

### DESCRIPTION

The SDS swirl diffuser is designed for high induction requirements supplying cool or warm air to a wide range of applications.

The radial discharge pattern and angle of each blade, ensures a high level of induction in the room.

Temperature and velocity differences between supply air and room air are quickly reduced, making the diffuser ideal for VAV and LTVAV applications.

Effective distribution is still maintained with a turndown ratio of 20%.

### CONSTRUCTION

The diffuser is made of sheet steel, with a radial array of blades pressed into a square or round panel.

Size of the diffuser is determined by the neck radial diameter, and can be pressed into various face sizes.

The SDS is available in four neck diameters 257, 356, 457, 540.

The SDS is available with matching header box with or without balancing damper.

Finished in standard white satin (other finishes available upon request).

NOTE: SDS swirl diffusers can also be provided with Seismic restraint system in a T-bar ceiling.

