

Technical Data Sheet

Installation of the Tucson Minimum Vent Kit For Tucson Direct-Vent Model #8700 *Assembly 97-65000*

Date: 5/26/2004

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BEFORE YOU BEGIN: Check venting charts in Owner=s Manual to determine if a restrictor plate is require. If so, follow the instructions provided with the restrictor plate. If not, proceed to step 1.

KIT CONTENTS:

- (16)#4500-3435***8-32 X 3/8" Type F PH Screws
- (1)#3160-155***4" X 6" Gasket Ring
- (1)#3160-157***6-1/2" X 9-5/16" Gasket Ring
- (1)#5701-0924HB*4" X 6-5/8" Stove Adaptor
- (1)#5701-945B***45E Elbow
- (2)#5701-907B***9" Pipe Length
- (1)#5701-942***Wall Thimble Kit
- (1)#5701-940***Thimble Cover
- (1)#5701-984***Horizontal Termination Cap
- (1)#5701-990B***90E Elbow

TOOLS REQUIRED:

- Phillips Screwdriver
- Non-Hardening Mastic
- 8 Sheet Rock Screws
- Safety Glasses
- Metal Shears
- Work Gloves
- Tools Needed to Cut and Frame Wall

PROCEDURE:

- 1) Install the 4" inner collar by first placing the 4" X 6" gasket ring onto the base of the collar. Install the collar and gasket to the stove using 8 of the screws provided.
- 2) Install the outer collar in similar fashion using the larger gasket ring and the remaining 8 screws.
- 3) Install the 45E degree elbow over the outer collar. Place the elbow so that the twist lock end is pointing up.

- 4) Install one of the 9" pipe sections into the elbow by fully inserting it and turning it approximately 1/4 turn clockwise, until the 2 sections are fully locked. Install the 90E degree elbow in similar fashion.
- 5) Move the stove and pipe assembly back until the 90E elbow is flush to the wall. The 9" vertical pipe should be parallel to the wall. Draw a circle around the pipe. Use the center of this circle as the center point of the 10" X 10" square wall pass through. Cut and frame the wall pass through.
- 6) Place the interior wall thimble into the 10" X 10" wall pass through. Secure it with 4 screws (not provided). Install the exterior portion of the thimble in similar fashion, overlapping the 2 sections.

NOTE: For building with vinyl siding, a vinyl siding standoff (Dura-Vent part 950) should be installed between the vent cap and the exterior wall. Refer to Dura-Vent's Venting Instructions for Direct Vent Heaters for installation instructions.

- 7) Install the horizontal vent termination on the outside of wall. Make sure both of the retaining straps extend through interior wall thimble. Before attaching the vent termination to the outside of house, run a bead of non-hardening mastic around it's outside edges, so as to make a seal between it and the wall. The arrow on the end cap should point up. Secure the cap to the wall with the appropriate screws.
- 8) Place the thimble cover onto the 90E elbow. Put the 9" pipe into the horizontal vent cap, (the vent pipe must extend into the horizontal vent cap a minimum of 1-1/4"). Move the stove and vent pipe into position, insert the 9" pipe into the 90E elbow and twist lock it. Secure the straps from the horizontal vent termination to the interior pipe with 2 sheet metal screws, keeping screws as close to wall thimble as possible. Bend or cut the excess strapping so that the thimble cover will fit properly. Screw the thimble cover to the wall.

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