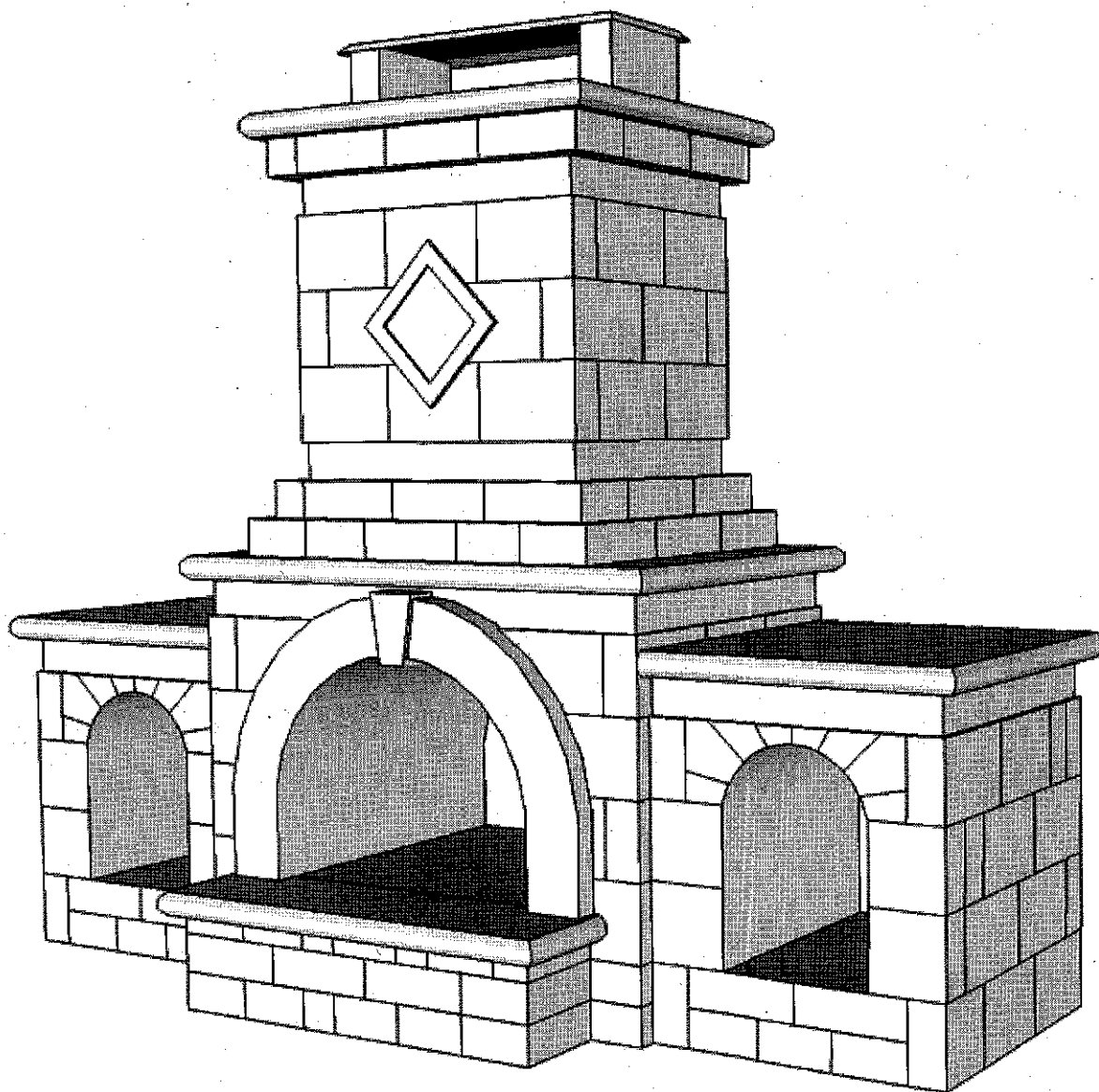


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# **Cambridge Fully Assembled Outdoor Fireplace Instruction Manual**



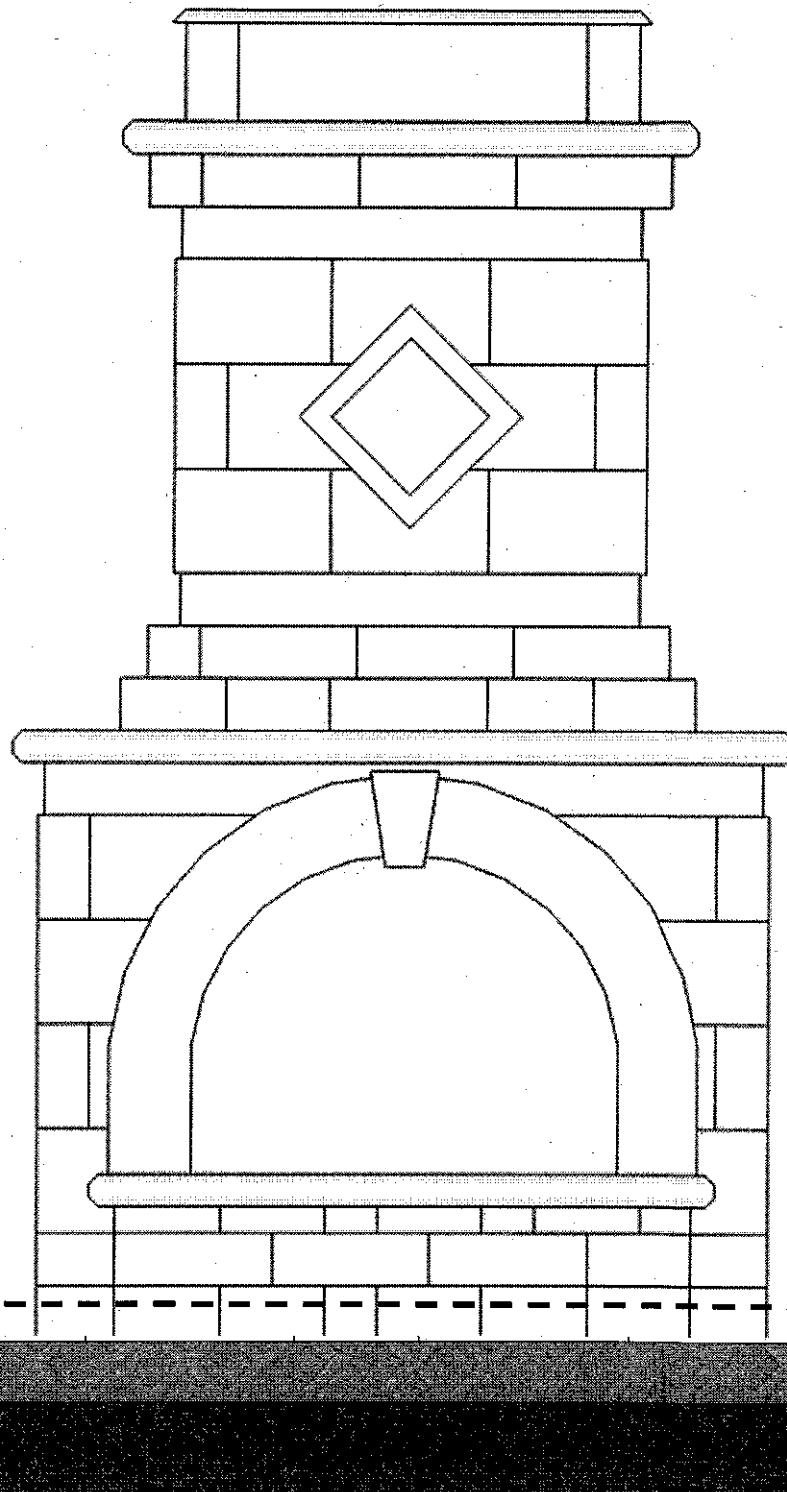
**Cambridge Montado Completamente  
Manual de Instrucciones Chimenea al  
Aire Libre**

