

MODEL

- 6390 - Steel, perforated face return with fiberglass backpan, pre-scored for round spin in duct

FEATURES

- Pre-scored fiberglass backpan for round spin-in collars (6" to 16", provided by others)
- Great choice for ducted return air systems

INLET SIZES

- Round: Pre-scored 6" - 16" (2" increments), field cut

FRAME STYLES

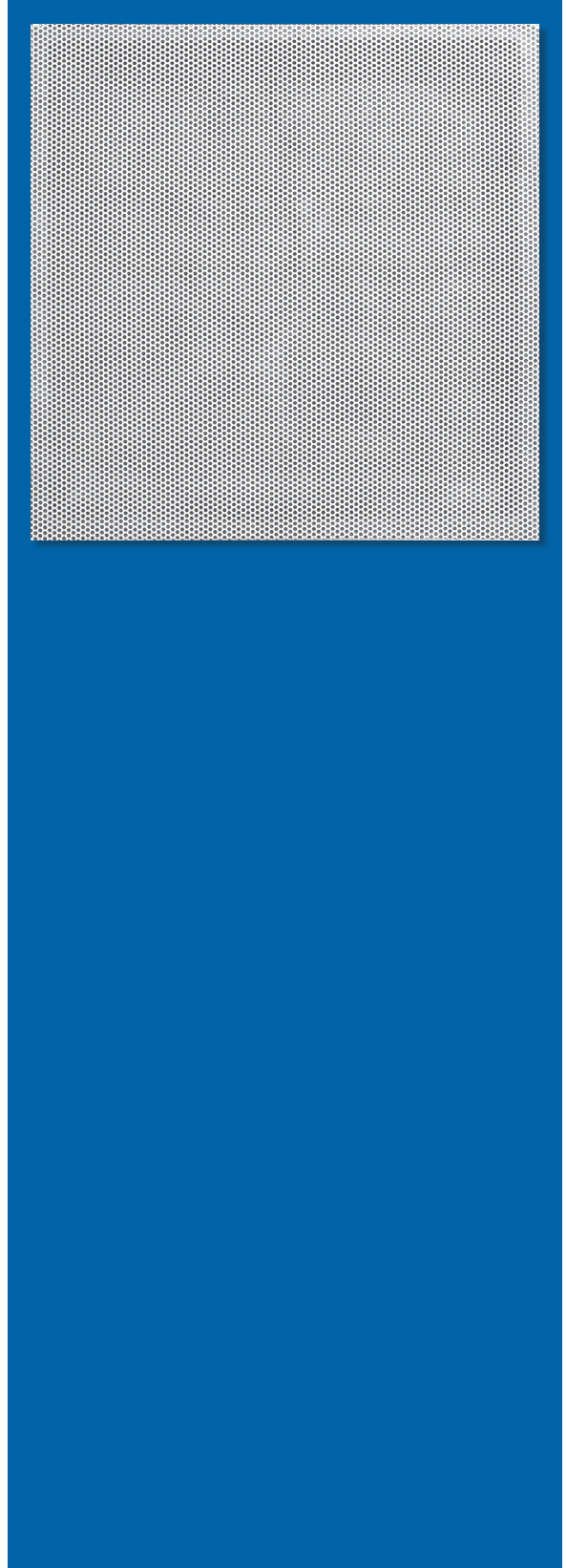
- F23 - Lay-in T-bar

PANEL SIZES

- 24"x24"

COMPATIBLE OPTIONS AND ACCESSORIES

- HCF23 - Steel, hard ceiling frame
- 5HCF23 - Aluminum, hard ceiling frame

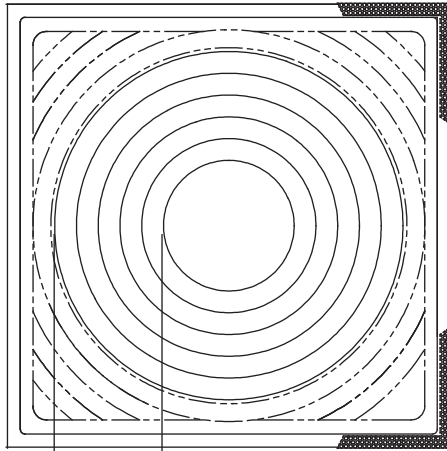


DIFFUSERS | PERFORATED FACE

6390

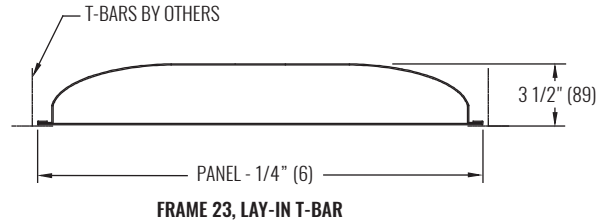


DIMENSIONAL DATA



SCORING OF THE BACKPAN IDENTIFIES ROUND DUCT SIZES FROM 6" (152) TO 16" (406) TO FACILITATE FIELD CUTTING

BACKPAN SCORING 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)
		GFM	GFM
24"x24"	6"	59 - 360	380 - 610
	8"	105 - 650	680 - 1095
	10"	164 - 1025	1065 - 1720
	12"	235 - 1410	1465 - 2370
	14"	320 - 2025	2100 - 3400
	16"	419 - 2655	2755 - 4460

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.