



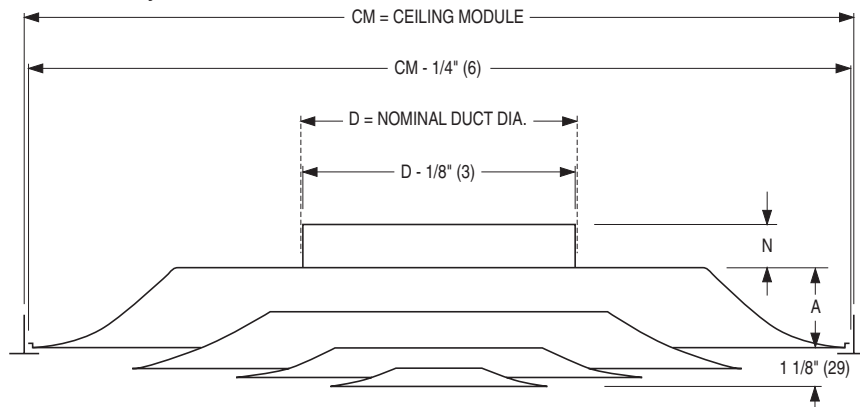
SQUARE CEILING DIFFUSERS

FIXED PATTERN • LOUVERED FACE

ALUMINUM • ROUND NECK • 4 CONE

MODEL: ARNS

☐ TYPE L Lay-in T-Bar



Dimensional Data

Ceiling Module CM		Imperial Units (inches)					Metric Units (mm)				
Imperial Modules	Metric Modules	Duct Size D	N	A	B	F	Duct Size D	N	A	B	F
12 x 12	300 x 300	4*	3 1/4	1	11	13	102*	83	25	279	330
		5, 6, 7, 8	1 1/4				127, 152, 178, 203				
24 x 24	600 x 600	6, 8, 10, 12, 14, 15	1 1/4	2 5/16	22	N/A	152, 203, 254, 305, 356, 381	32	59	559	N/A

★ Supplied with a reducer.

DESCRIPTION:

1. Material: Aluminum construction with corrosion-resistant steel neck bracketry.
2. The diffuser delivers the air in a true 360° radial horizontal pattern. Designed to minimize smudging and streaking of ceiling.
3. Excellent for VAV systems. The uniform near horizontal jets from the louvered cones maintain effective air motion over a considerable range of air volumes.
4. The models consist of four die-formed concentric cones in all sizes which eliminate mitered corners and provide uniform appearance in all neck sizes.
5. A spring clip arrangement permits quick, easy installation and removal of the inner cone assembly.
6. Diffuser has a removable plug for screwdriver adjustment of the optional damper without removing the inner core.
7. Standard finish is AW Appliance White.

OPTIONS:

- ☐ EX External Foil-Back Insulation, installed
- ☐ EXB External Foil-Back Insulation, ships loose
- ☐ MIB Molded Insulation Blanket - R-6.0 (24 x 24 only)
- ☐ EQT Earthquake Tabs

Finish:

- ☐ SP Special. Specify _____.

QB Quadrant Blanks:

- ☐ QB3 3-Way Blow
- ☐ QC2 2-Way Corner Blow
- ☐ QB2 2-Way Opposite Blow
- ☐ QB1 1-Way Blow

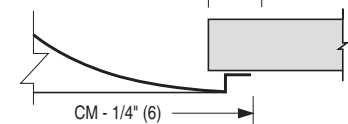
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☐ TYPE L Surface Mount

Hard duct connection recommended.

CM = CEILING MODULE

CEILING OPENING = B



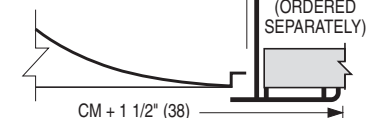
☐ TYPE L Surface Mount With DFA

Drywall/Plaster frame. Recommended for flexible duct connection and ceiling access

CEILING OPENING = CM + 1/4" (6)

CM = CEILING MODULE

CM - 1/4" (6)

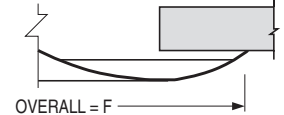


☐ TYPE S Surface Mount

(12 x 12 [305 x 305] module only)

CM = CEILING MODULE

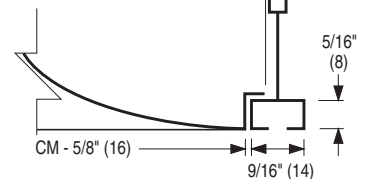
CEILING OPENING = CM - 1" (25)



☐ TYPE F Fineline®

CM = CEILING MODULE

CM - 1/4" (6)



SCHEDULE TYPE:

PROJECT:

ENGINEER:

CONTRACTOR:

Dimensions are in inches (mm).

DATE

B SERIES

SUPERSEDES

DRAWING NO.

7 - 22 - 26

RNS

1 - 24 - 17

4200-3A