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# Cambridge Fully Assembled Outdoor Fireplace

## Layer Reference Guide:

## Guía de Referencia:



### Fireplace Dimensions:

59 7/8" Long

55 7/8" Deep

101 1/2" High

### Fireplace Weights:

7507 lbs. Each

### Chimenea de dimensiones:

59 7/8" Largo

55 7/8" Profundo

101 1/2 Alto

### Pesos Chimenea:

7507 lbs. Cada

Finished  
Grade

2 3/8" Above Top of Foundation

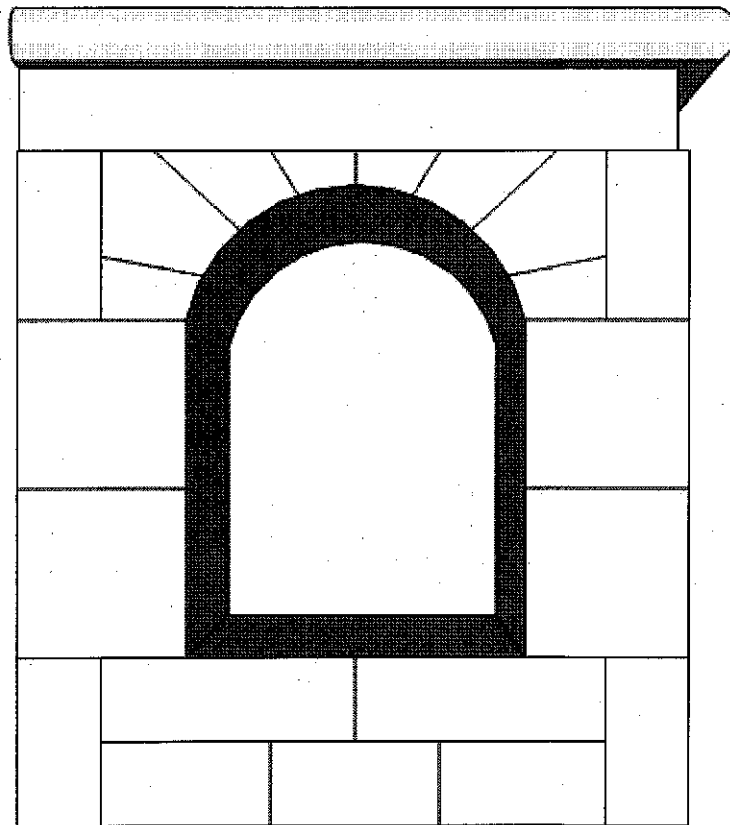
Foundation Layer

**Layer Reference Guide:**

**Guía de Referencia:**

**Optional Woodbox**

**Woodboxes Opcionales**



**Woodbox Dimensions:**

**34" Long**

**36" Deep**

**38 1/2" High**

**Woodbox Weights:**

**1950 lbs. Each**

**Leñera Dimensiones:**

**34" Largo**

**36" Profundo**

**38 1/2 Alto**

**Leñera Pesos :**

**1950 lbs. Cada**

# Cambridge Fully Assembled Outdoor Fireplace

## Tools Required for Fireplace Kit Installation:

Skid steer loader or other type of machinery with  
forks capable of lifting 4000 lbs.  
Safety Goggles  
Ear Protection  
Dust Mask  
Gloves  
Shovels (digging & flat)  
Metal Cutters for banding on cubes  
Mason Hammer (chipping, hammer)  
Road Stone Rake  
Tamper (Hand or Mechanical)  
Wheelbarrow  
Level (2' and 6' recommended)  
Speed Square  
Caulk Gun 10 oz or 28 oz (depends on what size  
adhesive is purchased)  
Rubber Mallet  
14" Demo saw with diamond blade  
Tape Measure  
Marking Device (pencil, soap stone, etc)  
Chalk Line  
Hand Broom  
Concrete Tools (Trowel/Floats)  
6 Foot ladder or scaffold according to your company's  
state, and OSHA safety policy  
Drill & 1/16" bit  
5/16" nut driver  
7 1/4" Circular saw with wood blade  
4" Electric grinder  
4" Diamond cup grinder

## Items Included in the Fireplace Kit:

1 - Fireplace unit top  
1 - Fireplace unit bottom  
1 - Fireplace Hearth  
6 - Forklift protectors  
8 - Filler Block  
1 - Installation manual

## Material Required:

3/4" clean stone (approx. 1 ton)  
Concrete (approx. 32-80 lb bags)  
Cambridge concrete adhesive                      ap-  
prox. 6 (29 oz.) or 17 (10.3 oz.) tubes  
(4 pcs) 2" x 4" x 8' lumber  
2 1/2" wood screws  
1/2" rebar (approx. 15')

# Cambridge Fully Assembled Outdoor Fireplace

## Herramienta Requerida Para la Instalacion del Kit:

Minicargador o de otro tipo de maquinaria con horquillas capaces de levantar 4000 libras.

Gafas de seguridad

Protección auditiva

Máscara de polvo

Guantes

Palas (excavación y plano)

Cortadores de Metal de bandas en los cubos

Mason Hammer (astillado, martillo)

Camino del rastrillo de Piedra

Sabotaje (manual o mecánica)

Carretilla

Nivel (2' y 6' recomendado)

Velocidad de la Plaza

Pistola para calafatear 10 oz o 28 oz (depende de qué tamaño es comprar pegamento)

Martillo de goma

14 "Demo sierra con disco de diamante

Cinta métrica

Dispositivo de marcado (lápiz, piedra jabon, etc)

Línea de tiza

Escoba de mano

Herramientas concretas (paleta / flotadores)

6 pies escalera o andamio de acuerdo al estado de su empresa, y la política de seguridad de OSHA

Taladro y 1/16" bits

5 /16" Tuerca conductor

7 1/4" Sierra circular con hoja de madera

4" Amoladora eléctrica

4" Amoladora de la taza del diamante

## Artículos Incluidos en el Kit de la Chimenea:

1 - Chimenea superior de la unidad

1 - Chimenea inferior de la unidad

1 - Chimenea hogar

6 - protectores de montacargas

8 - de relleno bloque

1 - Manual de instalación

## Material Requerido:

3/4" Piedra limpia (aprox 1 tonelada)

Hormigon (aprox. 32-bolsas de 80 libras)

Cambridge concretas adhesive aprox. 6 (29oz) o 17 (10.3 oz). Tubos

(4 piezas) de 2"x 4" x 8" de madera

2 1/2" tornillos para madera

## Cambridge Fully Assembled Outdoor Fireplace

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### Fireplace Concrete Pad Construction:

Call 811 for information on underground utility marking. Select desired location and excavate 64" L x 58" W x 12" D area for concrete pad. Fill excavated area with approximately 6" of  $\frac{3}{4}$ " clean gravel, compacting every 3". Frame remaining 4" with 2"x4" lumber to create a level pad (be sure 2"x4" wood frame is perfectly level, front to back and side to side). See attached drawing for details of steel reinforcement rod placement. Fill concrete tubes and 2"x4" wood frame with a 4,000 psi strong concrete mix.

