WELCOMES YOU TO THE *SAPLING DAMPER*

The *Sapling Damper* installs into one of your existing stove pipes to give you better control over heat in your *Sapling*.

You will need the following tools to install the *Sapling Damper*:

1. One of the 24” lengths of smoke pipe supplied with your *Sapling*; you will be installing the damper on the bottom end of the bottom length of pipe – the length installed closest to the elbow on your *Sapling*;
2. The *Sapling Damper*;
3. A drill with a quarter-inch (0.25”) bit suitable for metal;
4. A marker;
5. A ruler; and
6. A T-square (optional).

Step 1: Align the Parts

Align the smoke pipe with the end installed closest to the elbow facing UP as in the photo below on the left. Place the damper in the center of the pipe as shown in the photo on the reverse, right.

Step 2: Measure and Mark

With the damper aligned in the center of the pipe, measure down from the top of the pipe at both sides of the pivot arm three inches (3”) and make a mark as shown in the two photos that follow. Be sure the ruler is straight in line with the smoke pipe (use a T-square if necessary).

Step 3: Drill

Drill through the smoke pipe wall at each of the two marks as shown below.

Step 4: Disassemble the Damper for Installation

Remove the pivot arm from the damper. The pivot arm is held to the cast iron damper by the spring on the end of the arm and a small bend in the pivot arm. By holding the pivot arm handle and pressing in on the pivot arm while holding the cast iron damper with your other hand, you can then rotate the arm and remove it from the damper.

Step 5: Assemble the Damper into the Pipe

Place the damper into the smoke pipe and pass the pivot arm through the two holes drilled in Step 3, above. Lock the pivot arm into the cast iron damper plate using the opposite rotation used to disassemble the unit. Confirm that the small bend in the pivot arm is locked into the iron damper. Test the operation of the damper by moving it 180-degrees in the smoke pipe and note alignment of the damper to the handle for ease of operation. The final installation, as seen from above, is shown in the picture on the reverse.


CAST IRON 6 INCH DAMPER
CAST IRON CHINA DAMPER