



EL PUEBLO FIREPLACE

SIZES: 24 AND 30

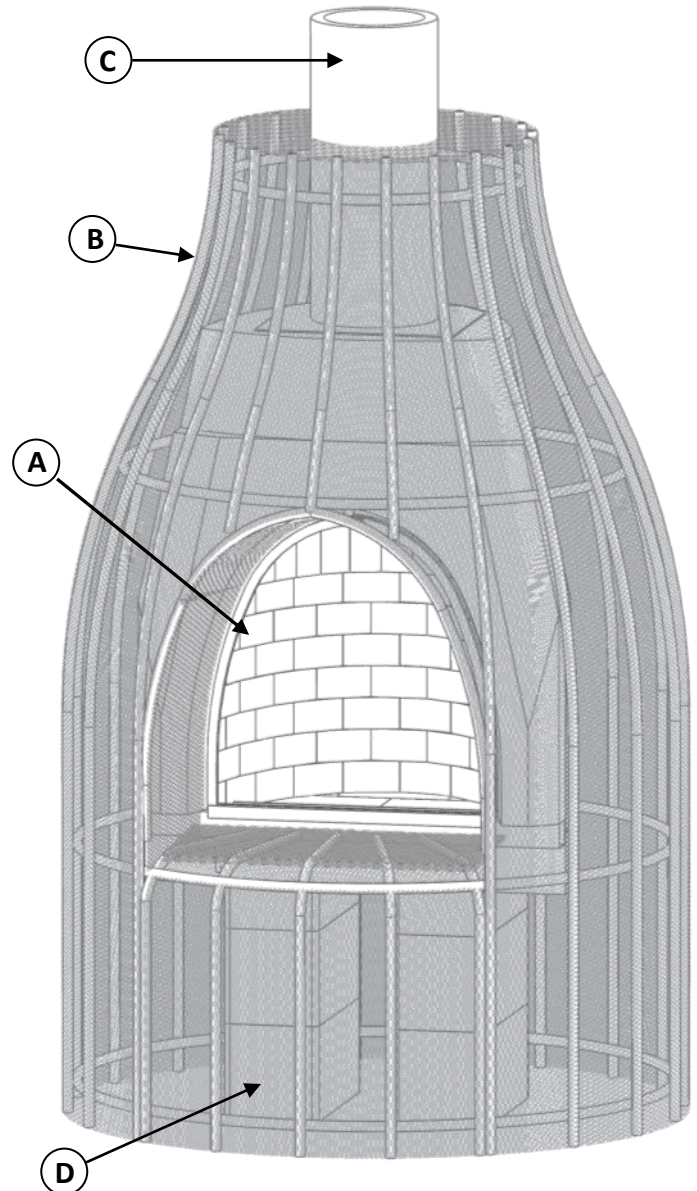
INSTALLATION MANUAL

Keep these instructions for future use.

This fireplace is to be installed **ONLY** by a construction industry licensed contractor. Any permits and construction industry inspections required for installation should be obtained by this contractor.

The El Pueblo Fireplace System consists of:

- A) KIVA FIREBOX** - A five piece pre-cast firebox consisting of real firebrick and light-weight concrete.
- B) EXTERIOR FIREPLACE FRAME** - A two piece tubular steel and diamond-mesh frame. The frame is finished with stucco after installation.
- C) CERAMIC TILE CHIMNEY** - A two foot section of 8" ceramic tile chimney is used for exhausting the fireplace.
- D) FIREBOX PEDESTAL** - Concrete blocks are used to elevate the firebox.
(Concrete blocks are not included)



NOTE: All **warnings** are outlined in this manual and must be adhered to by the installer and the buyer. Failure to do so will nullify the manufacturer's warranty, and may cause serious fire hazard.



WARNINGS AND GENERAL SAFETY PRECAUTIONS



**IMPORTANT: THESE INSTRUCTIONS MUST BE LEFT
WITH HOMEOWNER**



**ALL WARNINGS OUTLINED IN THIS MANUAL MUST BE STRICTLY
ADHERED TO BY THE INSTALLER AND HOMEOWNER.**
FAILURE TO FOLLOW these installation instructions will
VOID THE WARRANTY and may cause a serious **FIRE HAZARD**.