\* Allow concrete pad to cure for 48 hours.

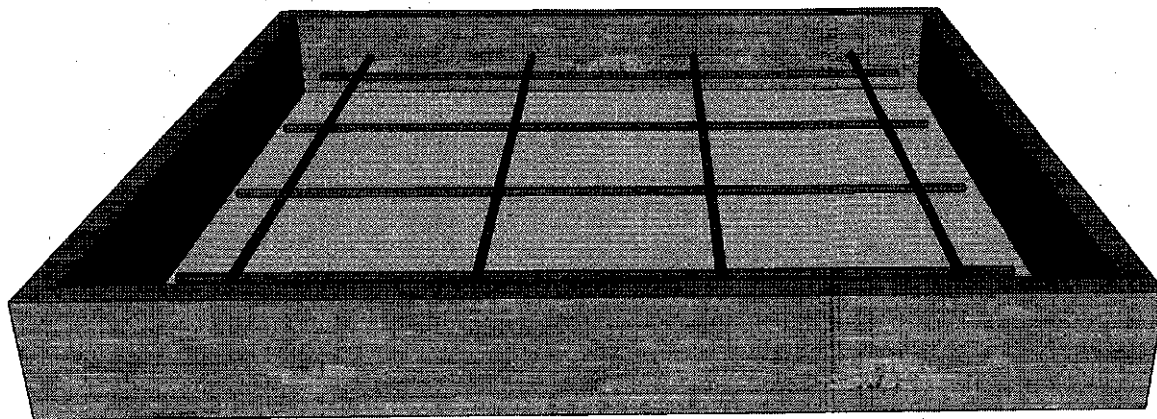
### Construccion Concreta del Cojín de la Chimenea:

Llame al 811 para obtener información sobre la utilidad de metro marcado. Seleccione la ubicación deseada y excavar 88" de largo x 60" W x 12" D área de plataforma de concreto. Instale cuatro 8" de diámetro de los tubos de hormigón a las heladas-line como por el código local. Llene la zona excavada con aproximadamente 6" de  $\frac{3}{4}$ " limpia grava, compactando cada 3". (No llene los tubos de concreto con grava). Marco restantes 4" con 2" x 4" de madera para crear una plataforma de nivel. (Asegúrese de 2" x 4" marco de madera está perfectamente horizontal, de adelante hacia atrás y de lado a lado) Véanse los detalles del dibujo para la colocación de varillas de acero de refuerzo. Relleno de concreto y tubos de 2" x 4" marco de madera con una mezcla de concreto 4000 PSI fuerte.

\* Deje que la almohadilla para curar por un mínimo de 48 horas.

# Cambridge Fully Assembled Outdoor Fireplace

## Fireplace Concrete Pad Detail-Drawing



A -  $\frac{1}{2}$ " steel reinforcing rod / Barra de refuerzo de acero

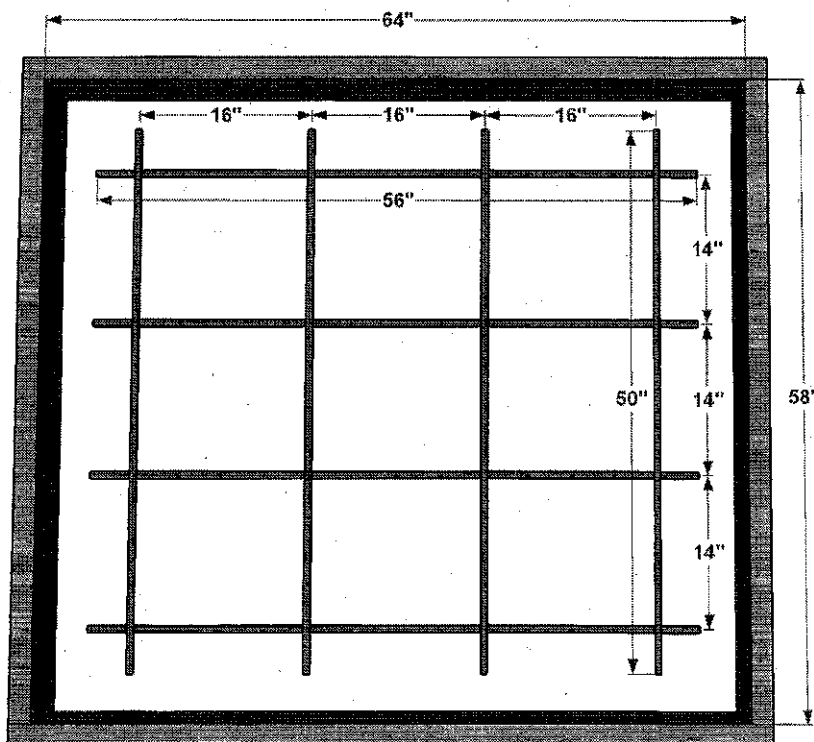
B - 8" concrete slab / Bloque de cemento de 8"

C - 2" x 8" Forms / 2" x 8" Formas

D - Grade:  $2 \frac{3}{8}$  below finished paver height / Grado:  $2 \frac{3}{8}$  "altura por debajo del pavimento acabado

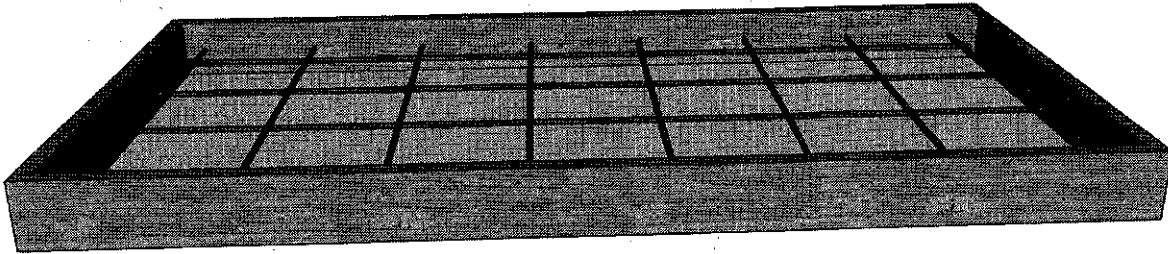
E - Place rebar 4" from the bottom of slab / Coloque las barras de refuerzo de 4 "de la parte inferior de la losa

