⬛ Nailor® Industries Inc.

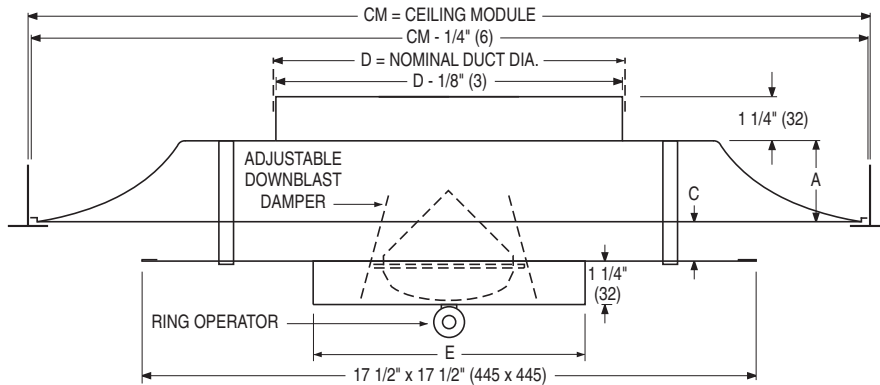## SQUARE CEILING DIFFUSER
ADJUSTABLE DOWNBLAST
HIGH PERFORMANCE • ROUND NECK • STEEL
MODEL: UNI-AD

❏ **TYPE L Lay-in T-Bar**

CM = CEILING MODULE
CM - 1/4" (6)
D = NOMINAL DUCT DIA.
D - 1/8" (3)
1 1/4" (32)
A
C
ADJUSTABLE DOWNBLAST DAMPER
1 1/4" (32)
RING OPERATOR
E
17 1/2" x 17 1/2" (445 x 445)

Dimensional Data

CM		Imperial Units (inches)						Metric Units (mm)					
Imperial Modules	Metric Modules	Duct Size D	E	A	B	C	F	Duct Size D	E	A	B	C	F
24 x 24	600 x 600	12, 14	8 10	2 5/16	22	1 3/16	24 3/4	305, 356	203, 254	59	559	30	629

DESCRIPTION:

1. Material: Corrosion-resistant steel.

2. Specially designed for high airflow applications at minimum NC levels such as theatres, auditoriums and other high ceiling applications, where conditions and floor to ceiling height are variable. Effective for heating and spot cooling. Radial vanes in the adjustable face damper permit air pattern adjustment from full horizontal to approx. 50/50 horizontal/vertical. Full adjustment requires only a half turn and is easily accomplished from the floor using the ring operator and a pole (by others). The horizontal portion has a 360° discharge pattern. The vertical portion provides a true and long downward projection.

3. The diffuser features a stamped one-piece outer-cone which eliminates mitered corners and a heavy gauge inner face panel with a hemmed edge for strength and a clean appearance.

4. Standard finish is AW Appliance White. (Select color from finish option).

OPTIONS:
❏ EX   External Foil-Back Insulation, installed - R-4.2
❏ EXB   External Foil-Back Insulation, ships loose - R-4.2
❏ MIB   Molded Insulation Blanket - R-6.0 (24 x 24 only)
❏ EQT   Earthquake Tabs

Finish:
❏ BK   Black
❏ AW   Appliance White
❏ SP   Special. Specify _____ .

QB Quadrant Blanks:
❏ QB3   3-Way Blow
❏ QC2   2-Way Corner Blow
❏ QB2   2-Way Opposite Blow
❏ QB1   1-Way Blow

Fineline® is a registered trademark of USG Interiors Inc.   Dimensions are in inches (mm).
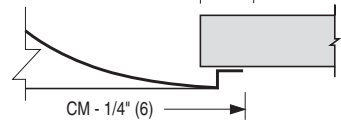

❏ **TYPE L Surface Mount**
Hard duct connection recommended.

CM = CEILING MODULE
CEILING OPENING = B
CM - 1/4" (6)

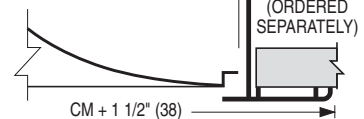---

❏ **TYPE L Surface Mount With DFA**
Drywall/Plaster frame. Recommended for flexible duct connection and ceiling access

CEILING OPENING = CM + 1/4" (6)
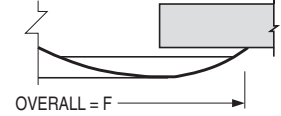CM = CEILING MODULE
CM - 1/4" (6)
DFA FRAME (ORDERED SEPARATELY)
CM + 1 1/2" (38)

❏ **TYPE S Surface Mount**

CM = CEILING MODULE
CEILING OPENING = CM - 1" (25)
OVERALL = F

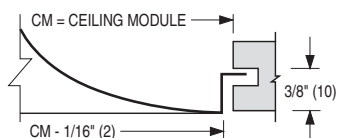❏ **TYPE F Fineline®**

CM = CEILING MODULE
CM - 1/4" (6)
5/16" (8)
CM - 5/8" (16)
9/16" (14)
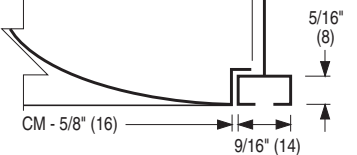
❏ **TYPE M Metal Pan (Snap-in)**

CM = CEILING MODULE
13/16" (21)
CM - 1/16" (2)
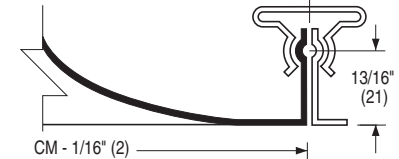
❏ **TYPE SP Spline**
For one directional exposed T-Bar or fully concealed grid. 1 spline on two opposite sides. Steel lift brackets on other.

CM = CEILING MODULE
3/8" (10)
CM - 1/16" (2)

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	1 - 24 - 17	UNI	3 - 11 - 16	UNI-AD