This fireplace is to be installed **ONLY** by a construction industry licensed contractor. Any permits and construction industry inspections required for installation should be obtained by this contractor.



Fully **READ** and **UNDERSTAND** all instructions carefully before beginning installation.



DO NOT modify your fireplace in any way.
Any modification will void the warranty and create a potential fire hazard.



Before burning your first fire, fully read the **"Homeowners Operation Manual"**.



Combustion Air Intake of fireplace must be kept clear of debris at all times.



Do not **store** or **use** flammable liquids or aerosols near this fireplace.



Never leave the fireplace burning while unattended.



Children should never be left unattended while the fireplace is in use.



WARNING: Only use approved chimney and termination systems outlined in this manual.



WARNING: This fireplace is **NOT** designed for wall termination. Fireplace must be vented vertically.

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PRE-INSTALLATION REQUIREMENTS

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! Fireplace installation must be in compliance with local building codes. Before installing the fireplace, consult the local construction industry to ensure that you are in compliance with all applicable codes, including permits and inspections.

FIREPLACE LAYOUT AND FIREBOX PEDESTAL:

The El Pueblo requires a 4" minimum thick concrete slab. The concrete slab should be at least 52" in diameter to allow for the El Pueblo frame and finishing stucco.

LAYOUT (FIG. 1)

- 1) Begin the layout by drawing a 48" diameter circle where you are locating the fireplace.
- 2) Next, draw a center line in the direction of the fireplace opening.
- 3) Refer to the chart below FIG. 1 for the base-line dimension (A). Draw the base line perpendicular to the center line, at the distance from the front of the circle specified in the chart. This line will be aligned with the front edge of the Firebox Base.

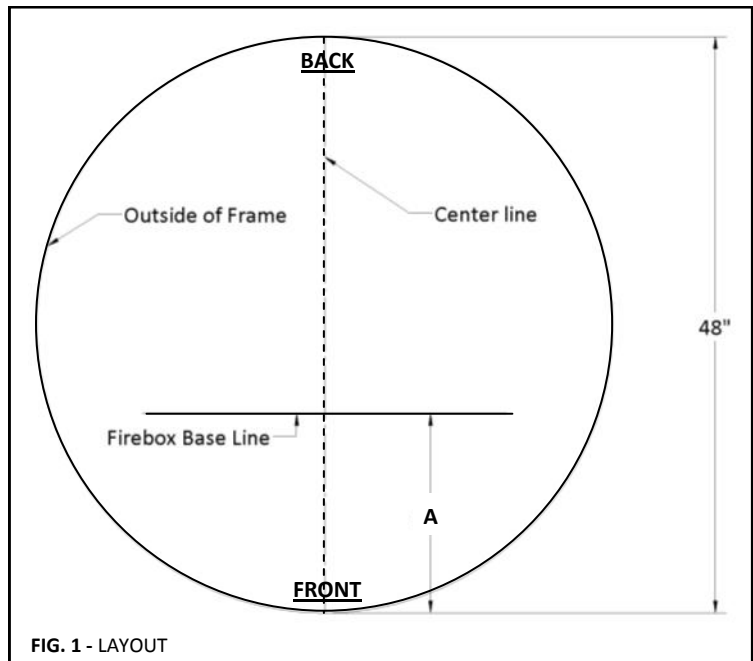


FIG. 1 - LAYOUT

FIREBOX PEDESTAL (FIG. 2)

(Note: Concrete Blocks are not included with the El Pueblo Fireplace Kit and must be purchased separately) Concrete Masonry Units (C.M.U) are used to construct the Firebox Pedestal. Two 8"x8"x16" and one 4"x8"x16" CMU can be stacked for an overall height of 18 7/8" (mortar between the blocks will add some height).

- 4) Position the front edge of the blocks with the Firebox Base Line. Refer to Block Spacing dimension (B) in positioning the width of the block pedestal. The blocks should be equally spaced from the center line.
- 5) Mortar the concrete blocks to each other and to the concrete slab as they are assembled.