### Top View-Footing Detail / Vision Superior-Detaile De Pie:



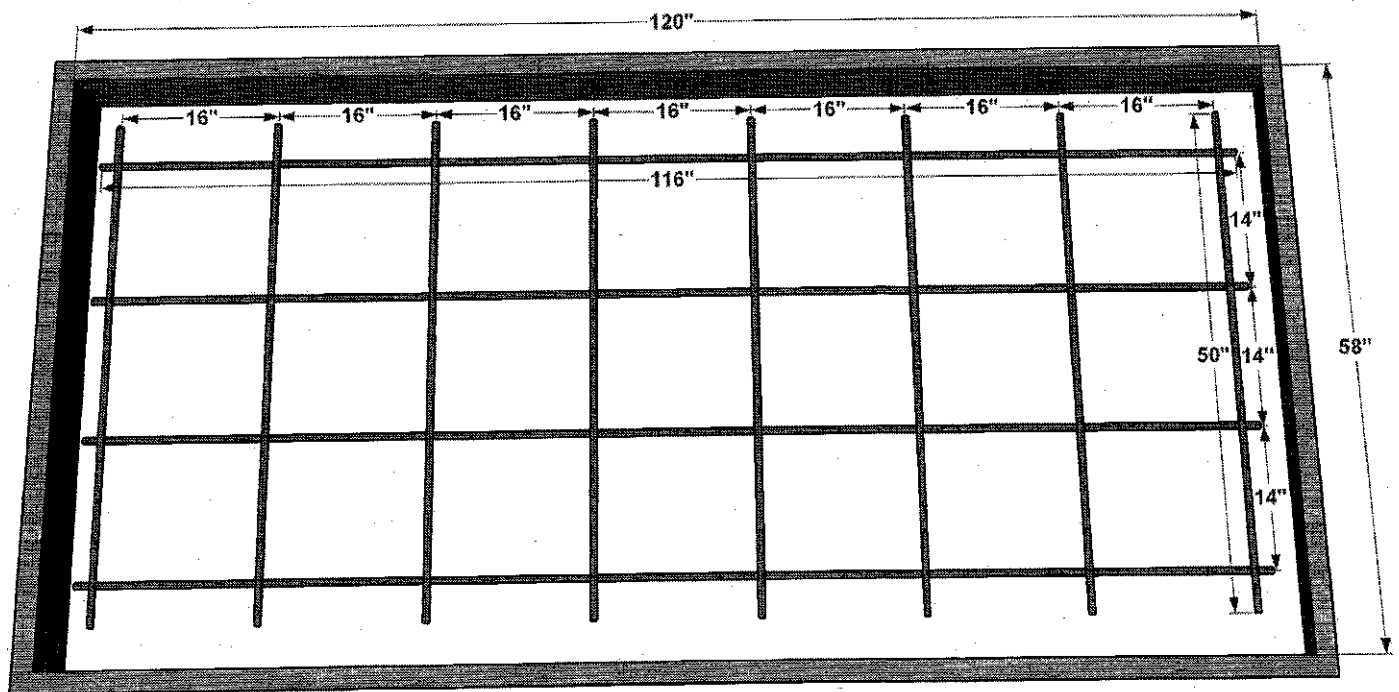
# Cambridge Fully Assembled Outdoor Fireplace

## Pre-Made Fireplace With Wood Boxes Concrete Pad Detail-Cross Section Drawing: Concreta del Cojín de la Chimenea Detail-Dibujo Seccionado Transversalmente:



- A -  $\frac{1}{2}$ " steel reinforcing rod / Barra de refuerzo de acero
- B - 8" concrete slab / Bloque de cemento de 8"
- C - 2" x 8" Forms / 2" x 8" Formas
- D - Grade:  $2 \frac{3}{8}$ " below finished paver height / Grado:  $2 \frac{3}{8}$ " altura por debajo del pavimento acabado
- E - Place Rebar 4" from the bottom of slab / Coloque las barras de refuerzo de 4" de la parte inferior de la losa

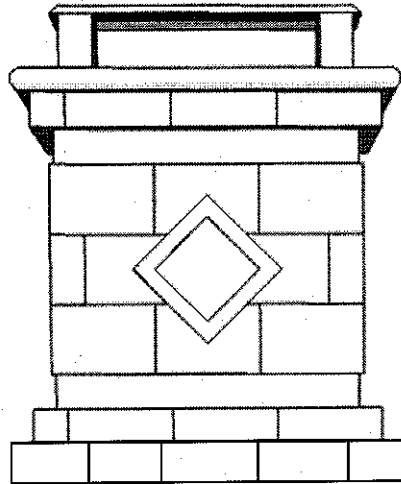
## Top View-Footing Detail / Vision Superior-Detaile De Pie:





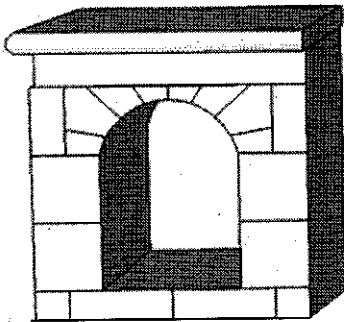
# Cambridge Fully Assembled Outdoor Fireplace

## Included In The Kit:



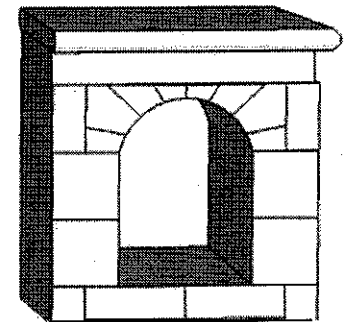
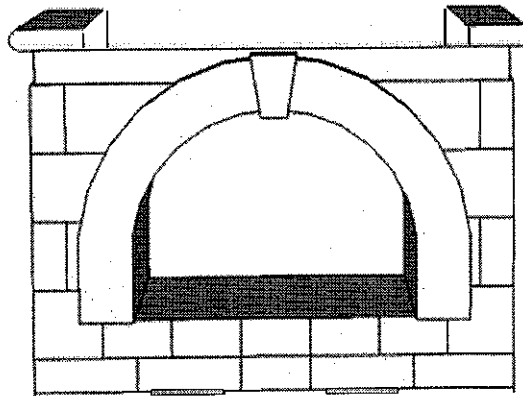
(OPTIONAL)

Wood box

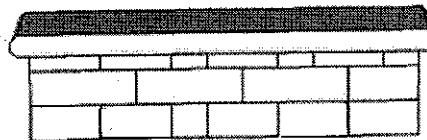


(OPTIONAL)

Wood box



Fireplace Hearth



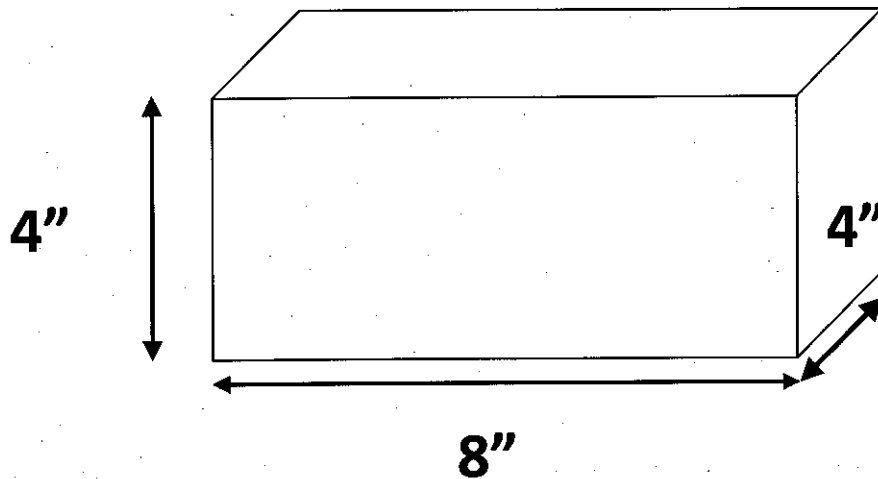
Filler Block



All units are packaged on special pallets designed specifically for each piece to align with the first course you will lay out on the concrete slab. Always have the pallets moved as close as possible to the concrete pad before attempting to set the components in place. Always lift from the back of each component to avoid damage. Fork protectors are for installation purposes only. They will need to be removed before the filler blocks are installed.

