

How-To Assemble Your

SERENITY 150

Outdoor Fireplace

PART NO. FPL-150

DIFFICULTY INTERMEDIATE

APPROX. DIM. 4'W x 4'4" D x 8'11" H

APPROX. WEIGHT 8,100 lbs.



GENERAL SHALE OUTDOOR LIVING PRODUCT WARRANTY

All General Shale Outdoor Living products are warranted to be made from high quality materials that meet or exceed ASTM material standards. Outdoor Living products are intended for recreational or residential use and are not warranted for any other purpose. The life of the product depends on correctness of installation and extent of usage. All metal components are subject to normal rust and corrosion.

ANY IMPLIED WARRANTIES ARE HEREBY DISCLAIMED AND ARE EXPRESSLY EXCLUDED.

Materials included with your outdoor kit.

- (164) Weathered Block “A” (4" x 8" x 16")
- (28) Weathered Block “B”(4" x 8" x 12")
- (6) Weathered Single Bullnose Block “B1” (4"x 8"x 14")
- (2) Weathered Block “C” (4" x 8" x 8")
- (14) Weathered Single Bullnose Block “C1”(4" x 8" x 8")
- (4) Weathered Bullnose Corner “C2” (4" x 8" x 8")
- (4) Weathered Single Bullnose Block “C5” (4" x 4" x 8")
- (8) Weathered Block “D” (4" x 8" x 4")
- (18) Non-Weathered Block “I” (4" x 8" x 16")
- (6) Non-Weathered Block “J” (1 5/8" x 8" x 16")
- (24) Firebrick (6 precut) (4" x 9" x 2 1/4")
- (1) Cast Rock Lintel (6" x 7 1/4" x 32")
- (2) Block Lintel (4" x 8" x 34 3/4")
- (1) Cast Rock Chimney Cap
- (2) Thin Set Mix

Additional materials required to install your kit.

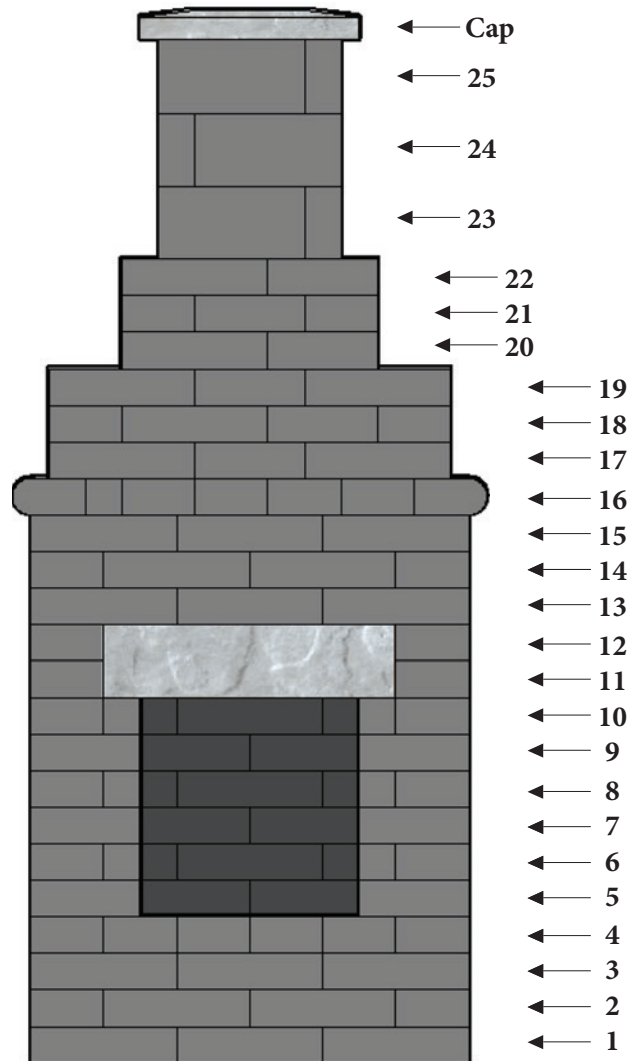
- Concrete or Gravel (for setting base)
- Level
- Tape Measure
- Rubber Mallet
- Small Trowel
- 5 gal. Mixing Bucket
- *Note: You may also use landscape adhesive (available separately) in place of supplied thin set mix.*

NOTE: Actual components may vary slightly. Some cutting may be required.