	24" El Pueblo	30" El Pueblo
(A) - Baseline	16"	18"
(B) - Block Spacing	6"	9"

NOTE: For a lower firebox opening height, the block pedestal may be reduced in height. The bottom of the El Pueblo frame can be cut down the same amount to match.

! **WARNING: ONLY NON-COMBUSTIBLE MATERIAL MAY BE USED FOR THE FIREBOX PEDESTAL!**

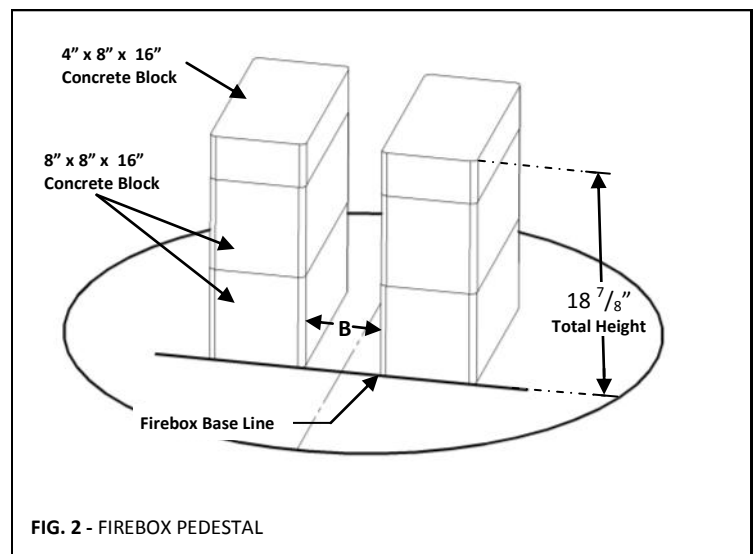
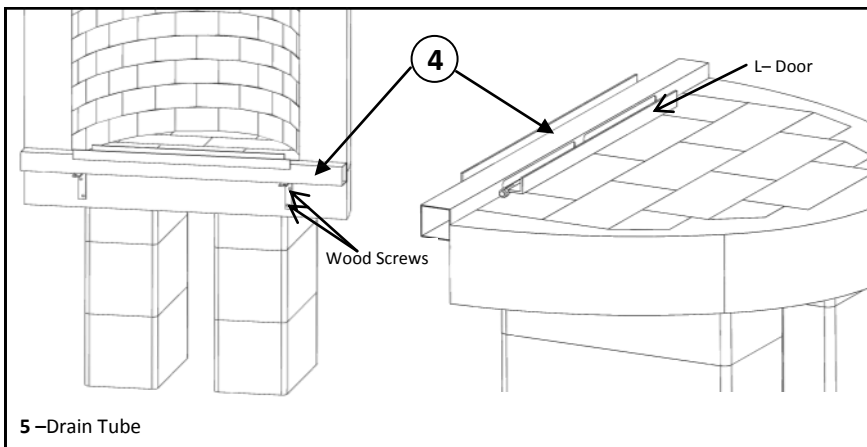
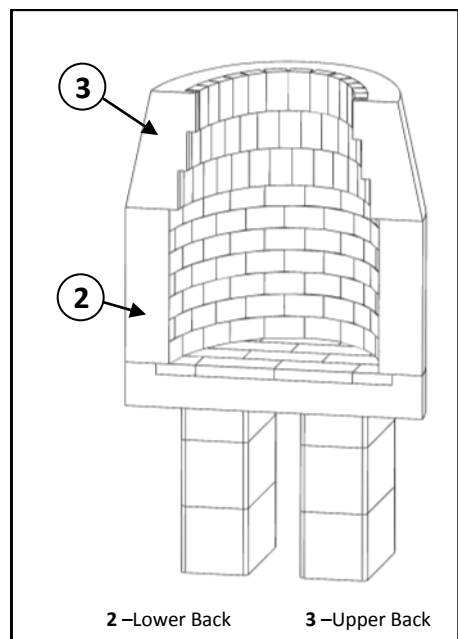
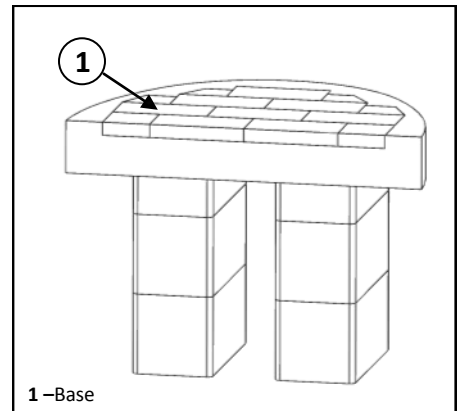