Protectores de horquilla son instalación sólo se propone y tendrá que eliminar-se antes de que se instalan los bloques de relleno.

## FILLER BLOCKS



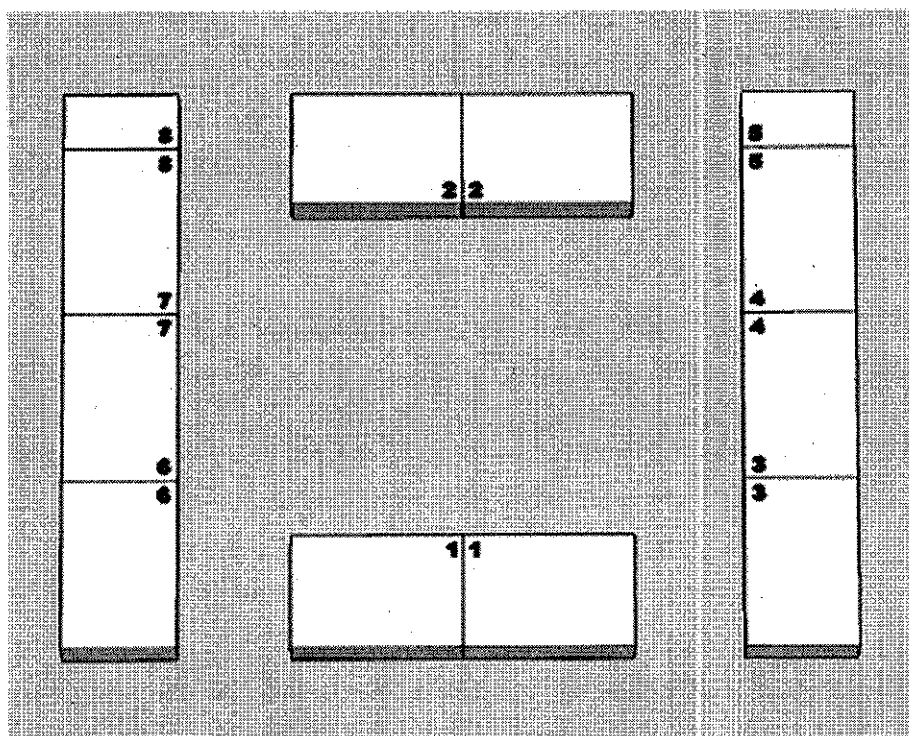
There are (8) filler blocks included in this kit. They are used on the top front and back, the bottom back of the unit, and the hearth. Do not put the filler blocks in the fork pocket on the bottom unit front. The hearth will cover the bottom unit fork pockets so there is no need to place the filler blocks.

The woodboxes are optional .

# Cambridge Fully Assembled Outdoor Fireplace

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## Fully Assembled Outdoor Fireplace : Step 1

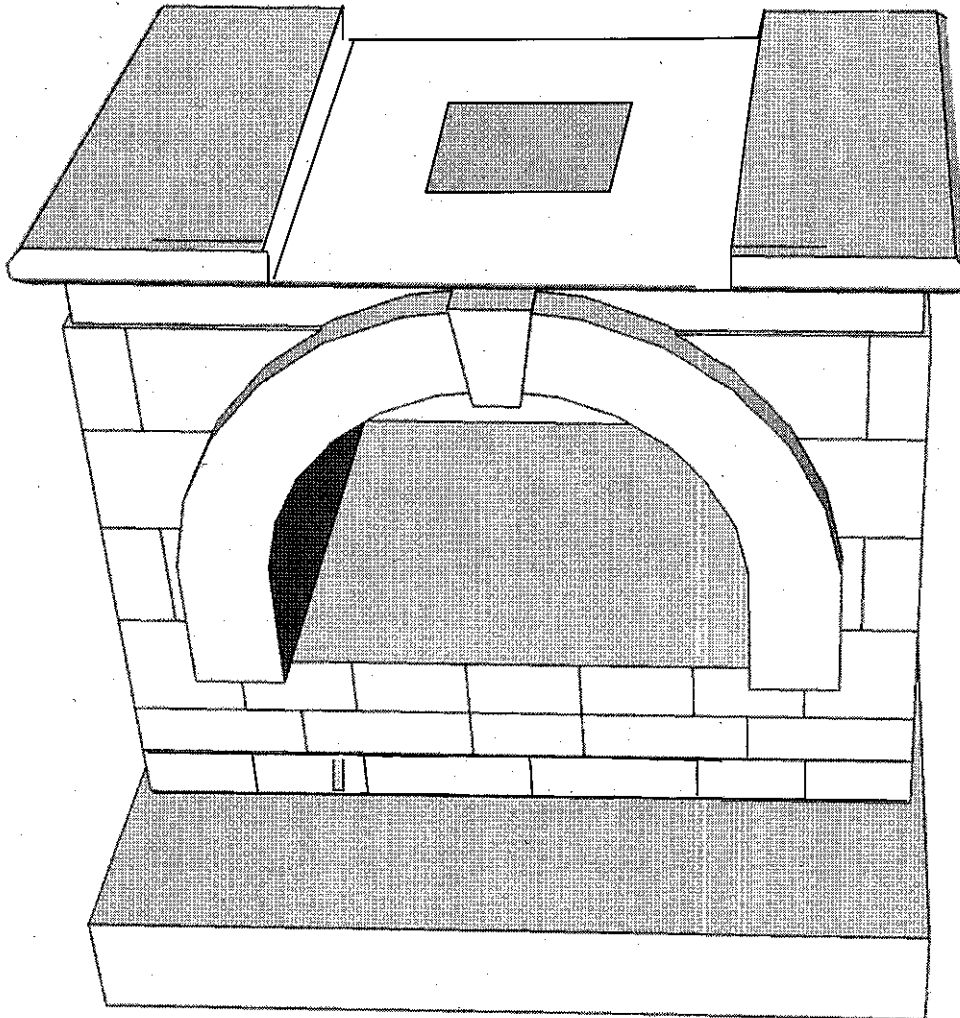


### Step 1:

Carefully place the first layer centered on the cured concrete pad. Make sure you leave the proper 8" openings for the filler blocks as shown in the above detail. This step is in preparation for the stacking of the fireplace base.