NOTE: The unit as shown in these instructions has been fire tested. Changes to the unit such as firebox size may affect unit performance

NOTE: This unit is designed for outdoor use only. This unit is not designed to be used on wood decks or under roof enclosures. Locate unit reasonable distance from any combustible materials. Comply with local building code(s) and burning permits as applicable. Retain these instructions with unit.

Course Numbers
(Referred to in following instructions)



Firebox Dimensions

NOTE: These dimensions are provided for customer information.

NOTE: Inside height is from top of fire brick to top of course 15.

Firebox Opening (Front): 24"W x 22"H ($\pm \frac{1}{4}$ ")

Inside* (Side to Side): 31 1/2"W x 40"H ($\pm \frac{1}{4}$ ")

Inside* (Front to Back): 24"D x 40"H ($\pm \frac{1}{4}$ ")

Chimney Opening (Top): 12"x 12"($\pm \frac{1}{4}$ ")

**Step
1**

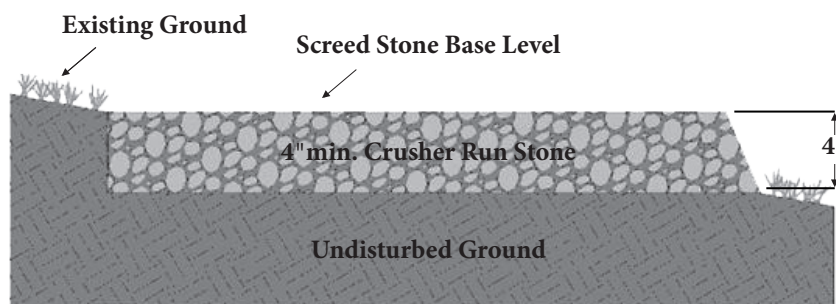
Create a level base using Crusher Run Stone to accommodate the overall footprint of the garden column.

- Prepare an area 4'4" wide x 4'8" deep.
- Remove sod and vegetation.
- Excavate/remove soft soil as required to provide level stone surface at a minimum of 4" deep.
- If required, use landscape blocks to retain stone base.
- If installing optional hearth/knee wall, extend base as required.

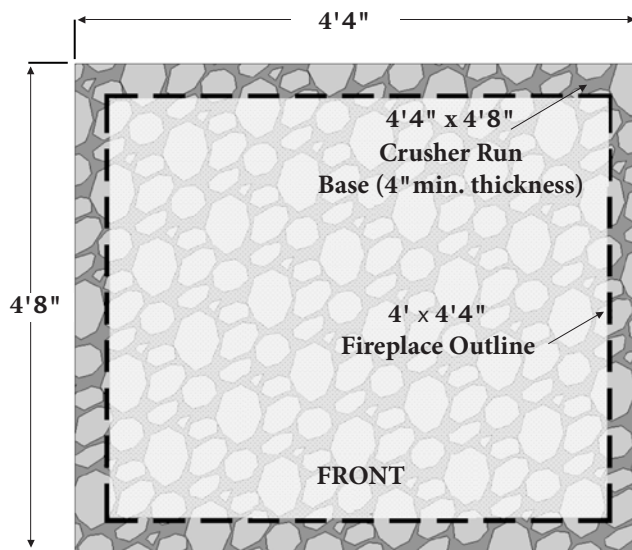


If soil under sod is hard, soil can be leveled out and used as a base material.

Reference diagrams for creating a level base.



(Base Section View)



(Base Plan View)

NOTE: All outdoor living kits can be installed directly on a properly prepared stone base. However, for best performance and appearance, a concrete pad is recommended.

