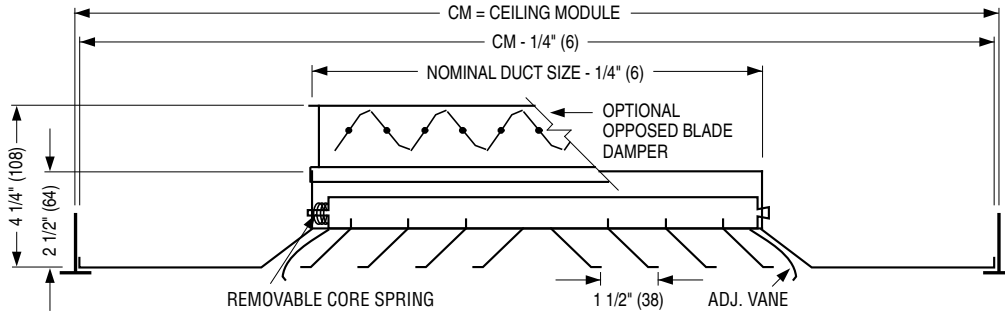




**PATTERN CEILING DIFFUSERS**  
**ADJUSTABLE VANES • STEEL**  
**• SQUARE OR ROUND NECK**  
**MODELS: 6550 AND 6550-O TYPE L**

**TYPE L LAY-IN T-BAR**



If the ceiling module is not 3" (76) or 6" (152) 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	6 x 6	305 x 305	152 x 152	300 x 300	152 x 152
20 x 20	15 x 15	508 x 508	381 x 381	500 x 500	381 x 381
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
48 x 24	18 x 18	1219 x 610	457 x 457	1200 x 600	457 x 457

**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**

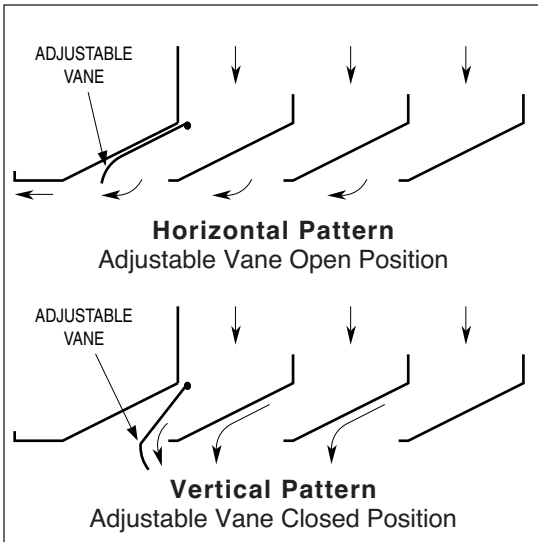
- SR Square to round transition collar
- SR-O Square to round transition collar for use over O.B.D.
- 4275 Radial Opposed Blade Damper (round)
- 4250 Radial Sliding Blade Damper (round)
- 4675 Butterfly Damper (round)

**EXTERNAL INSULATION**

- EX External Foil-Back Insulation, installed -R-4.2.
- MIB Molded Insulation Blanket, -R-6.0. ('MIB' is available for Frame Types L, TL and F with a 24 x 24 CM only, 15 x 15 max. neck size and a 'SR' square-to-round transition collar).

**OPTIONAL FINISH:**

- SP Special. Specify \_\_\_\_\_ .



Dimensions are in inches (mm).

<b>SCHEDULE TYPE:</b>				
<b>PROJECT:</b>				
<b>ENGINEER:</b>	<b>DATE</b>	<b>B SERIES</b>	<b>SUPERSEDES</b>	<b>DRAWING NO.</b>
<b>CONTRACTOR:</b>	2 - 8 - 18	6550	1 - 16 - 17	6550-3