Automatic Foundation Vents take the worry out of remembering to open and close vents as the weather changes, so the home can be protected from decay. The vent has a bi-metal coil to open and close automatically without electricity. When the temperature reaches approximately 70°F, the vent is fully opened to provide fresh intake air, and fully closes at approximately 40°F to conserve energy and protect pipes. These vents are easily installed using screws, or screw anchors, or with retaining clips. Both are included with the vents. No mortar is required for installation.

**Temp-Vent Automatic Foundation Vents Features:**
- A heavy-duty coil for dependable operation
- 8” x 16” to fit into a standard block opening
- Net free area of 50 square inches
- Removable back for easy cleaning and maintenance
- Optional 5” x 13” vent for smaller openings (fits between 16” OC floor joists)

The Series 6 vents are one piece, while the Series 5 vents have a removable front frame (in addition to the removable back) that can be snapped on after installation. Series 5 is also available with a 2-inch oversized frame.

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temp-Vent Series 6</td>
<td>TV6</td>
<td>black, brown, gray</td>
</tr>
<tr>
<td>Temp-Vent Series 5 - with removable front frame</td>
<td>TV5</td>
<td>black, brown, gray</td>
</tr>
<tr>
<td>Temp-Vent Series 5 - with oversized frame</td>
<td>TV5-OSF</td>
<td>black, brown, gray</td>
</tr>
<tr>
<td>Solar Tek II - 5” x 13” vent</td>
<td>ST2GR-J</td>
<td>gray only</td>
</tr>
</tbody>
</table>

**Manual Replacement Vent**
Manual Foundation Vents must be manually opened in warmer months to provide ventilation and closed in cold weather to guard against pipe freeze. The Manual Replacement Vent is the same vent as the Temp-Vent Automatic Foundation Vent with no automatic coil; therefore it requires manual operation.

<table>
<thead>
<tr>
<th>Description</th>
<th>Model</th>
<th>Colors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manual Replacement Vent</td>
<td>RM</td>
<td>black, brown</td>
</tr>
</tbody>
</table>
Foundation Ventilation is Essential to Protect a Home’s Structure.

Damp rot, mold, mildew and insect infiltration in the foundation cost homeowners millions of dollars every year in structural repairs. Many of these problems could have been avoided by controlling moisture in the foundation.

One of the Quickest, Easiest, and Most Effective Methods of Controlling Moisture is with a Powered Foundation Vent System.

Powered foundation vents are extremely effective in providing ventilation for moisture control. A small fan is encased in the housing of the vent and runs continuously at a low speed. The fan creates negative pressure in the foundation to pull air through the foundation. Powered vents are installed on one side of the foundation, with open, non-powered vents on the other side.

**Powered Foundation Vents Features:**
- 8” x 16” to fit into a standard block opening
- Completely screened, front and back
- No mortar required for installation
- Three-prong plug for easy hook-up
- Totally enclosed, thermally protected motor
- U.L. recognized and CSA certified

**Radon Reduction**
Temp-Vent’s positive pressure Radon Vent is a convenient and economical method to reduce radon in crawlspace homes. The fan forces outside air into the foundation to help remove radon before it penetrates into the home. It also reduces the amount of radon emission from the soil entering the crawlspace.

**To Calculate Powered Vent Requirements:**

1) Multiply the square feet of the crawlspace by the height in feet. This gives the number of cubic feet in the crawlspace.

2) Multiply the cubic feet in the crawlspace by the number of air changes per hour desired (4-6 is the recommendation). This gives the total number of cubic feet of air that has to be moved per hour to produce the desired number of air changes per hour.

3) Divide this number by either 7,200 or 11,160, depending upon which model is being used, to obtain the number of powered vents needed.