**Step
2**

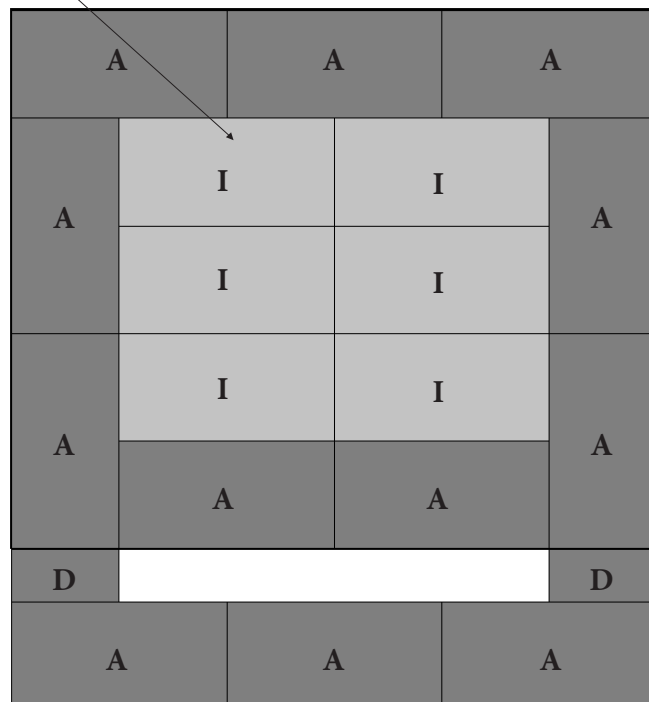
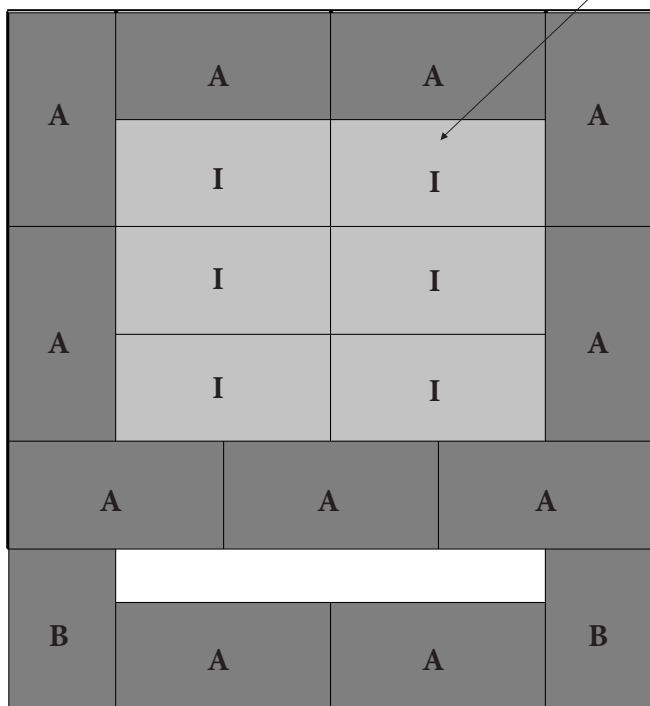
Build the fireplace (courses 1 through 3).

- Assemble the fireplace on a level setting base.

TIP *Dry stack courses 1 through 4 and check fit for fire brick before applying thin set. Adjust gap / position of "A" and "I" blocks to accommodate fire brick.*

- Use supplied thin set between all courses and all blocks.
- Adjust position of units and/or shim units as required to maintain uniform level and square courses. (NOTE: Pre-packaged shims, pieces of roof shingles or metal washers can be used as shims.)

Non-weathered block represented in lighter gray.



