6590FR

Perforated Face Return, Fire Rated

MODEL

- 6590FR - Steel, fire rated return with round inlet

FEATURES

- UL 263 classified assembly which incorporates a 3-hour rated fire damper and a 1/2” thick ceramic fiber blanket
- Removable perforated face and core for easy cleaning

INLET SIZES

- Round: 6” - 14” (2” increments)

FRAME STYLES

- F23 - Lay-in T-bar

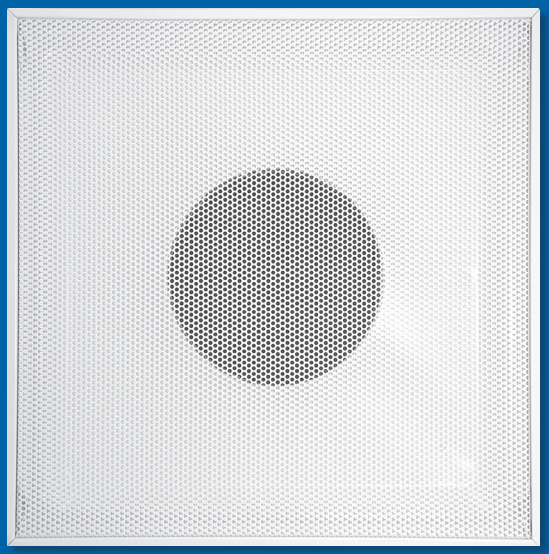
PANEL SIZES

- 24”x24”

COMPATIBLE OPTIONS AND ACCESSORIES [1]

- 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 (F23 only)

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



WEB SEARCH: 6590FR

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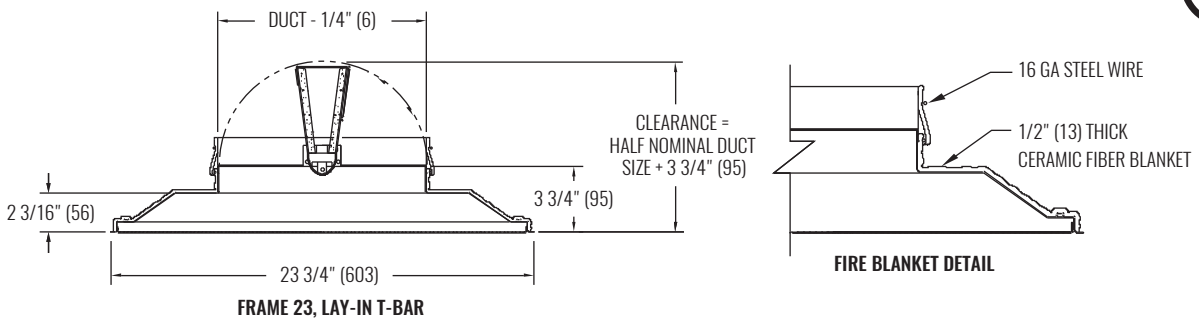
KRUEGER

DIMENSIONAL DATA



FRAME 23, LAY-IN T-BAR

FIRE BLANKET DETAIL

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
24"x24"	6"	59 - 350	370 - 705
	8"	105 - 475	510 - 960
	10"	164 - 600	650 - 1220
	12"	235 - 706	785 - 1445
	14"	320 - 865	915 - 1750

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.