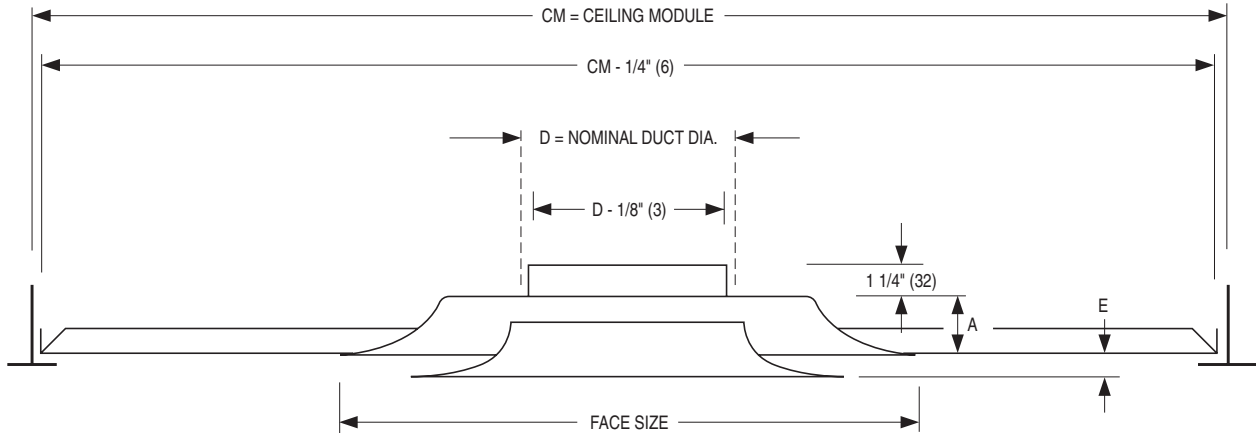




**SQUARE CEILING DIFFUSERS**  
**PANEL MOUNTED • STEEL**  
**ROUND NECK • 2 CONE**  
**MODEL: RNS2 TYPE PL**

**TYPE PL Panel Mounted Lay-in T-Bar**



**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 baked enamel.

**Dimensional Data**

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	6,	1	1 5/16	300	152,	25	33
24 x 12	600 x 300	x	8			x			
20 x 20	500 x 500	12				300			
48 x 24	1200	24	6, 8, 10,	2 5/16	15/16	600	152, 203, 254,	59	24
	x	x	12, 14, 15			x			
	600	x				600			

**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 \_\_\_\_\_.

<b>SCHEDULE TYPE:</b>		Dimensions are in inches (mm).			
<b>PROJECT:</b>					
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>	
<b>CONTRACTOR:</b>	10 - 31 - 07	RNS2	5 - 7 - 02	4600-2	