Courses 1 and 3*

- (11) Weathered Block “A” (4" x 8" x 16")
- (2) Weathered Block “B” (4" x 8" x 12")
- (6) Non-Weathered Block “I” (4" x 8" x 16")

Course 2

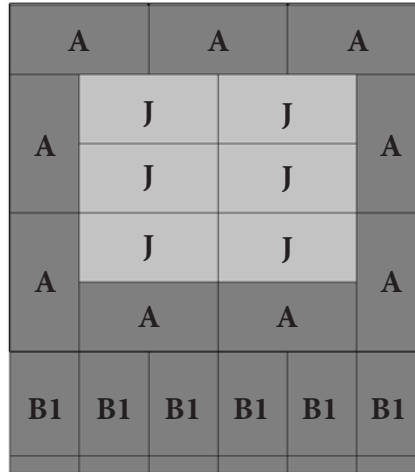
- (12) Weathered Block “A” (4" x 8" x 16")
- (2) Weathered Block “D” (4" x 8" x 4")
- (6) Non-Weathered Block “I” (4" x 8" x 16")

***Quantities per Course.**

**Step
3**

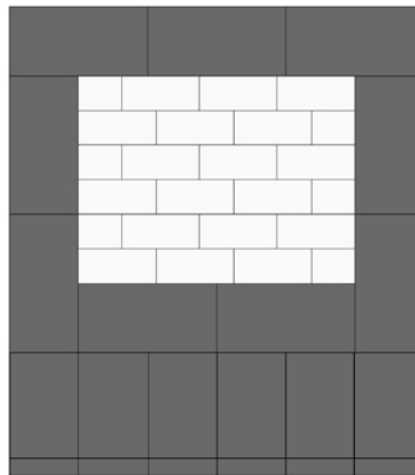
Build the fireplace (course 4).

- Use supplied thin set between all courses and all blocks.



Course 4

- (9) Weathered Block “A” (4" x 8" x 16")
- (6) Non-Weathered Block “J” (1 5/8" x 8" x 16")
- (6) Weathered Single Bullnose “B1” (4" x 8" x 14")



Course 4 - FireBrick

- (24) Fire Brick (4" x 9" x 2 1/4")

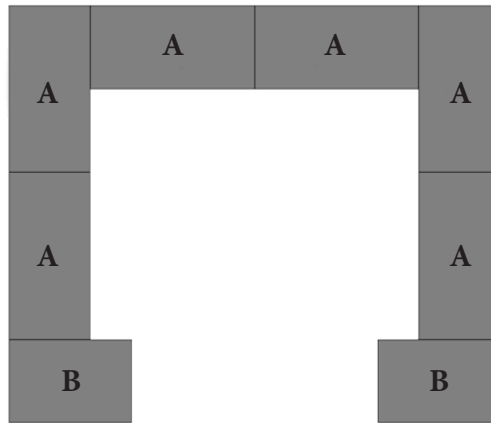
(*NOTE: Some fire brick are precut from the factory to fit properly. If desired, the “J” block can be left out of course 4 to make fire bricks sit lower than the surrounding “A” block.)

**Step
3**

Build the fireplace (courses 5 through 10).

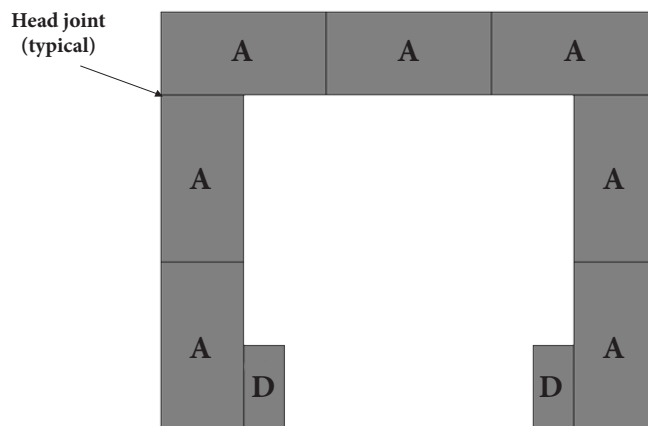
- Use supplied thin set between all courses and all blocks.

