36" WOOD BURNING OUTDOOR FIREPLACE INSTALLATION INSTRUCTIONS
**KIT CONTAINS**

- Contemporary Termination Round
- 12” and 48” Chimney Sections
- Storm Collar
- Steel Lintel
- Fireplace Trim Piece
- Fireplace Insert with Grate

**BASIC TOOLS**

**SAFETY**
- Safety Glasses
- Gloves

**ALTERATIONS**
- Stone Chisel
- Mallet
- Concrete Saw

**LAYOUT**
- Layout Stakes
- Line

**LEVELING**
- Level(s)
- Mallet

**GENERAL**
- Shovel
- Wheel Barrow
- Hand Compactor

**FINISHING**
- Caulking Gun
- Exterior Grade Construction Adhesive
You will need:

- 132 - Visage - 16"/12" unit
- 158 - Visage - 16"/14" unit
- 100 - Visage Cap units
- 200 - Alignment Pins (approximate)
- 25 - Tubes exterior grade concrete adhesive
- 6 - 1½" x 1½" x 20" - zinc plated slotted angles (14+ gauge)
- 2 - 1½" x 1½" x 17" - zinc plated slotted angles (14+ gauge)
- 1 - Mantel Piece (3" h x 70" w x 10" d)
- Concrete Slab - 18.8 cf
- Fireplace Insert (contact Keystone for specs & retail options)

Note: All units are 6’ h x 8’ d.

General Note:
In consideration of freeze / thaw issues during the cold weather season it is recommended that this Fireplace element be protected from rain, snow and ice as necessary.
Foundation Isometric

Fireplace Site Cast Concrete Foundation Slab
6" thick w/Rebar to Local Codes

1 1/2" Compressible Styrofoam

Fireplace Footings to Frost Vary by Region
12" Dia. Concrete Piers in Sono-Tube or Equal Forms
Include Rebar into Foundation to Local Codes (Typ)

Foundation Plan

6" 12" 30 1/8" 6" 108 1/4" 6" 12" 30 1/8" 6" 12" 50"
Due to block outside face texture variances when building the fireplace courses, the outside dimensions of the courses may get wider than desired. If required, cut an interior perimeter unit to get the required outside dimension.
2nd Course Isometric

- Install These Block Units Upside Down So the Block Channel is Facing Up
- Keystone Visage Units (Typ.)
- 1st Course Below

2nd Course Plan

- 8" Hearth Extension
- 88 1/4" ±
**Block Cutting Note:**
Using a concrete saw or wheel grinder tool with masonry disk, cut block units as needed.
Cap Cutting:
Using a concrete saw or wheel grinder tool w/ masonry disk, cut block units as needed.
3rd Course Capping Isometric

Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

Cap Cutting:
Using a concrete saw or wheel grinder tool w/ masonry disk, cut block units as needed.

Fireplace Placement Note:
Prior to placing the fireplace insert for proper removal of the fireplace stainless steel face protective wrap, peel back the outside portions of the protective wrap where it will come in contact with block units, cap units and top trim piece.

3rd Course Capping Plan

8" Hearth Extension Below
**Fireplace Note:**
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

**Fireplace Installation Note:**
The installed fireplace front outside corners of the fireplace insert face should contact the small end units at the inside end of the two inside walls. If the fireplace insert does not contact the small units at each side, trim the front and or side units below to allow the fireplace insert to move forward to contact the small units at each odd numbered course.

**Block Cutting Note:**
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed.
Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

Keystone Visage Unit
Cut to Allow for Fireplace (Both Sides)

Install This Block Unit Upside Down So the Block Channel is Facing Up

Block Cutting Note:
Using a concrete saw or wheel grinder tool w/ masonry disk, cut block units as needed.
Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

Block Cutting Note:
Using a concrete saw or wheel grinder tool with masonry disk, cut block units as needed.
**7th Course Isometric**

**Fireplace Note:**
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

**Keystone Visage Unit**
Cut to Allow for Fireplace (Both Sides)

**Fireplace Insert**

**Install This Block Unit Upside Down**
So the Block Channel is Facing Up

**Keystone Visage Units**
(Typ.)

**Install These Block Units Upside Down**
So the Block Channel is Facing Up

**6th Course Below**

**Fireplace Insert Should Fit Tight**
Against Back of Front Cut of Cut Unit (Both Sides)

**Block Cutting Note:**
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed.

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**7th Course Plan**

Dimensions:
- 88 1/4" ±
- 40 1/4" ±
- 43 1/8" ±
- 32" ±
- 2" Ea.
8th Course Isometric

Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

Keystone Visage Unit
Cut to Allow for Fireplace (Both Sides)

Fireplace Insert
Install These Block Units Upside Down So the Block Channel is Facing Up

Fireplace Tip Trim Piece Placement Note:
For proper removal of the top trim piece stainless steel face protective wrap prior to installing the top trim piece, peel back the bottom portion of the protective wrap where it will come in contact with the top of the fireplace. Using a Phillips head pattern screwdriver, loosen and remove existing firebox cabinet front top screws. Place supplied top trim piece across the front top of firebox cabinet aligning the top trim piece holes with the existing screw holes and flush with the front face of the firebox cabinet. Reinstall removed screws through the top trim piece and into the existing holes and secure the top trim piece to the fireplace cabinet.

