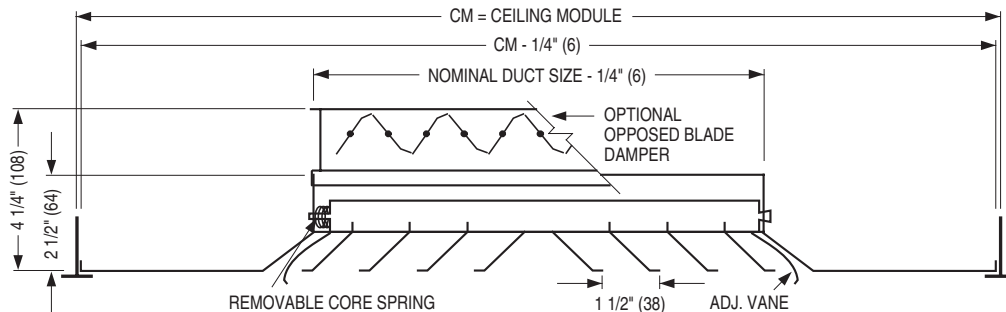




# **PATTERN CEILING DIFFUSERS** **ADJUSTABLE VANES • STEEL** **SQUARE OR ROUND NECK** **MODELS: 6550 AND 6550-O TYPE L**

## ☐ **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**

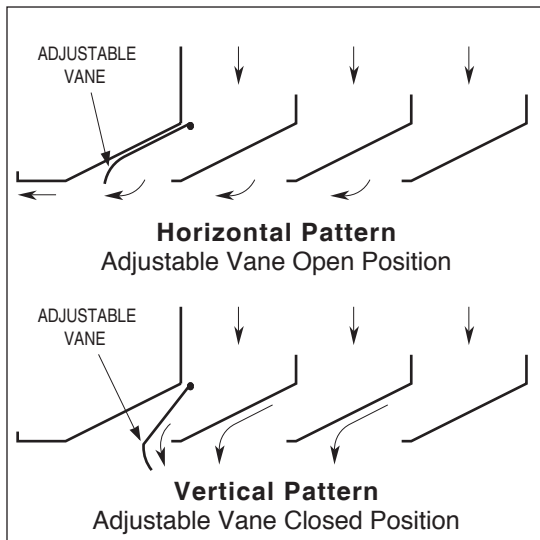
- ☐ SR Square to round transition collar  
☐ SR-O Square to round transition collar for use over O.B.D.  
☐ 4275 Radial Opposed Blade Damper (round)  
☐ 4250 Radial Sliding Blade Damper (round)  
☐ 4675 Butterfly Damper (round)

### **EXTERNAL INSULATION**

- ☐ EX External Foil-Back Insulation, installed  
☐ 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 \_\_\_\_\_.



|                       |                                |                 |                   |                    |
|-----------------------|--------------------------------|-----------------|-------------------|--------------------|
| <b>SCHEDULE TYPE:</b> | Dimensions are in inches (mm). |                 |                   |                    |
| <b>PROJECT:</b>       |                                |                 |                   |                    |
| <b>ENGINEER:</b>      | <b>DATE</b>                    | <b>B SERIES</b> | <b>SUPERSEDES</b> | <b>DRAWING NO.</b> |
| <b>CONTRACTOR:</b>    | 7 - 27 - 26                    | 6550            | 2 - 8 - 18        | 6550-3             |