TIP *Apply thin set to head joints (vertical joints) on courses 5 through 10 (fire box area).*



Courses 5, 7 and 9

- (6) Weathered Block “A” (4" x 8" x 16")
- (2) Weathered Block “B” (4" x 8" x 12")



Courses 6, 8 and 10

- (7) Weathered Block “A” (4" x 8" x 16")
- (2) Weathered Block “D” (4" x 8" x 4")

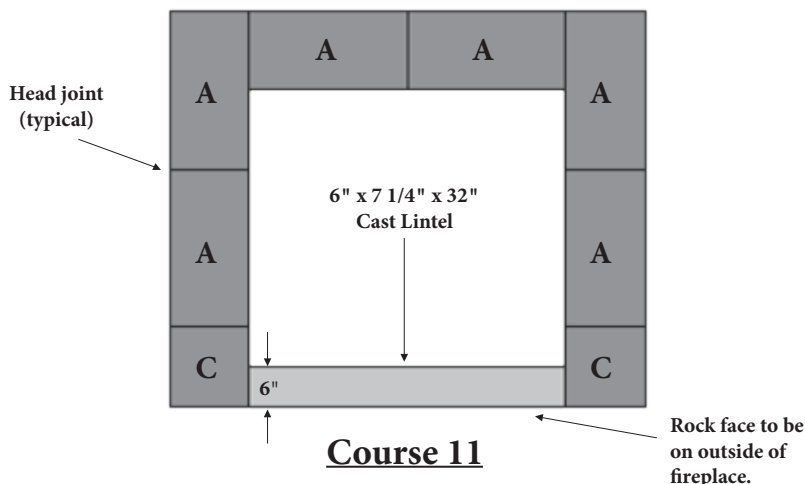
**Step
4**

Build the fireplace (courses 11 and 12).

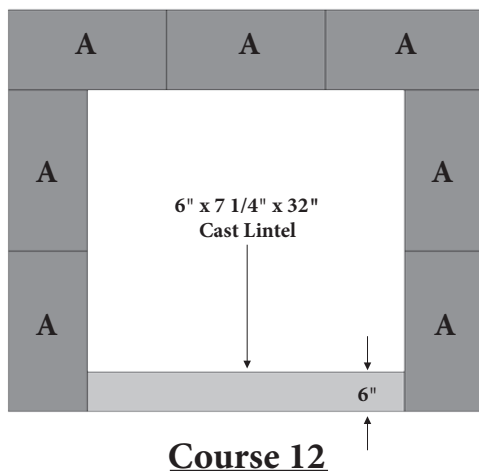
- Use supplied thin set between all courses and all blocks.
- Apply thin set to head joints (vertical joints) on course 11 (fire box area).

TIP *The 6" x 7 1/4" x 32" Cast Rock Lintel in courses 11 & 12 is shared between the two courses.*

TIP *Shim "A" block in course 12 as required so that height is flush with top of 6" x 7 1/4" lintel.*



- (6) Weathered Block “A” (4" x 8" x 16")
- (2) Weathered Block “C” (4" x 8" x 8")

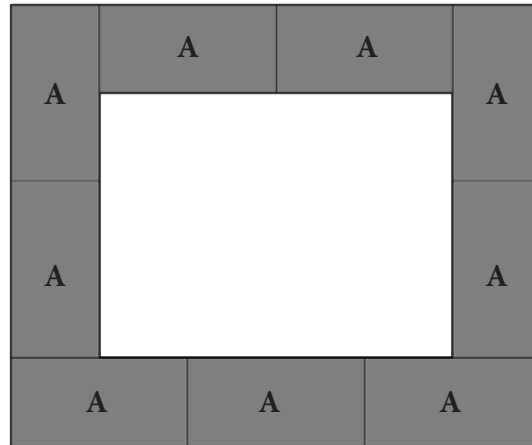


- (7) Weathered Block “A” (4" x 8" x 16")