FIG. 2 - FIREBOX PEDESTAL

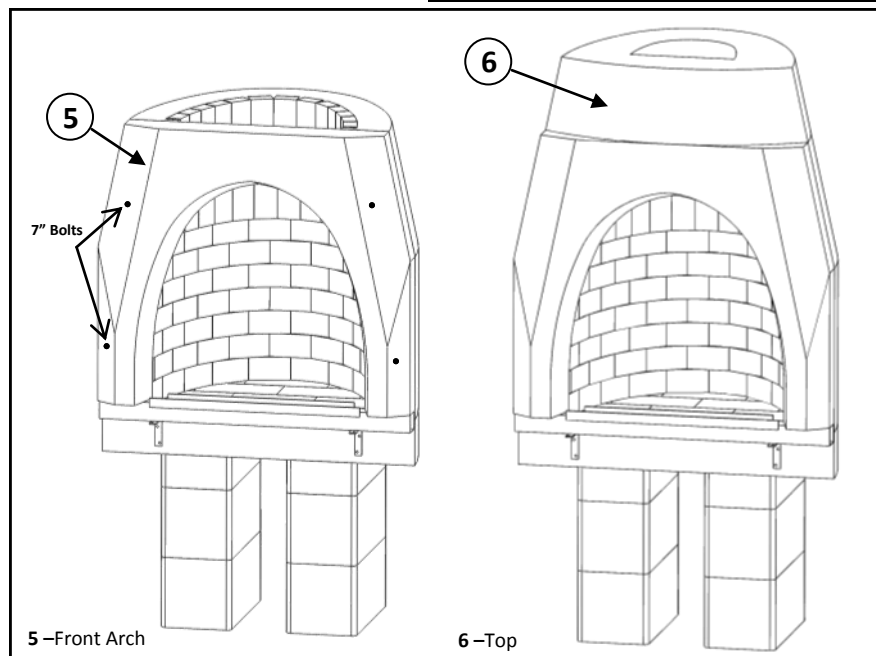
FIREBOX ASSEMBLY:

- 1) **BASE** –Spread a thin layer of concrete mortar on the top of the firebox pedestal. Place the firebox base on the pedestal. Using the layout sketch, align the front of the base with the firebox base line and center the firebox along the center line. Make sure the Base is level.
- 2) **LOWER BACK** –Apply a 5" wide thin layer of the included refractory mortar to the outside top edge of the base where the Lower Back will rest. Place the Lower Back in place and rotate the piece slightly back and forth to squish the mortar into place. Align the back and sides of the Lower Back and Base.
- 3) **UPPER BACK** –Following the above procedure, spread a layer of refractory mortar and place the Upper Back section on top of the Lower Back. Again, align the back and sides of the pieces.
- 4) **DRAIN TUBE** –Place the Drain Tube against the Firebox Base. The "L" door should rest on the Firebox Base when opened. Attach the tube to the face of the Base using four 2 1/2" wood screws.



- 5) **FRONT ARCH** –Apply refractory mortar to the front edges of the Lower and Upper Back pieces and to the top of the Front Arch section. Place the Front Arch into place and attach using four 1/4" x 7" Lag Bolts. Avoid placing any weight onto the Drain Tube before the bolts are attached.

- 6) **TOP** –Now install the top section of the fireplace. Again, spread a thin layer of refractory mortar where the pieces will meet, and align the back and sides of the pieces.

