

Technical Data Sheet

Installation of the Sterling Direct-Vent Minimum Vent Kit For Sterling Direct-Vent Model #8530 *Assembly 95-60001*

Date: 11/5/2012

Page: 1 of 3

KIT CONTENTS:

5" X 6-1/2" Gasket Ring (3160-101) 1ea.
8" X 9-1/2" Gasket Ring (3160-102) 1ea.
5" X 8" Rear Exit Stove Adaptor (5701-1223H) 1ea.
5" X 8" X 24" Pipe (5701-1204B) 1ea.
Wall Thimble Kit (5701-1247) 1ea.
Horizontal Termination Cap (5701-1284) 1ea.
Thimble Cover (5701-1240) 1ea.

TOOLS REQUIRED:

Flat Screwdriver or 5/16" Nut Driver
Phillips Screwdriver
Two Finish Nails or 1/16" Drill Bits
Non-hardening Mastic
Tools Needed to Cut & Frame Wall

FOLLOW THESE INSTRUCTIONS CAREFULLY. THE HARDWARE THAT CONNECTS THE INNER COLLAR TO THE STOVE ALSO CONNECTS TO OTHER INTERNAL PARTS THAT CAN SLIP OUT OF PLACE IF THESE INSTRUCTIONS ARE NOT FOLLOWED. IF THE INNER PARTS SLIP OUT OF PLACE THE STOVE WILL BE RENDERED INOPERABLE.

BEFORE YOU BEGIN: Consult your Owner's Manual for stove and termination clearances.

PROCEDURE:

1. Remove the factory installed 8" outer collar by removing the 8 retaining screws with a flat screwdriver or 5/16" nut driver. Remove and discard the 8" ring, collar, and gasket.
2. Using the flat screwdriver or 5/16" nut driver, remove and set aside **only** the two top screws that affix the 5" inner collar to the stove.

CRITICAL STEP! Replace the two screws just removed with finishing nails (or drill bits). This will hold the internal spacer ring and gasket in place while you continue this procedure. Failure to hold these internal parts in place during the inner collar removal and replacement will result in these internal parts slipping out of position, making it impossible to attach the replacement inner collar. **TAKE CARE TO ENSURE THAT THE INTERNAL PARTS DO NOT SLIP OUT OF POSITION DURING THE FOLLOWING STEPS.** Remove and set aside the remaining six screws. **TAKE CARE THAT THE INTERNAL PARTS DO NOT SLIP OUT OF POSITION!**

Leaving the finishing nails (or drill bits) in place, carefully remove the 5" collar, gasket, and 5" ring that holds the 5" collar in place. Make sure the finishing nails (or drill bits) are holding the internal parts in place and properly aligned! Discard the parts you just removed.

3. You are now ready to install the new stovepipe adaptor pieces. Leaving the finishing nails (or drill bits) in place, place the smaller gasket ring and collar over the ends of the finishing nails (or drill bits). Secure these pieces using six of the screws previously set aside. Remove the 2 finishing nails (or drill bits) and replace them with two more of the previously removed screws.
4. Place the larger gasket ring and collar on the stove and secure them with the eight remaining screws.
5. Determine where the stove and vent will be located. The centerline of the stove is 19-3/4". Allow 1/4" rise per foot of pipe (1/2" rise per foot for natural gas units) when marking the area for the wall pass through. After measuring the wall, cut and frame a 10-1/2" by 10-1/2" hole in the wall for the pass through.
6. Install the interior thimble by fitting it into the 10-1/2" square hole on the inside of the building. Secure it with four screws (though not provided, common sheet rock screws work well in most installations). Install the exterior shield in similar fashion, overlapping it with the interior thimble.

NOTE: If the exterior of the wall has vinyl siding the Dura-Vent Vinyl Siding Standoff (Dura-Vent part number 950) should be installed between the vent cap and the exterior wall. For installation instructions, follow the Venting Instructions for Direct Vent Gas Heaters supplied by Dura-Vent.

7. Push the 24" pipe section fully into the stove pipe adaptor and turn the pipe approximately 1/4 turn clockwise until the two pieces are fully locked together.
8. Place the thimble cover onto the pipe section, which is now installed on the stove. Place the stove and pipe into their final position, carefully sliding the pipe into the wall pass through. Slide the thimble cover flush to the wall and secure with the screws provided with the thimble cover.

9. Slide the termination cap assembly onto the exterior of the stovepipe. Before attaching the termination cap to the exterior wall, run a bead of non-hardening mastic around its outer edge, so as to make a seal between it and the wall. The arrow on the vent cap should point up. The vent pipe should extend into the vent termination a minimum of 1-1/4". Secure the termination assembly to the wall with the proper screws.

Make sure all stove and termination clearances have been observed as specified in the Owner's Manual.