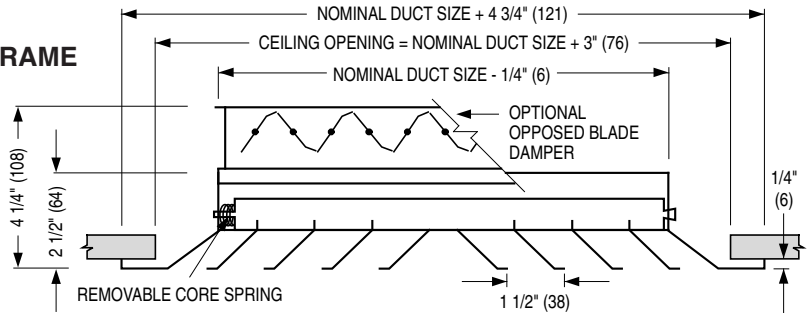




**PATTERN CEILING DIFFUSERS**  
**STEEL • SQUARE, RECTANGULAR OR**  
**ROUND NECK**  
**MODELS: 6500 AND 6500-O TYPES S & B**

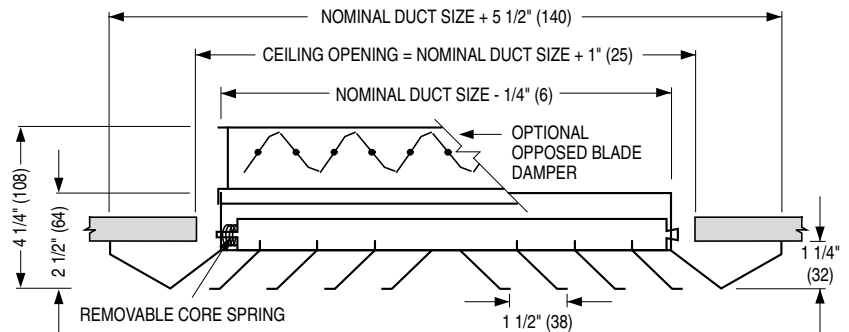
**TYPE S • SURFACE MOUNT • FLAT FRAME**

Minimum duct size: 6 x 6 (152 x 152)  
 Maximum duct size: 36 x 36 (914 x 914)  
 or 36 x 24 (914 x 610) with O.B.D.  
 Available in 3" (76) increments only.



**TYPE B • BEVELED DROP FACE**  
**• SURFACE MOUNT**

Minimum duct size: 6 x 6 (152 x 152)  
 Maximum duct size: 36 x 36 (914 x 914)  
 or 36 x 24 (914 x 610) with O.B.D.  
 Available in 3" (76) increments only.



**CORE STYLE SELECTION**

|                    | SQUARE                      | RECTANGULAR   |   |
|--------------------|-----------------------------|---|---|
| →<br>1-WAY         | <input type="checkbox"/> 1S | <input type="checkbox"/> 1A                           | <input type="checkbox"/> 1B   |
| ↕<br>2-WAY         | <input type="checkbox"/> 2S | <input type="checkbox"/> 2A                           | <input type="checkbox"/> 2B   |
| ↙↘<br>2-WAY CORNER | <input type="checkbox"/> 2G | <input type="checkbox"/> 2E                           | <input type="checkbox"/> 2F   |
| ↕<br>3-WAY         | <input type="checkbox"/> 3A | <input type="checkbox"/> 3A1<br>(A is greater than B) | <input type="checkbox"/> 3A2<br>(B is less than A but greater than A/2) |
|                    | <input type="checkbox"/> 3H | <input type="checkbox"/> 3B<br>(B is equal to A/2)    | <input type="checkbox"/> 3E<br>(B is less than A/2)                     |
| ↕↔<br>4-WAY        | <input type="checkbox"/> 4A | <input type="checkbox"/> 4B                           | <input type="checkbox"/> 4C   |

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 \_\_\_\_\_.

|                       |                                |                 |                   |                    |
|-----------------------|--------------------------------|-----------------|-------------------|--------------------|
| <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>    | 11 - 24 - 16                   | 6500            | 5 - 11 - 15       | 6500-1             |