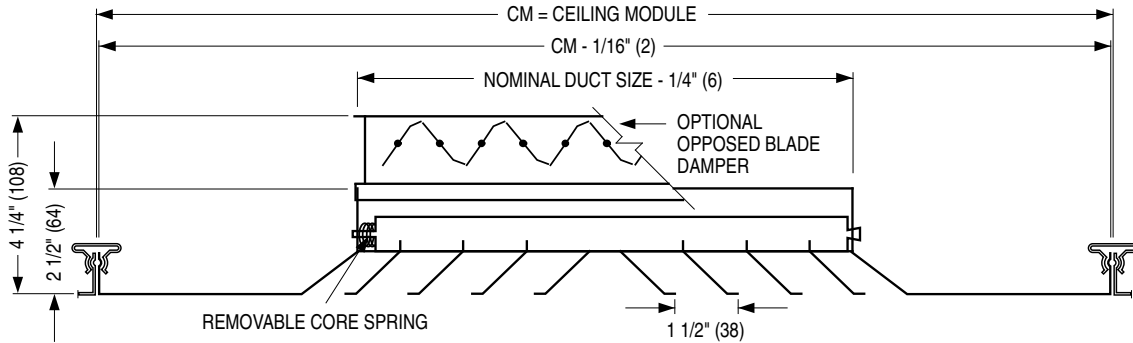# PATTERN CEILING DIFFUSERS
STEEL • SQUARE, RECTANGULAR OR ROUND NECK
MODELS: 6500 AND 6500-O TYPE M
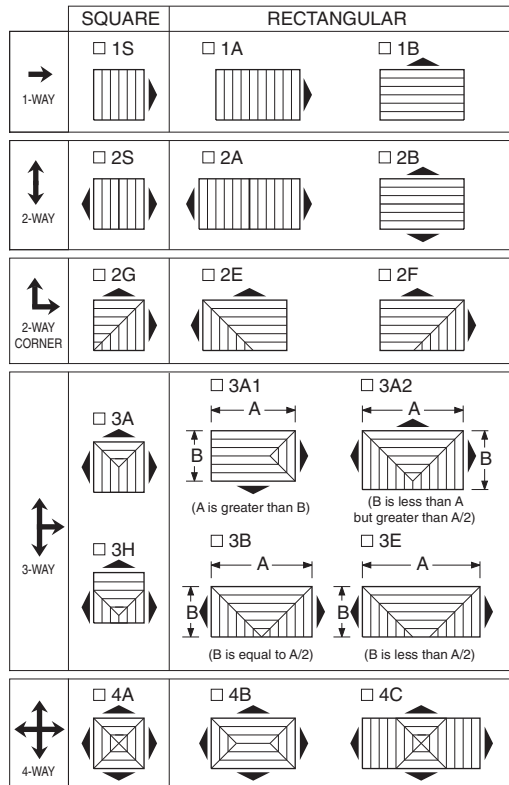
☐ **TYPE M METAL PAN (SNAP-IN)**

CM = CEILING MODULE
CM - 1/16" (2)
NOMINAL DUCT SIZE - 1/4" (6)
OPTIONAL OPPOSED BLADE DAMPER
4 1/4" (108)
2 1/2" (64)
REMOVABLE CORE SPRING
1 1/2" (38)

If the ceiling module is not 3" (76) larger than the neck size of the diffuser in both dimensions, a module sized extended panel will be added.
Minimum duct size: 6 x 6 (152 x 152).
Maximum duct size: see table.
Available in 3" (76) increments only.

IMPERIAL MODULES				METRIC MODULES	
Imperial Units (in.)		Metric Units (mm)		Metric Units (mm)	
CM	Maximum Duct Size	CM	Maximum Duct Size	CM	Maximum Duct Size
12 x 12	9 x 9	305 x 305	229 x 229	300 x 300	152 x 152
24 x 12	21 x 9	610 x 305	533 x 229	600 x 300	457 x 152
24 x 24	21 x 21	610 x 610	533 x 533	600 x 600	457 x 457

CORE STYLE SELECTION

Patterns are shown in plan view (looking down into inlet).

DESCRIPTION:
1. Material: Corrosion-resistant steel.
2. Model 6500 is a high capacity ceiling diffuser available in 1, 2, 3 or 4-way blow patterns to provide a tight horizontal airflow pattern from maximum to minimum airflow. Ideal for VAV applications.
3. Spring-loaded removable core.
4. Standard finish is AW Appliance White.

OPTIONS:
SQUARE AND RECTANGULAR NECK
☐ Steel opposed blade damper. Model 6500-O.
ROUND NECK
☐ SR   Square to round transition collar
☐ SR-O   Square to round transition collar for use over O.B.D.
☐ 4275   Radial Opposed Blade Damper (round)
☐ 4250   Radial Sliding Blade Damper (round)
☐ 4675   Butterfly Damper (round)
EXTERNAL INSULATION
☐ EX   External Foil-Back Insulation, installed - R - 4.2.
OPTIONAL FINISH:
☐ SP   Special. Specify _____ .

SCHEDULE TYPE:				
PROJECT:				
ENGINEER:	DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:	2 - 8 - 18	6500	11 - 24 - 16	6500-7

Dimensions are in inches (mm).