Designed with everything you need in one convenient kit.

Speedi-vent includes the revolutionary Speedi-Boot for ease of Register Vent Boot installation, Speedi-Collar for ease of Start Collar installation, Speedi-Duct for ease of branch duct installation and Speedi-Grille for ease of Register Grille installation with it’s Speedi-Clip feature for hands free trim screw installation.

Speedi-vent will help make your cold rooms warmer and your hot rooms cooler.
<table>
<thead>
<tr>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Ea</td>
<td>Speedi-Boot Register Boot</td>
</tr>
<tr>
<td>1 Ea</td>
<td>Speedi-Collar Start Collar with Damper</td>
</tr>
<tr>
<td>1 Ea</td>
<td>Speedi-Grille 2-Way Deflection Register w/ Adjustable Volume Damper</td>
</tr>
<tr>
<td>25 Ft</td>
<td>R-8 Insulated Insulated Flexible Speedi-Duct</td>
</tr>
<tr>
<td>5 Ea</td>
<td>43” Cable Tie Straps</td>
</tr>
<tr>
<td>50 Ft</td>
<td>2” Flexible Duct Foil Tape</td>
</tr>
<tr>
<td>50 Ft</td>
<td>2” Vinyl Fabric Duct Strap</td>
</tr>
<tr>
<td>1 Ea</td>
<td>Installation Instructions</td>
</tr>
<tr>
<td>1 Ea</td>
<td>Cut-Out Template</td>
</tr>
</tbody>
</table>
# Tools Recommended

<table>
<thead>
<tr>
<th>TOOL</th>
<th>APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jig, Mitre or Sabre Saw</td>
<td>Drywall Cutting</td>
</tr>
<tr>
<td>Tape Measure</td>
<td>Measuring</td>
</tr>
<tr>
<td>Ladder</td>
<td>Attic Access</td>
</tr>
<tr>
<td>Hammer</td>
<td>Speedi-Boot and Duct Strap Installation</td>
</tr>
<tr>
<td>Cordless Drill / Driver</td>
<td>Speedi-Boot, Speedi-Grille Installation</td>
</tr>
<tr>
<td>Portable Light</td>
<td>Attics, Crawl Spaces Illumination</td>
</tr>
<tr>
<td>Razor Knife</td>
<td>Duct Board Trunk Line Cutting</td>
</tr>
<tr>
<td>Sheet Metal Snips</td>
<td>Sheet Metal trunk Line Cutting</td>
</tr>
<tr>
<td>Sheet Metal Hole Cutter</td>
<td>Sheet Metal Trunk Line Cutting</td>
</tr>
</tbody>
</table>
Installation Instructions; Speedi-Boot

NEW & EXISTING CONSTRUCTION
Consult your local building code for the most recent building and energy code requirements that may affect your project.

Task 1: Locate Register
Locate the new register vent location on the floor, wall or ceiling.

Task 2: Mark Location
Using the trace template, trace the dimensions of the new Speedi-Boot onto the floor, wall or ceiling in between the joist, stud or truss. The template provides a 1” of clearance away from either the right or left side of the joist, stud or truss. The Speedi-Boot frame is 1” wider than the Mud-Ring opening of the Speedi-Boot face opening. Tip: A stud finder is very useful with marking the holes on the walls or ceilings from the finished side, (See Figure).

Task 3: Floor Application
A sawzall or circular saw is used to cut the floor decking at the marked cutout location of the floor decking. Insert the Speedi-Boot from underneath, extend the telescoping arms to interface with the floor joists nailing and or screwing them into position. You may also insert wood or sheet metal screws through the Speedi-Boot frame into the floor decking for additional support.
Task 4: Ceiling & Wall Application

A Rotozip spiral saw, key hole saw or utility knife is used to cut the drywall at the marked location for the Speedi-Boot installation. Tip: Have a vacuum or box to catch the dust and or debris during cutting. Also there may be attic Insulation above the hole cut for the Speedi-Boot installation, (See Figure).

Task 5: Speedi-Boot Installation

Access the attic location with your Speedi-Boot, insert the Speedi-Boot into the Hole so that the gasket on the Speedi-Boot frame is flush with the unfinished side of the drywall, extend the telescoping hanger arms to interface with the truss, rafters placing the foot of the hanger arm flush with the top of the unfinished side of the drywall then nail and or screw into position thus fastening the hanger arms into place, repeat for all hanger arm feet. (See Figure).
Task 6: Wall Installation
The wall installation tasks are similar to ceiling installations other than wall stack units may be necessary to conceal the Speedi-Boot unit inside the wall stud cavity.