# Cambridge Fully Assembled Outdoor Fireplace

## Fully Assembled Outdoor Fireplace : Step 2



### Step 2:

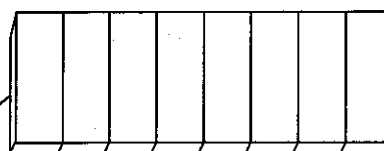
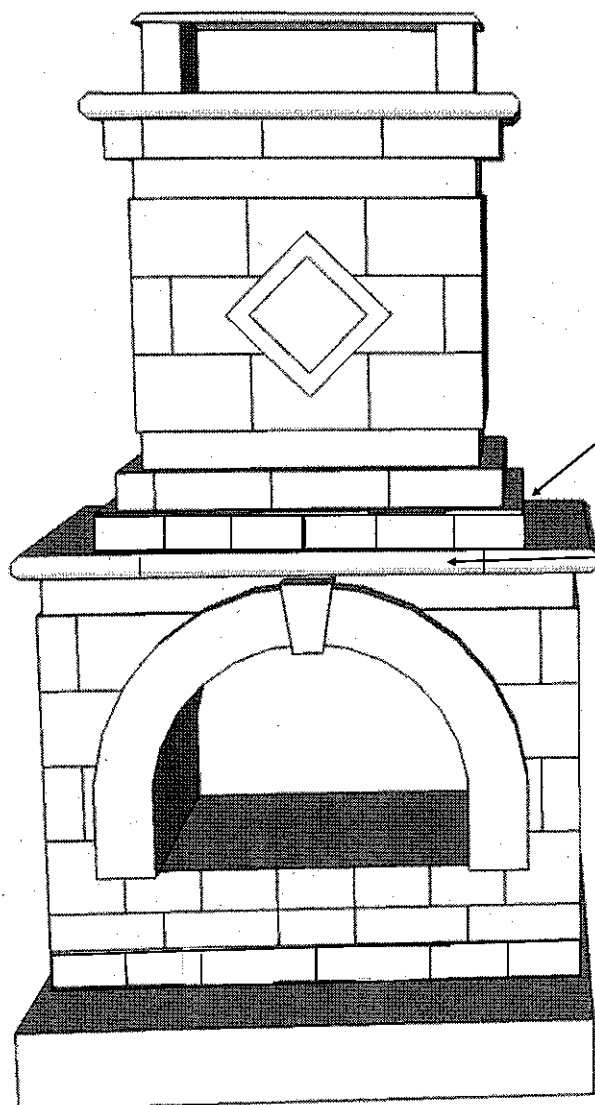
Bring the unit as close to the concrete pad as possible. Make sure you install the fork protectors on the forks of the machine you are using to set the bottom of the fireplace base. It is important to use a machine capable of handling the weight of the fireplace base (4,500LBS). Carefully lift the Fireplace bottom from the 2 open sections (black sections on detail) on the pallet and place on top of the first layer you prepared in step 1. Carefully adjust the base layer stones as needed for proper alignment with the fireplace bottom. Be careful not to put your hands or fingers in between the unit and base course stones.

### Paso 2:

Cuidadosamente levantar la parte inferior de la chimenea con una máquina y centra lo en el base concreto curado. Siempre trabajar la máquina desde la parte posterior de la unidad cuando sea posible.

# Cambridge Fully Assembled Outdoor Fireplace

## Fully Assembled Outdoor Fireplace : Step 3



Place this bullnose filler piece in the back of the fireplace.



After placing the top on the fireplace bottom, now you will insert the bullnose filler pieces to complete the kit.

### Step 3:

Lift and carefully place the Fireplace top on the bottom unit according to the marks on the base unit. Before adding the filler blocks to the top unit, be sure to remove the wooden fork protector.

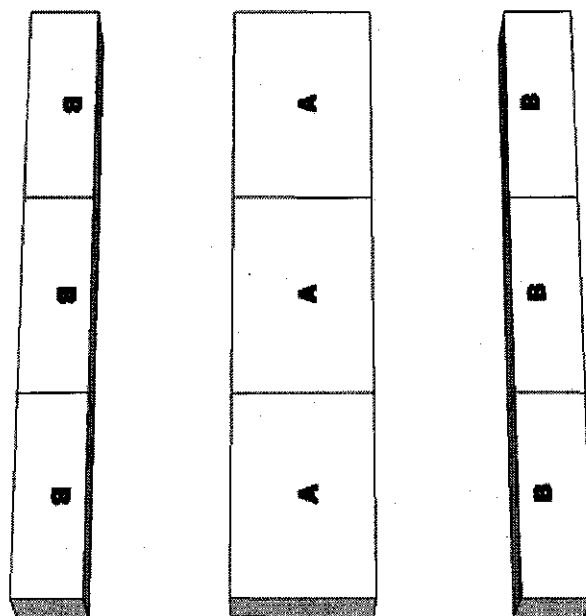
### Paso 3:

Levantar y colocar cuidadosamente la parte superior de chimenea con la unidad de fondo acuerdo con las marcas del paso anterior. Antes de agregar el bloque de relleno, asegúrese de quitar el protector de la horquilla de madera.

# Cambridge Fully Assembled Outdoor Fireplace

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## Fully Assembled Outdoor Fireplace : Step 5 Optional