**Step
5**

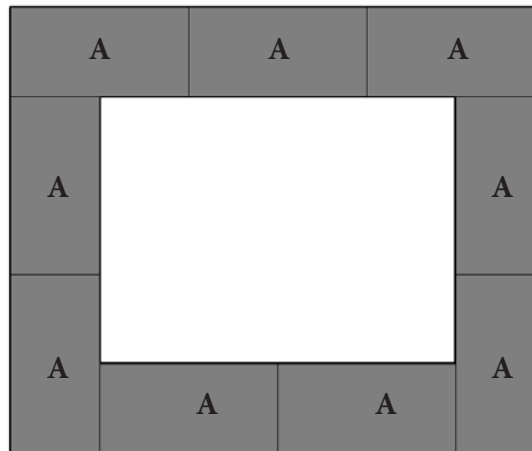
Build the fireplace (courses 13 through 15).

- Use supplied thin set between all courses and all blocks.



Courses 13 and 15

(9) Weathered Block “A” (4" x 8" x 16")



Course 14

(9) Weathered Block “A” (4" x 8" x 16")

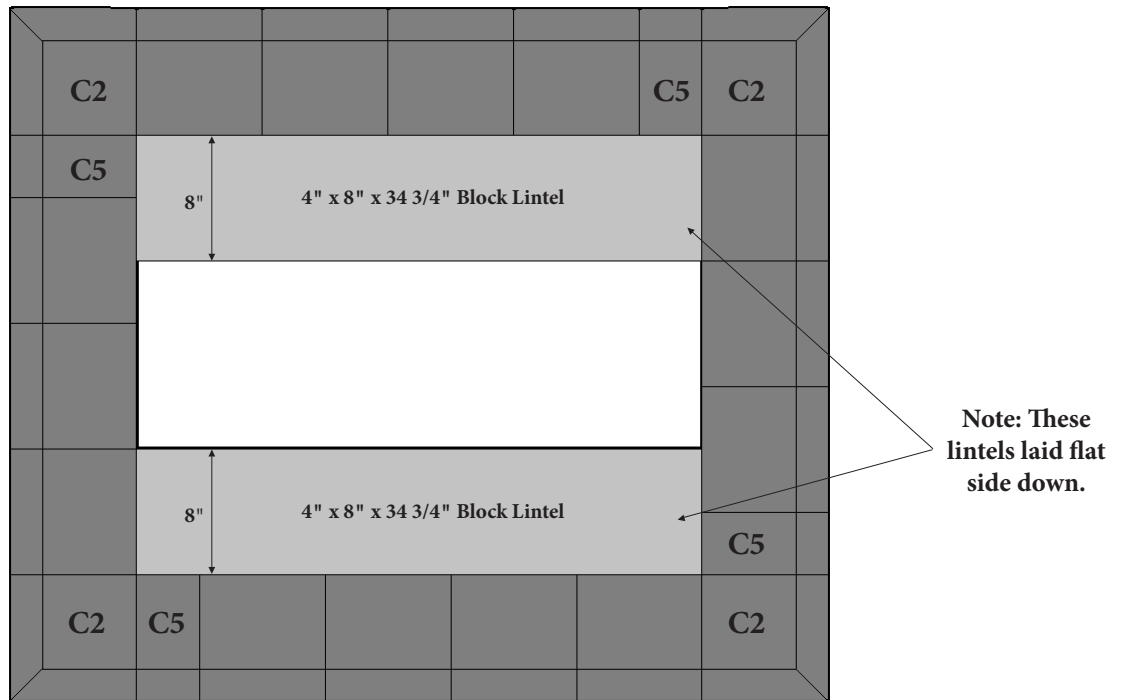
**Step
6**

Build the fireplace (course 16).

- Use supplied thin set between all courses and all blocks.

TIP All bullnose block in course 16 will overhang course 15 by 2 1/2" on all sides.

TIP Dry stack bullnose units and check fit before applying thin set.