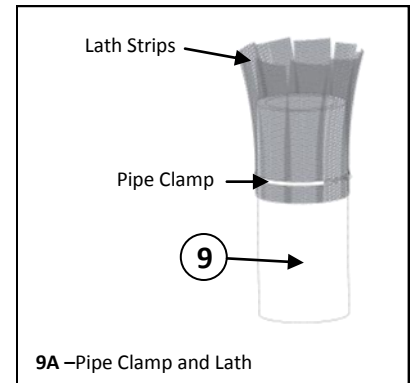
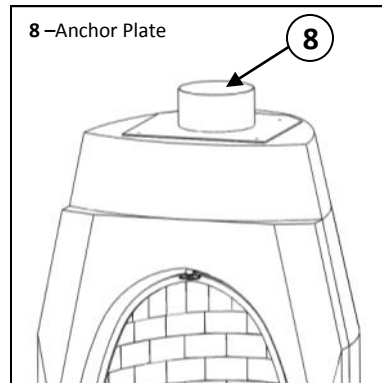
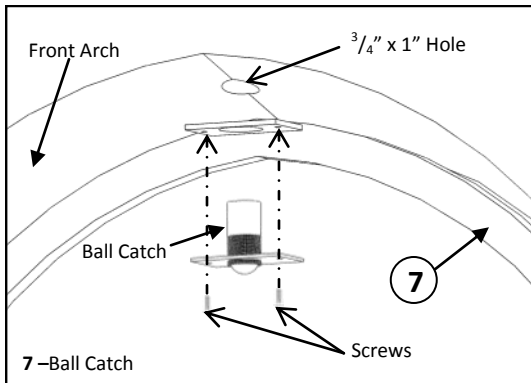
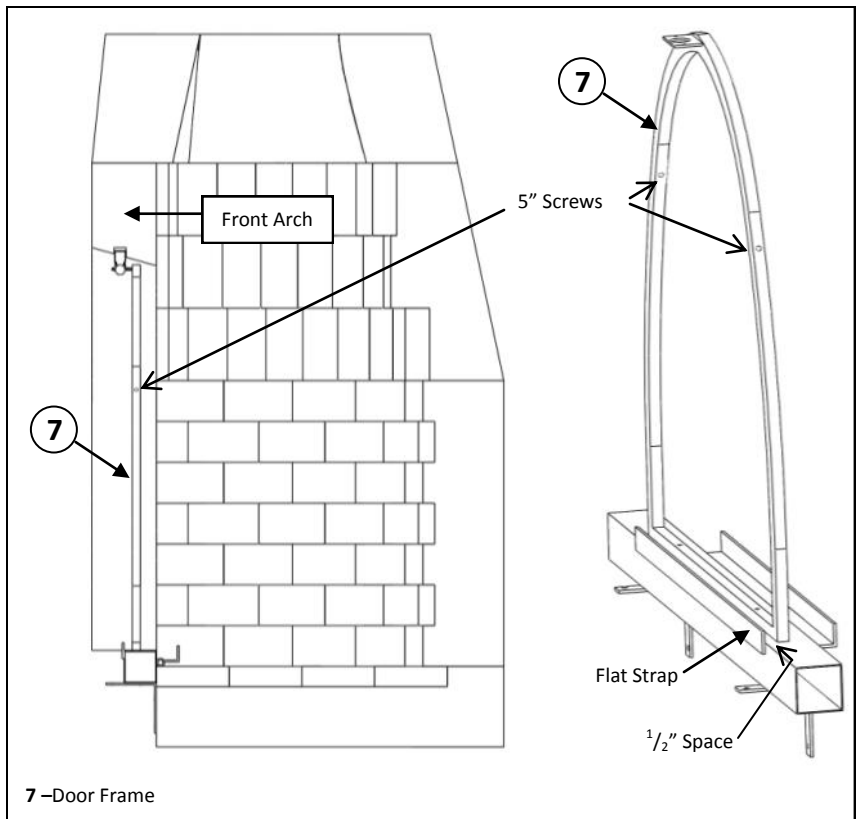


FIREBOX ASSEMBLY (CONTINUED):

7) DOOR FRAME – The Door Frame allows an Adobelite Screen Door or Glass Door to be used with the fireplace. Begin by attaching the Door Frame to the Drain Tube. Position the Door Frame on top of the Drain Tube and allow a $\frac{1}{2}$ " space between the flat strap on the Drain Tube and the Door Frame. Use two $1\frac{1}{4}$ " x #8 self drilling (black head) screws to secure the Door Frame to the Drain Tube.

