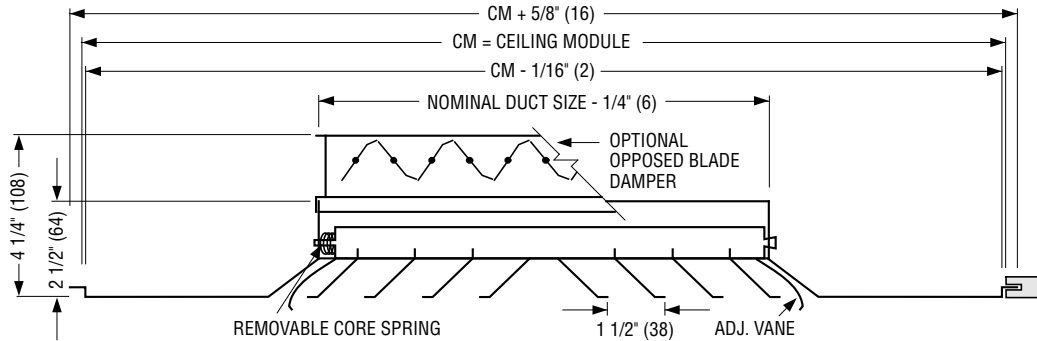**Nailor®**
Industries Inc.

PATTERN CEILING DIFFUSERS
ADJUSTABLE VANES · STEEL
· SQUARE OR ROUND NECK
MODELS: 6550 AND 6550-O TYPE SP

❑ **TYPE SP SPLINE**

The diffuser is supplied in a module sized extended panel.
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	6 x 6	305 x 305	152 x 152	300 x 300	152 x 152
24 x 12	18 x 6	610 x 305	457 x 152	600 x 300	457 x 152
24 x 24	18 x 18	610 x 610	457 x 457	600 x 600	457 x 457

Spline Type Diffuser for one-directional exposed T-bar lay-in grid or for concealed T-bar grid (splines on two opposite sides - steel lift brackets on other two sides).

DESCRIPTION:

1. Material: Corrosion-resistant steel.

2. Model 6550 is a high capacity ceiling diffuser available with a square 4-way blow pattern as standard (optional core styles are available). The unit is supplied with independent movable vanes on all four sides to provide a horizontal to vertical throw adjustable discharge. In the horizontal setting, the diffuser provides 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
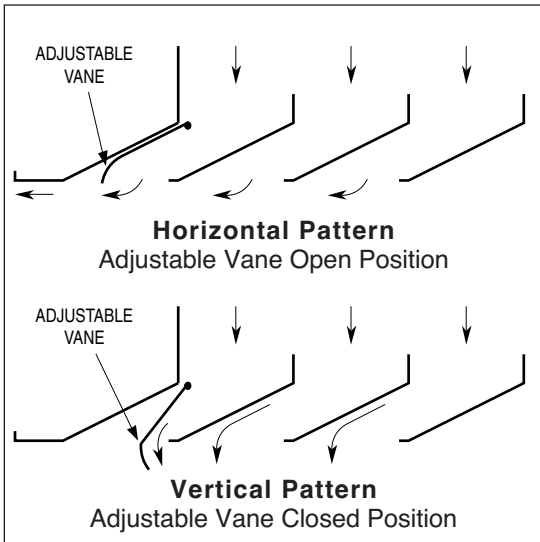
❑ Steel opposed blade damper. Model 6550-O.

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 _____ .

Horizontal Pattern
Adjustable Vane Open Position

Vertical Pattern
Adjustable Vane Closed Position

SCHEDULE TYPE:		Dimensions are in inches (mm).			
PROJECT:					
ENGINEER:		DATE	B SERIES	SUPERSEDES	DRAWING NO.
CONTRACTOR:		11 - 24 - 16	6550	5 - 11 - 15	6550-4