Course 16 (All pieces are "C1" unless otherwise noted)

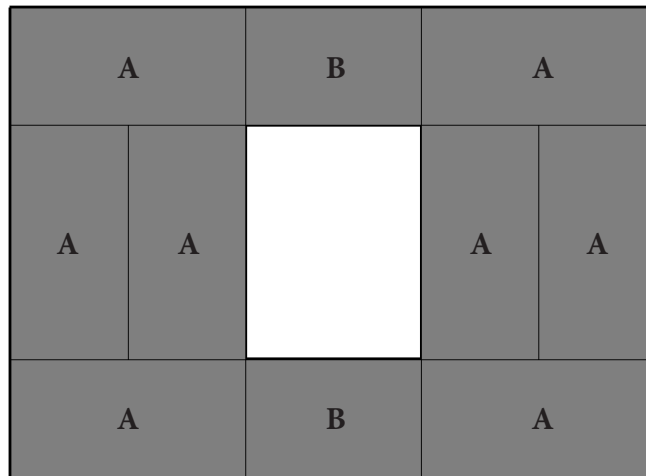
- (14) Weathered Single Bullnose “C1” (4" x 8" x 8")
- (4) Weathered Single Bullnose “C5” (4" x 4" x 8")
- (4) Weathered Bullnose Corner “C2” (4" x 8" x 8")
- (2) Block Lintels (shown in lighter gray) (4" x 8" x 34 3/4")

**Step
7**

Build the fireplace (courses 17 through 19).

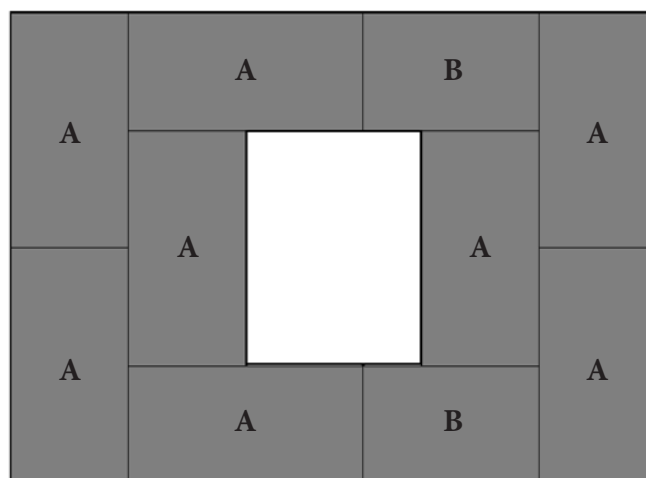
- Center all courses on the previous course to build chimney properly.
- Use supplied thin set between all courses and all blocks.

 **TIP** *Dry stack course 17 to ensure fit and position before applying thin set.*



Courses 17 and 19

- (8) Weathered Block “A” (4" x 8" x 16")
- (2) Weathered Block “B” (4" x 8" x 12")



Course 18

- (8) Weathered Block “A” (4" x 8" x 16")
- (2) Weathered Block “B” (4" x 8" x 12")

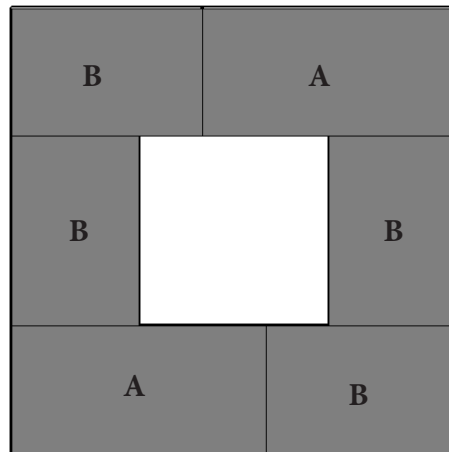
**Step
8**

Build the fireplace (courses 20 through 22).

- Center all courses on the previous course to build chimney properly.
- Use supplied thin set between all courses and all blocks.

