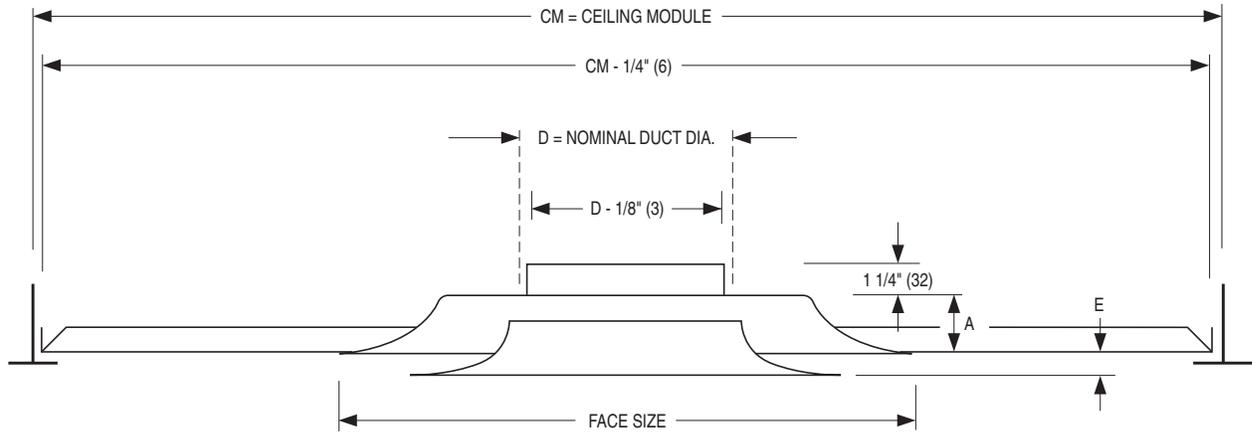




**SQUARE CEILING DIFFUSERS**  
 PANEL MOUNTED • STEEL  
 ROUND NECK • 2 CONE  
 MODEL: RNS2 TYPE PL

TYPE PL Panel Mounted Lay-in T-Bar



**Dimensional Data**

Ceiling Module CM		Imperial Units (inches)				Metric Units (mm)			
Imperial Modules	Metric Modules	Face Size	Duct Size D	A	E	Face Size	Duct Size D	A	E
24 x 24	600 x 600	12 x 12	6, 8	1	1 5/16	300 x 300	152, 203	25	33
24 x 12	600 x 300								
20 x 20	500 x 500								

**DESCRIPTION:**

1. Material: Corrosion-resistant steel.
2. The RNS2 Diffuser has been specially designed to provide the mechanical engineer with the most cost-effective engineered diffuser currently available in the industry. It combines the high performance expected from a louvered face type ceiling diffuser with a cost as low as any lesser performing commercial diffuser currently available.
3. The diffuser has a 360 degree diffusion pattern at minimum NC levels required for high engineering performance. The diffuser provides stable diffusion and mixing patterns under constant and changing load conditions. It can accommodate a turn down of 80% without losing the ceiling coanda effect and dumping. Excellent for VAV systems.
4. The diffuser consists of stamped one-piece cones which eliminates mitered corners and the die-formed curves provide consistent quality and performance.
5. Inner cone assembly is not removable which may complicate surface mount installation in hard ceilings.
6. Diffuser has a removable plug for screwdriver adjustment of the optional damper.
7. Standard finish is AW Appliance White.

**OPTIONS:**

- EX External Foil-Back Insulation, installed - R-4.2 (24 x 24 max.)
  - EXB External Foil-Back Insulation, ships loose - R-4.2 (24 x 24 max.)
  - EQT Earthquake Tabs
- Finish:
- SP Special. Specify \_\_\_\_\_ .

**SCHEDULE TYPE:**

**PROJECT:**

**ENGINEER:**

**CONTRACTOR:**

Dimensions are in inches (mm).

DATE	B SERIES	SUPERSEDES	DRAWING NO.
3 - 22 - 16	RNS2	10 - 31 - 07	4600-2