Level the Door Frame, then secure the Door Frame to the Front Arch using two 5" (black head) wood screws.

Finally, the Ball Catch needs to be installed to the door frame. Begin by drilling a 1" deep x $\frac{3}{4}$ " dia. hole through the mounting tab and into the Front Arch. Slide the Ball Catch up into the hole and secure it to the mounting tab on the Door Frame with the two provided brass screws.

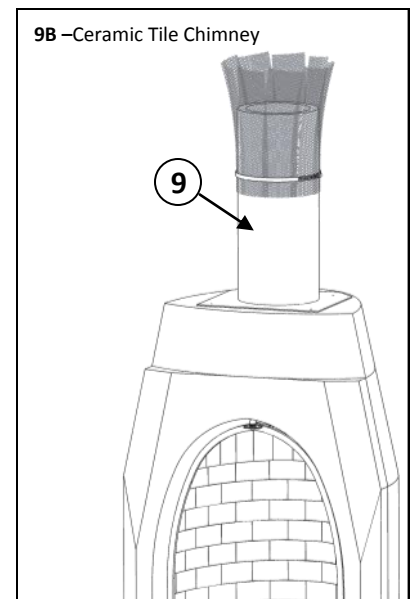


8) ANCHOR PLATE – Apply a thin layer of refractory mortar to the top of firebox where the Anchor Plate will sit. Align the back edge of the Anchor Plate opening with opening in the firebox top section. Secure the Anchor Plate with four $\frac{1}{4}$ " dia. x 3" long lag bolts.


9) CERAMIC TILE CHIMNEY–

(A) Mark a line around the Ceramic Tile Chimney 8" from the top. Cut eleven 3" x 16" strips of diamond lath mesh. Place the pipe clamp over the Ceramic Tile Chimney. Line up the top of the clamp with the drawn line, and slip the pieces of lath in-between the clamp and chimney. The lath strips should be about 1" below the clamp. When all the strip are in place, evenly spaced around the chimney, tighten the pipe clamp.

(B) Place refractory mortar on top of the Anchor Plate and then slide the Ceramic Tile Chimney into place around the collar of the Anchor Plate.



FRAME ASSEMBLY:

 **WARNING:** Use care and wear gloves when handling the frame and diamond lath pieces. Cut edges of the diamond lath mesh are very sharp!

ATTACH LATH TO DRAIN TUBE (FIG. 3)

Before placing the El Pueblo frame around the firebox, Lath needs to be attached to the and drain tube.

Cut a strip of lath 24" x 27". Fold the 24" side in half and place a sharp crease at the bend. Open the piece up and place the bent edge 1" down from the top of Drain Tube. Using the #6 x 1/2" self drilling Phillips washer head screws, attach the lath every 3". Finally bend the bottom section of the lath up to meet the top section so they can both pass through the opening of the El Pueblo frame.

ASSEMBLE FRAME

Place front half of frame up against the firebox. Pull the lath strips attached to the firebox opening through the front opening in the frame. Now, put the back half of the frame in place. Slide the horizontal bars into the supplied connectors and tighten screws to secure. Attach the lath extending from the back half of the frame to the tubular steel in the front section of the frame using the #6 x 1/2" self drilling hex head screws

ATTACH LATH FROM FIREBOX TO FRAME (FIG. 4)

First, attach the folded section of lath attached to the Drain Tube to the frame, using the self drilling screws. Any loose sections of lath can also be attached by fishing bailing wire through the pieces and tightening.

Next, cut several strips of diamond lath mesh 16" wide. Place the lath strips against the inside Front Arch even with the Door Frame. Using 1 5/8" washer head screws, attach the lath to the Front Arch every 4". Cut strips in the opening lath from the outside edge up to the opening bar. Fold the strips back onto the frame. Attach the lath strips to the frame using #6 x 1/2" self drilling hex head screws, or with bailing wire.

Finally, pull the lath strips that are secured to the Ceramic Tile Chimney section down onto the top of the frame and attach.

FINISHING THE FIREPLACE

The fireplace can be finished with any outdoor stucco. The 1st coat should contain cement and fiberglass in order to provide a solid foundation. The 1st coat can also be mixed slightly on the dry side to make it easier to apply.