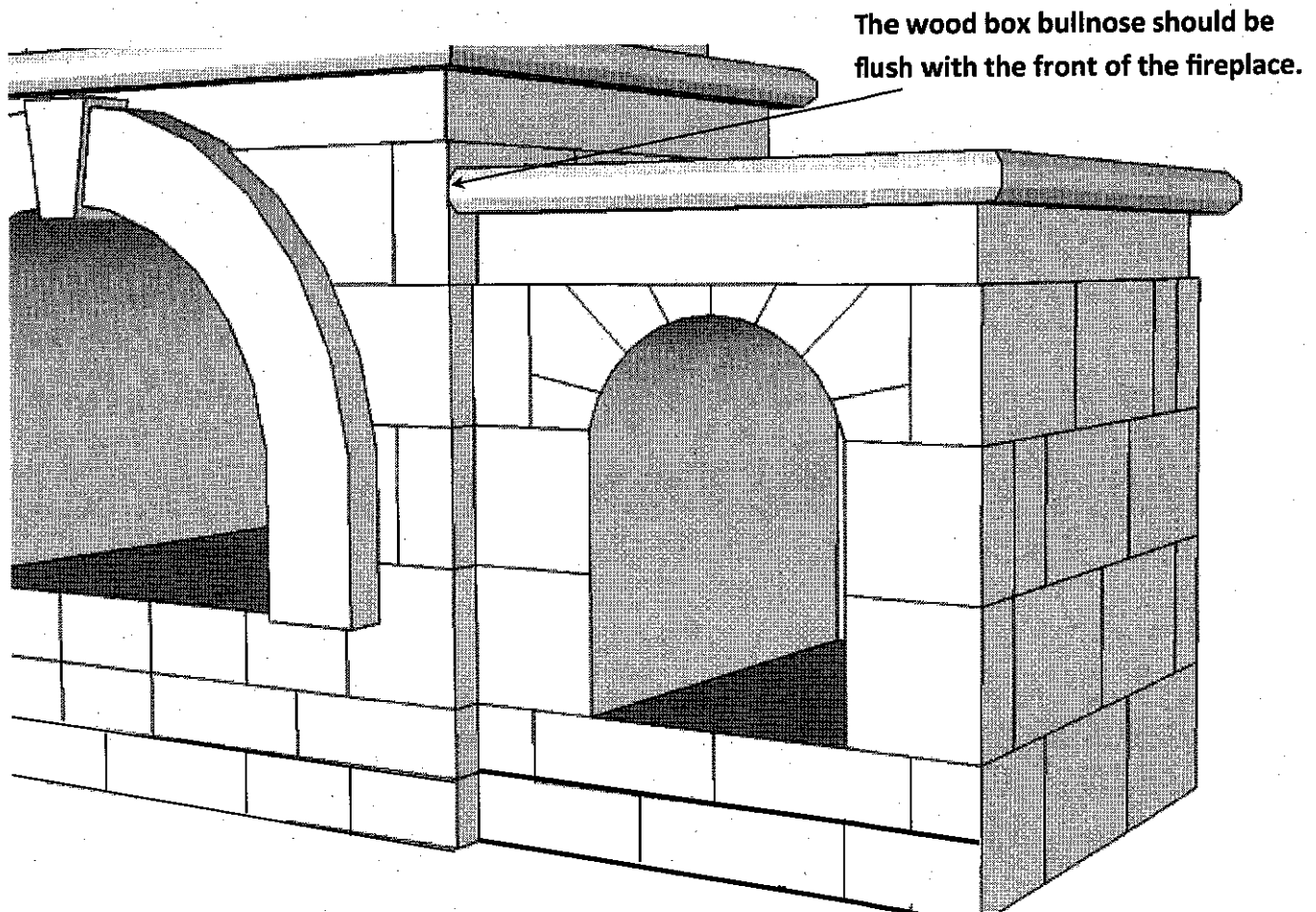


### Step 5 Optional:

If using the optional wood boxes next to the fireplace bottom unit. Place the first layer down on the concrete pad

# Cambridge Fully Assembled Outdoor Fireplace

## Fully Assembled Outdoor Fireplace : Step 6 Optional



### Step 6 Optional:

Carefully move the optional woodboxes next to the fireplace bottom unit.

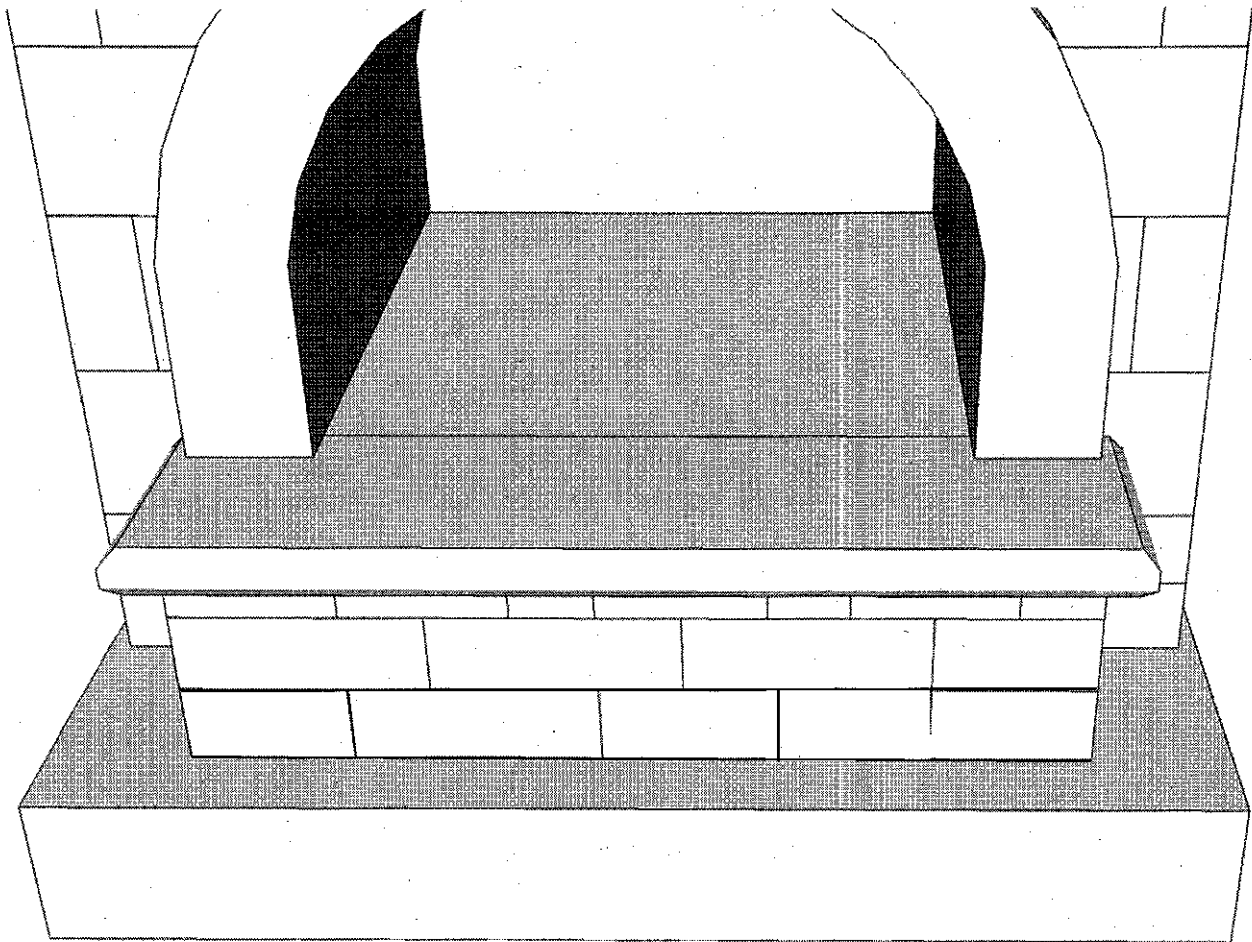
The front woodbox bullnose edge should be lined up flush with the front of the fireplace unit as shown in the detail.

### Paso 6 opcional:

Cuidadosamente pon los cajas para la lena que son opcionales junto a la unidad de fondo de la chimenea.

# Cambridge Fully Assembled Outdoor Fireplace

## Fully Assembled Outdoor Fireplace : Step 7



### Step 7:

Carefully bring the fireplace hearth about 6"-8" away from the fireplace bottom. With the use of two people move the hearth in to position by hand. This is done to eliminate any damage that might occur to the bullnose.

