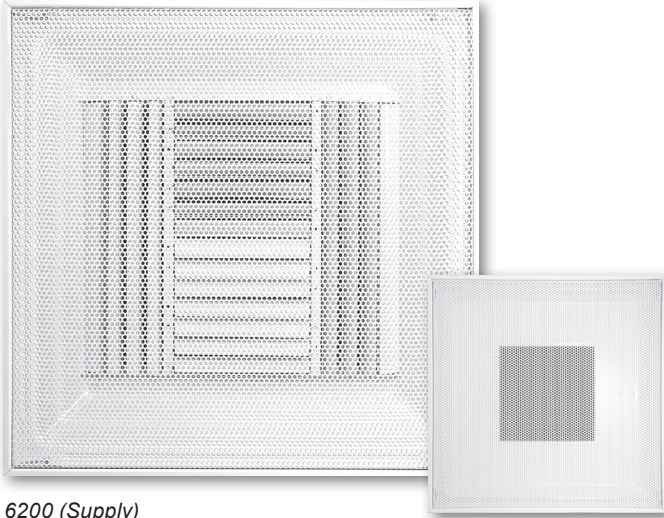
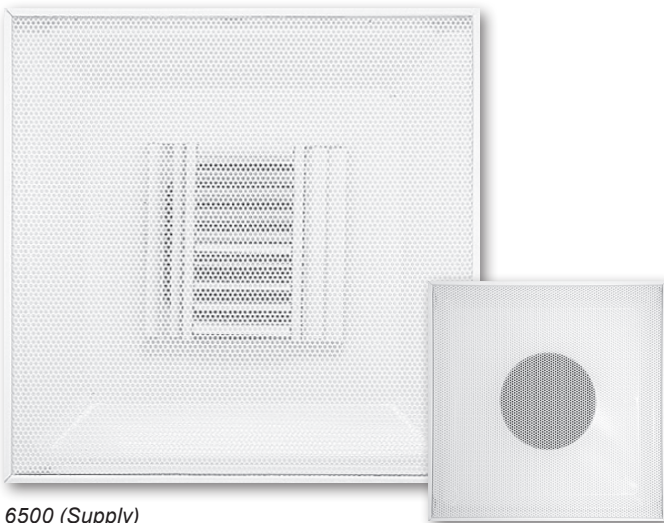


PERFORATED FACE DIFFUSERS



6200 (Supply)

6490 (Return)  
See page C1-52 for more information.



6500 (Supply)

6690 (Return)  
See page C1-52 for more information.

**Introduction: 6200, 6500 Series**

The 6200/6500 series perforated diffusers use blade-type pattern deflectors mounted on the backpan and are available in pre-selected 1, 2, 3, or 4-way blow patterns. Individually adjustable curved blades allow field adjustment of the air pattern in each direction, which may be field set to any position between a vertical throw and a tight ceiling, long throw pattern. The pattern deflectors on the backpan create aspiration of secondary air through the perforated face where it is mixed with primary air that is then discharged through the perforated face. This aspiration and mixing effect reduces the discharge air temperature to avoid cold air drafts. Additionally, it removes smudging material from the secondary air by impingement on the perforated face. Ceiling smudging of adjacent, hard to clean ceiling surfaces is greatly reduced. The 6200/6500 series diffusers exhibit typical isothermal throws of 8' to 20' for 4-way air distribution and 21' to 50' for 1-way air distribution making this diffuser an excellent choice for irregular room shapes. Matching returns are the 6490 and 6690 series.

**MODELS**

- 6200 - Steel Construction, Square Neck, Supply Diffuser
- 6200FR - Fire Rated, Steel Construction, Square Neck, Supply Diffuser
- 6290F - Steel Construction, Designed for Standard 20"x20"x1" Filter (By Others), Square Neck, Filter Return
- 6290FR - Fire Rated, Steel Construction, Square Neck Return
- 56200 - Aluminum Perforation with Steel Backpan, Square Neck, Supply Diffuser
- 6500 - Steel Construction, Round Neck, Supply Diffuser
- 6500FR - Fire Rated, Steel Construction, Round Neck, Supply Diffuser
- 56500 - Aluminum Perforation with Steel Backpan, Round Neck, Supply Diffuser
- 6590FR - Fire Rated, Steel Construction, Round Neck Return

**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.

**PANEL SIZES**

- 12"x12"
- 20"x20"
- 24"x24"
- 16"x16"
- 12"x24"
- 24"x48"

**ACCESSORIES**

- Optional Round Damper
- Optional Opposed Blade Damper (Model OBD)
- Optional Straightening Grid
- Optional Insulated Backpan

**FINISHES**

- Standard finish is #44 British White.
- Optional finishes available.

6200-6500