Task 7: Ductwork Connection-Speedi-Boot
Extend the flex duct or sheet metal round pipe to the Speedi-Boot location for connection. For sheet metal connections use sheet metal self tapping or piercing screws and approved foil tape for each fitting connection & insulate according to local building codes. For flex duct connections roll or push back the outer liner and fiberglass insulation to expose the coiled wire inner core and slide the inner core over the Speedi-Boot collar, (See Figure this page) (See Speedi-Boot Instructions next Page)
Step 1 - Installation Instructions:

1. Position the hinge on the floor or wall and mark the pilot holes.
2. Use a drill to make pilot holes and fasten in place with screws.
3. Check the alignment and adjust if necessary.
4. Install the cover over the hinge.

Optional Positioning:

1. Measure and mark the location for the hinge.
2. Fasten the hinge into place with screws.
3. Install the cover over the hinge.

Figure 1

Figure 2

Figure 3

Figure 4

Figure 5

Figure 6

Note: These instructions are guidelines only. Always consult the manufacturer's instructions for proper installation.
Installation Instructions; Speedi-Boot

Task 8: Ductwork Connection-Speedi-Boot

Secure the inner core to the Speedi-Boot collar with approved flex foil tape smoothing out any wrinkles for an air tight seal. Slide the insulated outer jacket over the Speedi-Boot collar and secure with a zip-tie and trim off the excess zip-tie as necessary, (See Figure).

Task 9: Ductwork Connection-Speedi-Collar

Locate the closest connection point of the supply air trunkline to the Speedi-Boot location and mark on the trunkline using the marking template, cut the trunkline material (either sheet metal or ductboard) with the appropriate tools (See Tools Required on Pg ) and install the Speedi-Collar (See Speedi- Collar Instructions) into the supply air trunkline. (See Figure )
**Installation Instructions; Speedi-Collar**

**INSTALLS IN SECONDS**

**STEP 1:** Insert Zip-Clips in back of SPEEDI-COLLAR (Gasket side) with the “head” of the zips faced away from the center.

**STEP 2:** Once hole is cut in metal or duct board plenum, remove gasket release paper. Insert the collar into main trunk line by bending Zip-Clips inside your pre-cut hole and pressing gasket side of collar onto the plenum. ***On damper models, rotate the SPEEDI-COLLAR so the damper handle is positioned for desired access, prior to adhering adhesive gasket to plenum/trunk line.

**STEP 3:** Pull Zip-Clips tight, bracing hand on collar for leverage. To attach SPEEDI-COLLAR to a metal plenum, simply use sheet metal screws through the pre-formed holes in collar flange. You’re done in seconds!

Repeat the duct connection process as instructed in Task 6.

Note: For tight radius bends always use an adjustable sheet metal 90 degree elbow for proper air flow performance.
Task 10: Speedi-Grille Installation

Speedi-Boots integrated Dust & Debris Cover prevents the HVAC and duct system from construction dust & debris contamination, (See Figure).
Task 10: Speedi-Grille Installation

Remove the Dust & Debris Cover prior to system start up and or grille / register installation, (See Figure).
Task 11: Speedi-Grille Installation

To install the Speedi-Grille into the Speedi-Boot, depress the Speedi-Grilles patent pending retainer clips into the Speedi-Boot pressing the Speedi-Grille flush with the ceiling, wall or floor. The Speedi-Grille retainer clips provide hands free installation of the Speedi-Grille trim set screws. Note; trim set screws must be installed for secure Speedi-Grille installation, the retainer clips are for temporary retainage during trim set screw installation, (See Figure). Trim set screws are typically not used in floor grille applications.
Installation Instructions; Speedi-Grille

After you have inserted the Spee-Grille into the Speedi-Boot you now can use both hands to install the trim set screws that will permanently secure the Speedi-Grille into the Speedi-Boot that will compress the closed cell gasket creating an air tight seal for years of Improved Energy Efficiency and Indoor Air Quality.

The Speedi-Vent kit with the Speedi-Boot, Speedi-Collar, Speedi-Duct and Speedi-Grill will save you time, money and energy and eliminates many tasks and installation materials normally required with older inefficient installation practices while making your room more comfortable and pleasant.