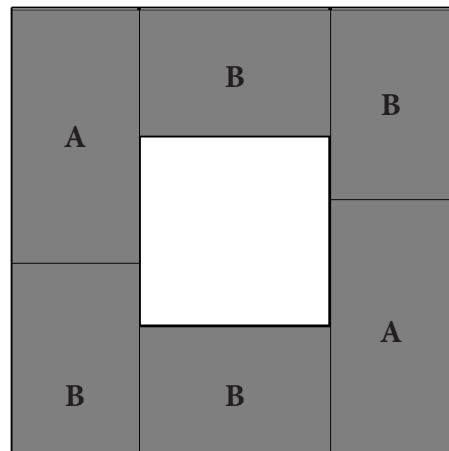


Dry stack course 20 to ensure fit and position before applying thin set.



Courses 20 and 22

- (2) Weathered Block “A” (4" x 8" x 16")
- (4) Weathered Block “B” (4" x 8" x 12")



Course 21

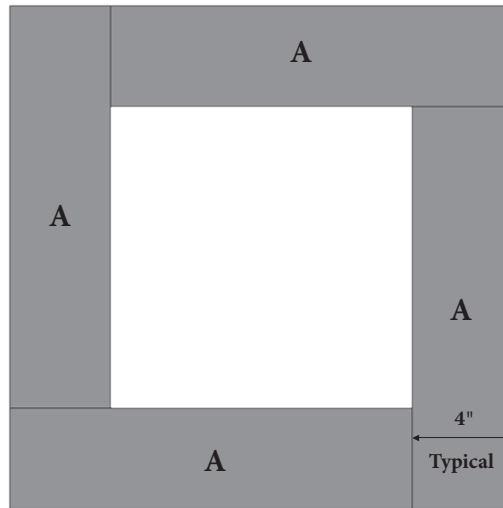
- (2) Weathered Block “A” (4" x 8" x 16")
- (4) Weathered Block “B” (4" x 8" x 12")

**Step
9**

Build the fireplace (courses 23 through 25).

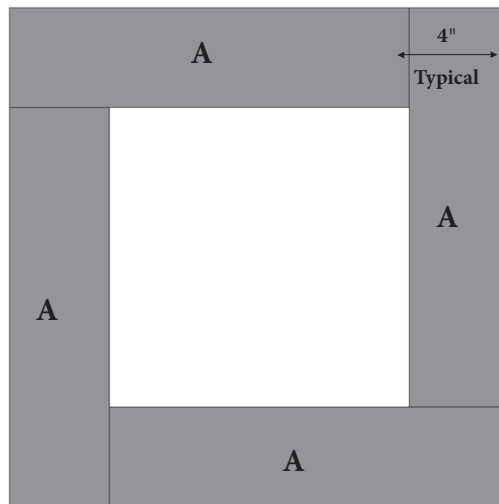
- Center all courses on the previous course to build chimney properly.
- Use supplied thin set between all courses and all blocks.

TIP *Dry stack courses 23 to ensure fit and position before applying thin set.*



Courses 23 and 25

(4) Weathered Block “A” (4" x 8" x 16")



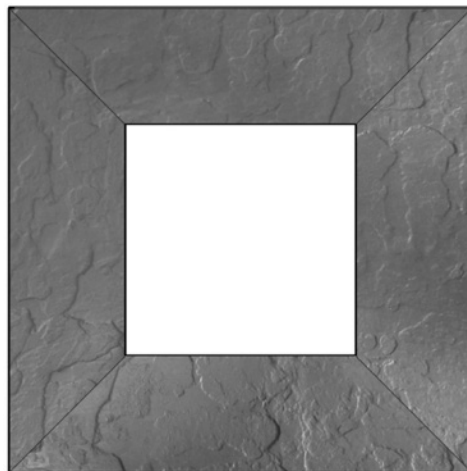
Course 24

(4) Weathered Block “A” (4" x 8" x 16")

**Step
10**

Build the fireplace (Cast Rock Chimney Cap).

- Set cap into place using thin set (centered on course 25).



Cast Rock Chimney Cap

**Step
11**

Tempering Recommendations:

- Wait 24 hours before building a fire in your fireplace kit.
- Build a few modest fires in the fireplace initially before building a fire at normal temperatures.
- During first few fires, some minor smoking may occur as the block and mortar dry out from the heat; this is normal.