

Introduction: SH Series

The SH/5SH series square or rectangular diffusers are available in various sizes and discharge air patterns to meet engineering requirements for capacity and directional throw in addition to a variety of frame styles to meet architectural requirements of today's ceilings. They feature a 1/4" horizontal lip on all sides of the louvered core, resulting in a tight horizontal discharge pattern at the ceiling and a higher discharge velocity at the face. This creates a high induction region just below the face of the diffuser, which improves room air mixing. Because this series has higher discharge face velocities, they are an excellent choice for variable air volume systems with above normal temperature differentials. At typical flow rates, isothermal throws of 18 to 30 feet make the SH/5SH series ideal for mounting centrally in many spaces with high load requirements while providing high mixing rates in the space.

MODELS

- SH - Steel Louvered Diffuser
- 5SH - Aluminum Louvered Diffuser
- SHFR - Fire Rated, Steel Louvered Diffuser
- MSH - Metric, Steel Louvered Diffuser

FEATURES

- Core is removable from face of diffuser.
- Square or rectangular duct connections.
- Maintains a horizontal discharge air pattern from maximum to minimum CFM.
- Lever operator on optional OBDFA damper allows easy volume adjustment from face of diffuser.
- Various discharge air patterns available.
- Excellent choice for VAV applications with high loads.

PANEL SIZES

- 12"x12", 24"x24", and 24"x48"
- 48"x48" for Frame 2T Only
- 600x600mm

ACCESSORIES

- Optional straightening grids.
- Optional face operated OBDFA.
- Optional Ultrathrow (throw reducing device).
- Optional MRI construction (5SH).

FINISHES

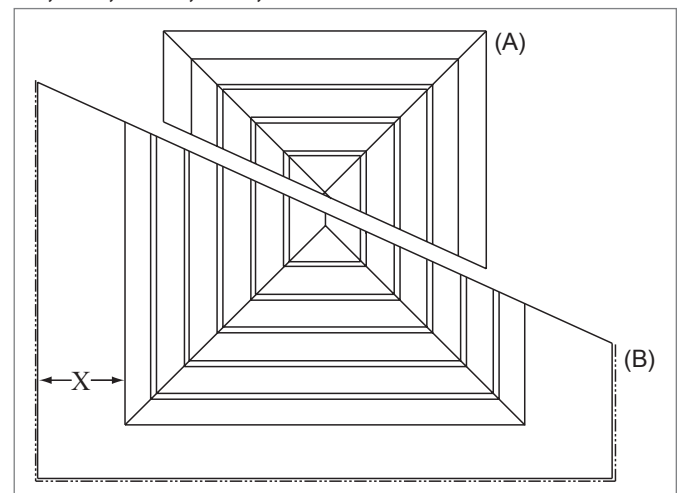
- Standard finish is #44 British White.
- Optional finishes available.



SH

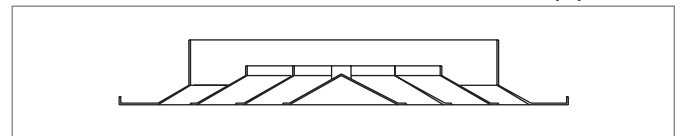
SH, 5SH, SHFR, MSH Dimensional Information

SH, 5SH, SHFR, MSH, FACE VIEW



NOTE: Dimension 'X' will vary with neck sizes for Frames 23, 24, 27, and 98.

SH, 5SH, CROSS SECTION, SURFACE MOUNT (A)



SH, 5SH, SHFR, MSH, CROSS SECTION, LAY-IN T-BAR (B)

