

PSS / PSS-DF / PSS-AA

- Titus Series PSS perforated star diffusers generate a high induction air pattern that maximizes throw
- PSS diffusers deliver a horizontal blanket of air that adheres to the ceiling even at varying volumes. An excellent choice for VAV systems.
- Deflector is mounted directly under the neck of the diffuser to generate the long-throw star pattern
- Pressure drop and noise levels are lower than typical curved blade perforated diffusers
- Vertical air pattern can be obtained by turning all deflector blades inward
- Three-way pattern or corner blow can be field adjusted with no increase in pressure drop or sound level
- Available with either side blow or corner blow. Side blow maximizes throw. Corner blow maximizes wall surface coverage in a perimeter installation.



PSS / PSS-DF / PSS-AA

MODELS:

Steel Models:
PSS / Flush Face
PSS-DF / Drop Face

Aluminum Model:
PSS-AA / Flush Face

FINISH:

Standard Finish - #26 White

OVERVIEW

Star Pattern / Adjustable

Titus Series PSS perforated star diffusers generate a high induction air pattern that maximizes throw. The deflector is mounted directly under the neck of the diffuser to generate the long-throw star pattern. As a result, pressure drop and noise levels are lower than typical curved blade perforated diffusers.

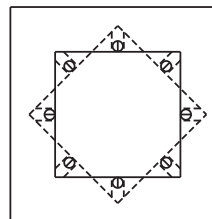
ADDITIONAL FEATURES

- Can be changed to either side blow or corner blow in the field
- Round neck with deep collar for easy connection to flexible duct
- Perforated face is hinged to allow access to the star deflector. The optional damper is adjustable after removal of the star deflector.
- Perforated face has $\frac{3}{16}$ " holes on $\frac{1}{4}$ " staggered centers
- Material is heavy gauge steel backpan with steel or aluminum perforated face, according to the model selected
- Optional factory-installed R-6 foil-backed insulation available for 24 x 24" full face models, neck sizes 6-16, borders 1, 2, 3 and 4

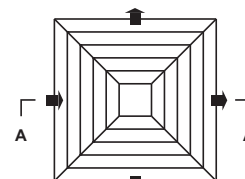


See website for Specifications

FIELD ADJUSTMENTS



Pattern can be changed from side blow to corner blow and vice versa by removing four screws, rotating deflector 45 degrees, and replacing screws.



Section A-A
Back Blades Front Blades
Back blades can be redirected to produce directional adjustment pattern as shown above.