# 36" Gas Outdoor Fireplace

## Kit Contains
- Steel Lintel
- Fireplace Trim Piece
- Fireplace Insert with Grate

## Basic Tools

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You will need:

111 - 16"/14"w Country Manor/Stonegate Large units
108 - 12"/10"w Country Manor/Stonegate Medium units
113 - 6"/4"w Country Manor/Stonegate Small units
82 - 12"/10"w Country Manor/Stonegate caps
570 - Interlocking Pins (approx.)
    (use where alignment allows)
1 - Mantel Piece (3"h x 70"w x 10"d)
1 - 36" Fireplace Insert
    (contact Keystone for specs & retail options)
25 - Tubes Exterior Grade Concrete Adhesive
    (apply two ¼" strips of concrete adhesive on each course)

Foundation system requirements, per local code (see pg. 4)

Notes:
• All Keystone Country Manor and Stonegate Country Manor units are 6" h x 10" d.
• Keystone recommends the use of its fiberglass pins when alignment allows. Use pins in conjunction with concrete adhesive to maximize stability of your structure.
**Fireplace Service Note:**
Plan and install gas and electrical service prior to and during construction as needed.

**Note:**
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 a interior perimeter unit to get the required outside dimension.
**2nd Course Isometric**

1st Course Below

**10” Hearth Extension**

**2nd Course Plan**

**3rd Course Isometric**

2nd Course Below

Cut to Allow for Fireplace (Both Sides)

**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.

**3rd Course Plan**
COURSE BY COURSE INSTRUCTIONS

Cap Unit Note:
This fireplace design uses Keystone Cap units. Units shown are dimensioned as follows:
Keystone Cap Unit:
- Cap Unit - 12"x10"
- Cap Unit is 11" in depth / 3" in Height

Cap Cutting:
Using a concrete saw or wheel grinder tool with a 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.

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.

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.
4th Course Isometric

Fireplace Insert

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

Fireplace Insert Should Fit Tight Against Back of Small End Units at Each Odd Numbered Course (Both Sides) (See Fireplace Installation Note)

3rd Course Hearth Capping

3rd Course Below

Unit Cut to Allow for Fireplace (Both Sides)

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

Fireplace Insert

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. 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.

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5th Course Isometric

Fireplace Insert

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

4th Course Below

Cut to Allow for Fireplace (Both Sides)

Fireplace Insert

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.
6th Course Isometric

Fireplace Note:
Install fireplace 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.

6th Course Plan

7th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

Cut to Allow for Fireplace
(Both Sides)

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.

7th Course Plan
COURSE BY COURSE INSTRUCTIONS

8th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturer's installation instructions.

Cut to Allow for Fireplace (Both Sides)

Install These Two Block Units 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. 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.

7th Course Below

Fireplace Insert Should Fit Tight Against Back of Small End Units at Each Odd Numbered Course (Both Sides)

Caulk Top of Trim Piece w/Black Colored Caulk as Necessary Between Trim and Steel Lintel Above

Angle Screwdriver to Avoid Contact w/Upper Flange of Trim Piece

Nailing Flange

Firebox Cabinet

Fireplace Front Face

8th Course Plan

Cut to Allow for Fireplace (Both Sides)

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

Install the Fireplace Top Trim Piece on Top of Fireplace (See Fireplace Top Trim Piece Placement Note/Detail)

Fireplace Insert

Fireplace Top 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.
9th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

Steel Lintel Req. to Support Load Above Fireplace Insert
(1.6" x 4" x 5/16" x 54" Long)

Cut Units for Steel Lintel
(Both Sides of Lintel)
(See Block Steel Lintel Cutting Detail/Note)

Notch Out Top of Blocks to Make Room for the Steel Lintel
(Both Sides of Lintel)
(See Block Steel Lintel Cutting Note)

Cut Units for Steel Lintel
(Both Sides of Lintel)
(See Block Steel Lintel Cutting Detail/Note)

Block Steel Lintel Cutting Detail

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

Block Steel Lintel Cutting Note:
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 and the inside edge of steel lintel is flush with back of cut block. Block units to be cut for steel lintel are shown with solid hatching.

9th Course Plan

Cut Units for Steel Lintel (Both Sides of Lintel)
(See Block Steel Lintel Cutting Detail/Note)

Steel Lintel Req. to Support Load Above Fireplace Insert
10th Course Isometric

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

**Temporary Block Support Note:**
Build temporary support up from 2nd 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 blocks in place, then remove temporary support.

**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.

10th Course Mantel Isometric

**Fireplace Note:**
Install fireplace 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 build out is completed.

For Wood Mantel:
Once fireplace build out is completed attach the mantel to the cantilever blocks using a minimum 3/8” steel lag bolts w/washers to fasten to mantel above.
11th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturer's installation instructions.

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.

11th Course Plan

12th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturer's installation instructions.

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.

12th Course Plan
12th Course Capping Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

Cap Unit Note:
This fireplace design uses Keystone Cap units.

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 as per fireplace manufacturers installation instructions.

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.
14th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

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.

15th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

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.
**15th Course Capping Isometric**

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

**Cap Unit Note:**
This fireplace design uses Keystone Cap units.

**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.

**15th Course Capping Plan**

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**16th Course Isometric**

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

**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.

**16th Course Plan**
COURSE BY COURSE INSTRUCTIONS

17th Course Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

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.

17th Course Plan

17th Course Capping Isometric

Fireplace Note:
Install fireplace as per fireplace manufacturers installation instructions.

Cap Unit Note:
This fireplace design uses Keystone Cap units.

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.

17th Course Capping Plan
Don’t forget to check out all of our Keystone Outdoor Living designs on keystonewalls.com.