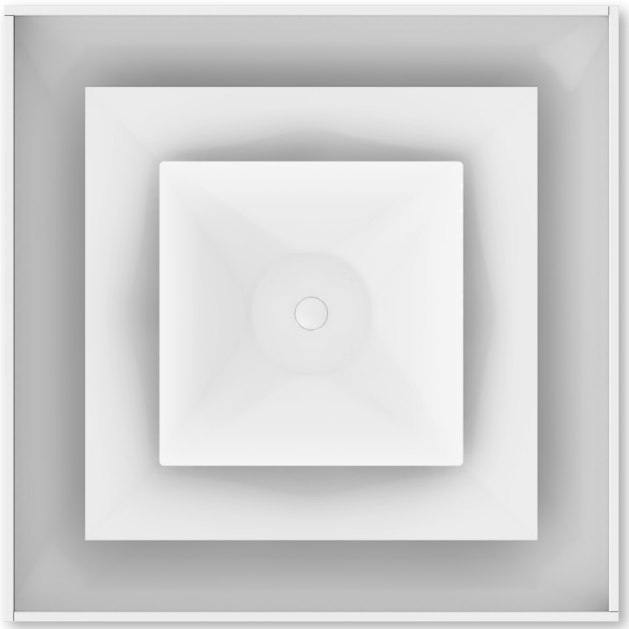
14SCA/514SCA SERIES

Diffuser | Louvered Face, Adjustable

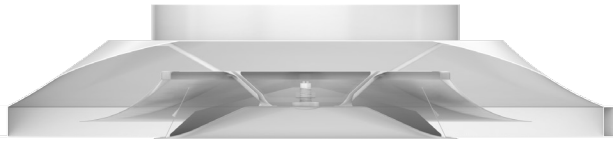
INTRODUCTION

The 14SCA series are square face, 3-cone, round neck ceiling diffusers with adjustable airflow pattern controllers between the cones that change the discharge pattern from horizontal to vertical. They are available in a variety of frame styles to help meet the architectural requirements of today's ceilings. The spacing of the inner cones in relation to the backpan result in a design possessing anti-smudge characteristics, preventing the buildup of particles on the ceiling, which is achieved by minimizing the low pressure region inherent to most 4-way directional blow diffusers. The 14SCA is typically used for high ceilings and spot heating or cooling applications in which airflow needs to be directed vertically in order to satisfy a specific load. It can also be applied as a seasonal air outlet device; adjusting for horizontal throw for cooling in warmer months and vertical throw for heating in colder months.



MODELS

14SCA - Steel, 3-Cone, Louvered Diffuser
14SCAFR - Steel, 3-Cone, Fire Rated, Adjustable Louvered Diffuser
514SCA - Aluminum, 3-Cone, Louvered Diffuser

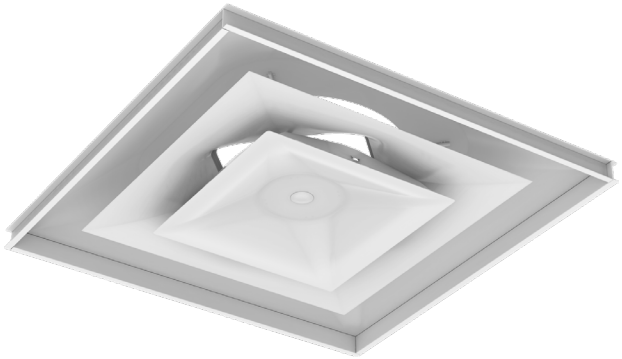


PANEL SIZES

- 12"x12", 20"x20", and 24"x24"
- 300x300mm and 600x600mm

FEATURES

- Three cones for optimum airflow control
- Adjustable airflow pattern controllers for vertical throw
- Great choice for variable air volume spaces
- Cones feature a one-piece stamped construction without mitered joints
- Round neck for easy connection to round duct
- Anti-smudge design prevents smeared ceilings



ACCESSORIES

- Optional round damper: radial, opposed blade, or butterfly
- Optional R6 insulated backpan
- Optional straightening grid
- Optional surface mounting frame
- Optional 30"x30" lay-in adapter frame
- Optional earthquake tabs



FINISHES

- Standard finish is #WHT White
- Optional finishes available

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