Block Cutting Note:
Using a concrete saw or wheel grinder tool w/ masonry disk, cut block units as needed.

8th Course Plan

Fireplace Top Trim Piece Detail

Angle Screwdriver to Avoid Contact w/Upper Flange of Trim Piece
Nailing Flange
Firebox Cabinet
Fireplace Top Trim Piece
Caulk Top of Trim Piece w/Black Colored Caulk as Necessary Between Trim and Steel Lintel Above

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**Fireplace Note:**
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

**Block Steel Lintel Cutting Note:**
Position steel lintel to allow a minimum of ½” space between the steel lintel and the fireplace flue.

Prior to installing steel lintel, use a wheel grinding tool to notch out top of block creating a level shelf to place steel lintel, such that lintel is flush with top of cut block. Block units to be cut for steel lintel are shown with solid hatching.

**Steel lintel installer to remove the two (2) front S.S. top spacers on supplied fireplace insert that will conflict w/steel lintel. Remove screws and remove brackets, they will not be needed.**

**Fireplace Note:**
Install fireplace and chimney components as per fireplace manufacturers installation instructions.
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Block Cutting Note: Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.

Cantilever Support Block for Mantel Note: Install cantilever support blocks for the mantel upside down so the block channel is facing up. Pin holes from underside of inverted units should be used to attach the mantel piece w/lag bolts and washers.

Temporary Block Support Note: Build temporary support up from 3rd course hearth capping to support blocks resting on steel lintel using wood or other rigid support material until sufficient weight from courses above will safely hold steel lintel block in place, then remove temporary support.
**Fireplace Note:**
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

**Mantel Note:**
Mantel piece as per home owners interest.

Pin holes and channels in the cantilever blocks may be used to attach the mantel piece.

Attach mantel piece once fireplace and chimney build out is completed.

**For Wood Mantel:**
Once fireplace and chimney build out is completed, attach the mantel to the cantilever blocks using minimum ⅜” steel lag bolts w/washers to fasten to mantel above.
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Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

Cap Cutting:
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed. Cap units to be cut due to obstruction are labeled with solid hatching. Cap units to be cut to fit are labeled with angular hatching.
13th Course Isometric

Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

Block Cutting Note:
Using a concrete saw or wheel grinder tool with masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.

13th Course Plan
**Block Cutting Note:**
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**Fireplace Note:**
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Fireplace Note:
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Block Cutting Note:
Using a concrete saw or wheel grinder tool with masonry disk, cut block units as needed. Block units to be cut due to obstruction are labeled with solid hatching. Block units to be cut to fit are labeled with angular hatching.

Capping Support Angle / Cutting Note:
Purchase 1 1/2" x 1 1/2" - 14 gauge or stronger zinc plated slotted angles at your local big box store or equal. Cut angles to seat on top of block course and between angles on either side of chimney section as per plans. (See Slotted Angle Cutting Detail)
Coat angles with a primer or paint coating for corrosion protection prior to installation. Place concrete block adhesive on blocks at angle locations then place angle ends in adhesive to secure. Place adhesive on angles/blocks then place capping units as per plans.
Cap Cutting:
Using a concrete saw or wheel grinder tool w/masonry disk, cut block units as needed. Cap units to be cut due to obstruction are labeled with solid hatching. Cap units to be cut to fit are labeled with angular hatching.

Note:
Install storm collar over chimney and down to top capping course prior to installing chase termination cap. Seal as per fireplace manufacturers installation instructions.

Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.

COURSE BY COURSE INSTRUCTIONS

17th Course Capping w/Termination Cap

Keystone Cap Unit Cut to Fit
/ Cut to Allow for Chimney Section
Keystone Cap Units Cut to Fit
(Front and Back)
Installed Chimney Section
Install Chimney Storm Collar

Cap Cutting:
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Note:
Install storm collar over chimney and down to top capping course prior to installing chase termination cap. Seal as per fireplace manufacturers installation instructions.

Fireplace Note:
Install fireplace and chimney components as per fireplace manufacturers installation instructions.
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