### Paso 7:

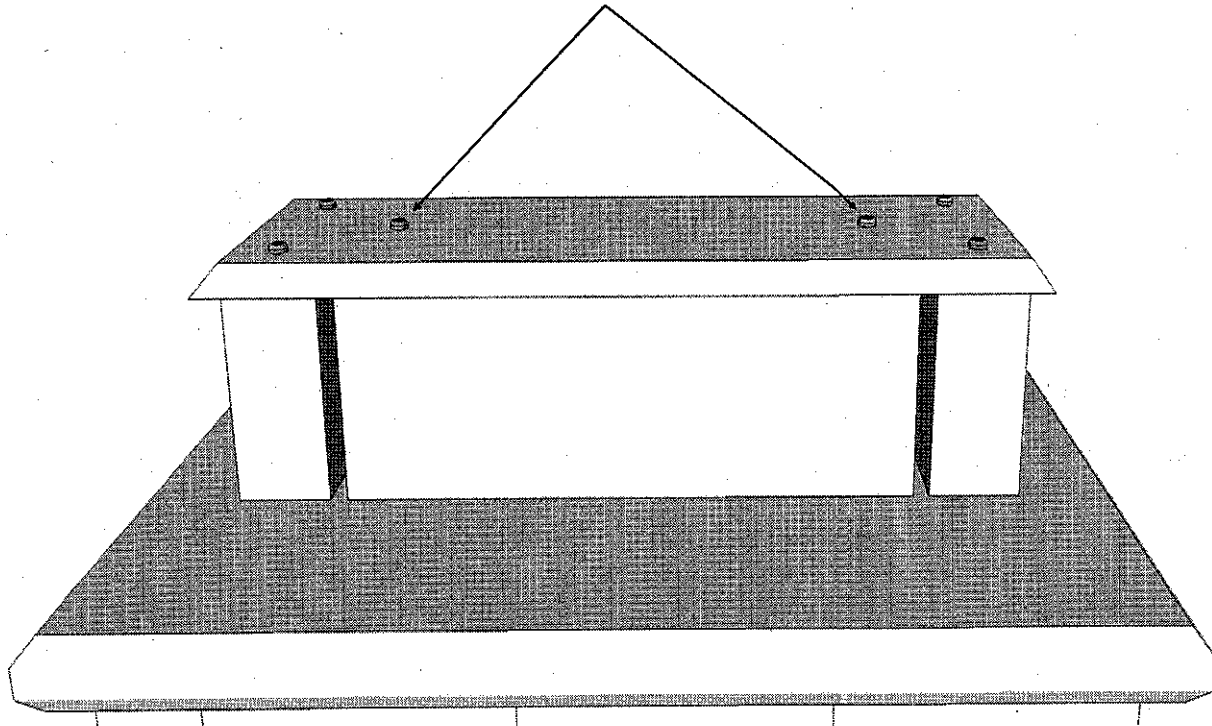
Cuidadosamente traer el hogar de la chimenea alrededor de 6 "-8" lejos de la parte inferior de la chimenea. Con el uso de dos personas mueve el hogar y posicionar a mano. Esto se hace para eliminar los daños que podrían producirse a los ladrillos bullnose.



# Cambridge Fully Assembled Outdoor Fireplace

## Fully Assembled Outdoor Fireplace : Step 8

**Remove these 2 screws to drop the flue.**



### **Step 8:**

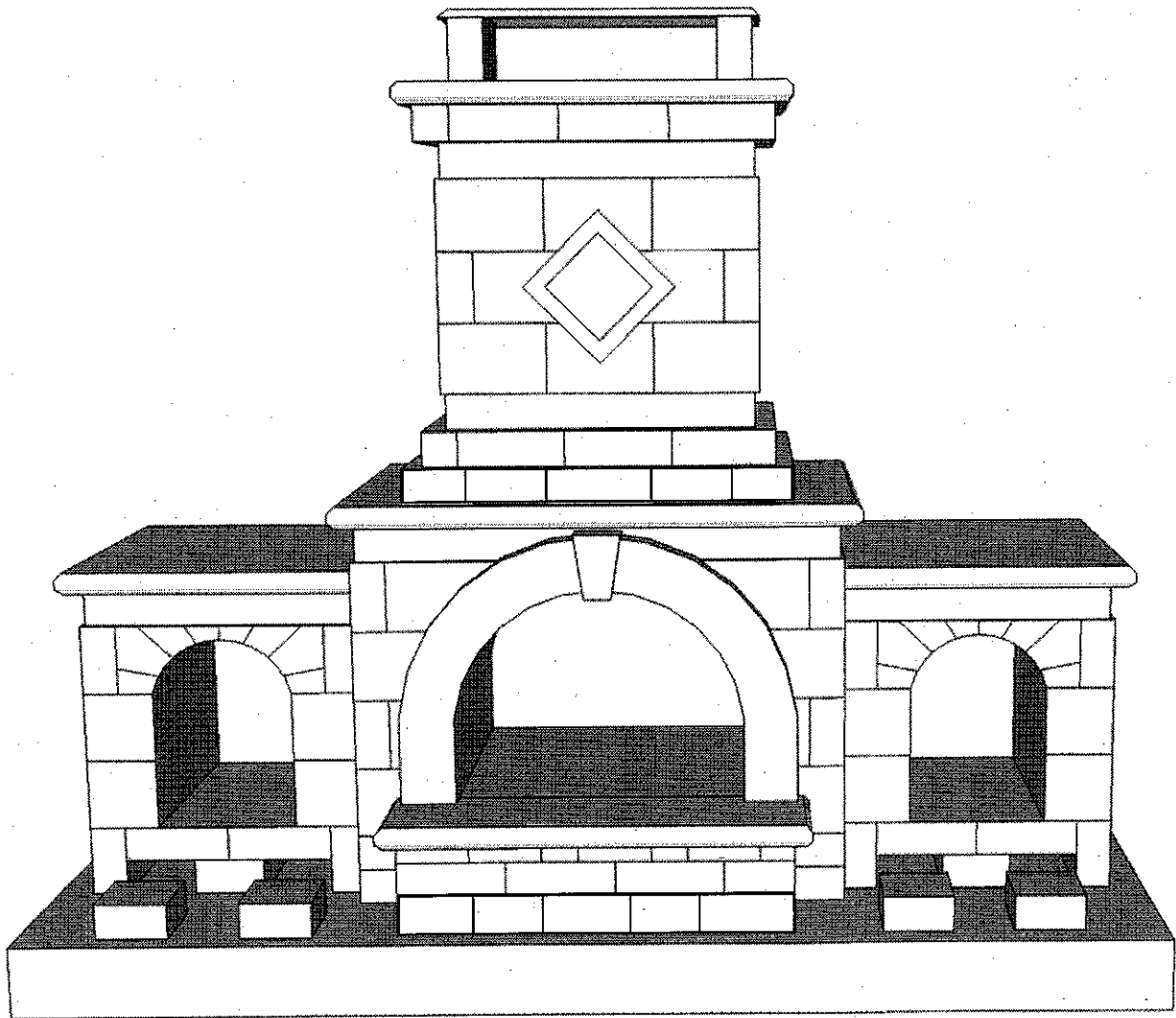
**Remove the two screws on top of the chimney termination cap to drop the flue.**

### **Paso 8:**

**Retire los dos tornillos en la parte superior de la tapa de terminación de la chimenea para dejar caer la chimenea.**

# Cambridge Fully Assembled Outdoor Fireplace

## Fully Assembled Outdoor Fireplace : Step 9



### Step 9:

The last step is to apply concrete adhesive, and install the filler blocks in the fork pockets.

**Should you want to move the unit in the future DO NOT GLUE the filler blocks in place.**

Be sure to remove the wooden fork protectors before installing the filler blocks.

### Paso 9:

El último paso es aplique adhesivo concreta e instalar los bloques de relleno en los bolsillos de la horquilla.

Si desea mover la unidad en el futuro no use pegamento.