
Perforated Face Diffuser, Adjustable Pattern Deflectors, Fire Rated

KRUEGER

DIMENSIONAL DATA



FRAME 23, LAY-IN T-BAR



FIRE BLANKET DETAIL

DIMENSIONS	
INLET SIZE	H
6" - 8"	3 1/4"(83)
10" - 14"	3 3/4"(95)

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)			
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.