

Ceiling Air Diffuser

Molded Acoustical Product's Ceiling Air Diffusers are a formed fiberglass air outlet for use in standard 24" x 24" ceiling grid systems. MAP's diffusers are constructed with foil barrier backing that reduces condensation while providing optimum thermal and acoustic properties. Designed for field installation, the face of the diffuser includes a cut layout set for a circular 360 degree duct pattern.

TYPICAL USES

- Moisture prevention around grille
- Lays on back of all standard 2' x 2' T-Bars
- Passes 25/50 flame and smoke spread
- Meets ASTM-E84

FEATURES

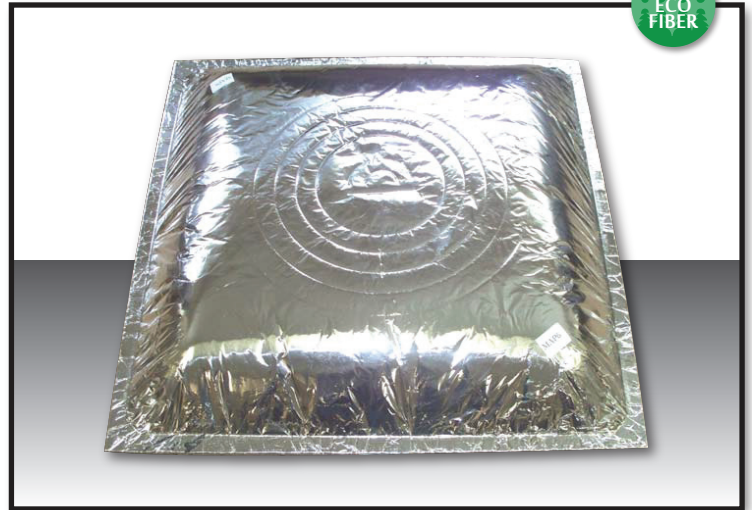
- Custom fit to your openings
- Reduce noise from fan
- Increase thermal efficiency
- Protects from condensation
- Mold resistant
- Provides acoustic value
- Standard sizes in stock for quick delivery
- Reduces vent noise in room

AVAILABILITY

- Our diffusers are made with 6", 8", 10", 12" and 16" impressions that allow for easy cutting and fitting of feed ducts.
- Also available in custom sizes. Call our customer service department today for an immediate quote.
- Form free options available

OTHER

- Tested in compliance with surface burning characteristics (ASTM E-84) and erosion test (UL 181).



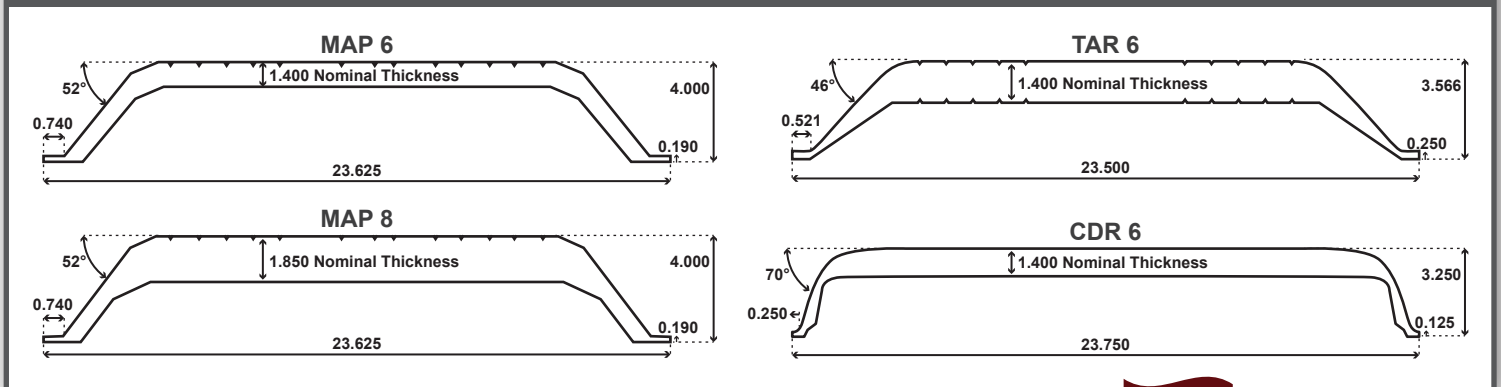
PHYSICAL PROPERTIES OF FIBERGLASS

Moisture Absorption	0.2% by volume, 96 hours at 120°F (49°C) and 96% RH
Shrinkage/Expansion	None; dimensionally stable.
Temperature Limits	-150°F to 400°F (-101°C to 204°C)
Alkalinity	pH 9
Thermal Conductivity	Stable k factor (non-deteriorating) 0.23 Btu*in/hr*ft²*F at 75°F (24°C) mean

PHYSICAL PROPERTIES OF 24" X 24" DIFFUSER

R-Value	R4, R6, R8
Outer Dimension	23¾" x 23¾"
Color	Black
Foil Thickness	0.001" - Alt. 0.0015"
Other	Incombustible, immune to rot, corrosion, insects and oxidation. Resists aging and thermal shock.

CEILING DIFFUSER MATRIX - Also available in R4s



Made in the USA

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Contact us for pricing today!