barkman™

Caliber Stone

FIREPLACE SYSTEM

CANADIAN FAMILY-OWNED
SINCE 1948

IMPORTANT: READ PRIOR TO INSTALLATION

It is the responsibility of the consumer to read and follow the proceeding information

⚠ Warning

1. Failure to follow these instructions could result in fire or explosion, which could cause property damage, personal injury or death.
2. Improper installation or maintenance of this product may result in damage to property, injury or death.
3. Read the installation, operation and maintenance instructions thoroughly before installing or servicing this equipment.
4. Barkman Concrete Ltd. is not liable for any property damage or bodily injury caused by failure to follow the installation instructions, improper use of the product or any negligence or carelessness of the consumer.

Installation and Use

1. Follow CMHA guidelines while building a packed base. Alternatively pour a 4" poured in place with rebar base that extends at minimum 8" past the edge of the fireplace. Poor base preparation will void aspects of the warranty. See barkmanconcrete.com/why-barkman/warranty/.
2. Improper installation, adjustment, alteration, service or maintenance can cause injury, or property damage. Read the installation instructions thoroughly before installing the fireplace.
3. Do Not touch areas if fire is burning, severe burning may result. Clothing ignition may result.
4. Carefully supervise children near the fireplace.
5. Keep clothing, furniture, draperies and other combustibles away from the fireplace.
6. Fireplace is for outdoor use only. Place the fireplace in an area where wind won't disturb the flames.
7. Do Not obstruct the opening of the fireplace, or otherwise obstruct the flow of air.
8. Firebox-related fire can occur when there is a failure to maintain the required clearances (air spaces) to combustible materials.
9. Certain steps in the installation process will require more than one person.
10. Curing is crucial to the operation of your fireplace. Be sure to follow the direction on page 3 of the instruction guide.
11. Plan to install the fireplace a week before intended use to allow enough time for the curing process.
12. Never leave the fireplace unattended when in use.
13. We strongly recommend the installation of a steel fireplace grate on the floor of the fireplace before starting to make fires. This makes it easier to ignite the fire, directing heat away from the floor which extends the life of the floor by inhibiting the formation of small cracks from excess heat. These grates are available at hardware and building supply outlets.

Dangers of Fire

1. If the information in these instructions is not followed exactly, a fire or explosion may result in property damage, injury or death.
2. Beware of flying sparks from mouth of the firebox. Make sure that no combustible materials are within range of fireplace at any time.
3. Beware of extremely high temperatures in the fireplace when in use and for hours after use. Do not put unprotected hands or arms inside while the fireplace is lit.
4. Do not use charcoal, pressure treated lumber, chipped wood products, sappy wood (such as pine), laminated wood, or any material other than dry medium or hard natural firewood.
5. Do not use liquid fuel (firelighter fluid, Gas line, kerosene or similar liquids) to start or maintain a fire.

Proximity to Buildings and Other Combustible Materials

1. The fireplace should be installed and used in accordance with the by-laws, regulations, local building codes and laws of your jurisdiction. Please confirm that use of this product is in compliance with the by-laws, regulations and laws of your jurisdiction before installing or using it.
2. Make sure that you locate your respective gas lines, wires, water pipes, and/or any above ground and underground services in your area and install your fireplace in the proper distance away from them. Check with your provider for location and distance requirements prior to installation.
3. This manual must be kept by the customer as long as they own their fireplace kit.
4. Check with your insurance provider concerning the installation, use, value implications and/or any other considerations in regards to your fireplace kit.

Fire Warning

1. Do not use landscape silicone to seal firebricks. Only use silicone to fill in the gaps between the blocks.
2. Do not overload wood in the fireplace when in use.

AFTER INSTALLATION

Curing Instructions

Upon installation of your new fireplace, there are still small amounts of moisture needing to work their way out of the fireplace. If you immediately begin to build large fires in your fireplace, you will compromise your fireplace longevity and can ultimately cause damage, including cracking. It is then important to build fires slowly to cure the fireplace in preparation for use.

The first day of firing, the temperature should stay close to 100˚C without exceeding it. A suggested way to do so is by building a fire in a separate location, and placing the hot coals into the fireplace floor. Gradually build up from this point to larger and larger fires for 4-5 days.

Due to thermal expansion, surface cracks may appear in the firebox. This is normal, and will not affect the quality of your fireplace.

Operating Instructions

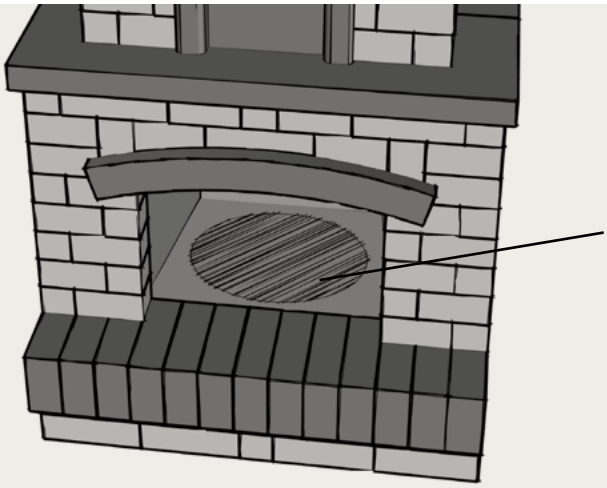
Your fireplace is designed to be used with natural, dry wood products only. **DO NOT USE:** charcoal, pressure treated lumber, chipped wood products, sappy wood (such as pine), laminated wood, or any material other than medium or hard natural firewood. Using wood that is not dry will cause the fireplace to emit a considerable amount of smoke and could also cause permanent damage.

⚠ **WARNING: DO NOT ADD ANY ACCELERANTS OR OTHER NON-WOOD PRODUCTS FOR FIRING**, as this can compromise the integrity of the fireplace firebox, leading to risk of product failure and personal injury. Make sure to avoid extreme heat when in use to prolong the life of your fireplace.

DO NOT USE LIQUID FUEL (firelighter fluid, Gas line, kerosene or similar liquids) to start or maintain a fire. Do not use water to lower the temperature or extinguish fire in a fireplace.

Size of fire should never be bigger than the back of the firebox.

DO NOT BUILD THE FIRE SO THAT FLAMES EXIT THE FIREBOX OPENING. See illustration below.



Fire should be limited to within the firebox, as the shaded circle shows.

Maintenance Instructions

1. Make sure that your fireplace is completely cool before inspecting and cleaning it. If fire previously made was a large one, probe through the ashes with a poker or fireplace shovel. Slowly shovel the ashes into a metal container with a tight-fitting lid. This container should be stored on a non-combustible surface, away from fire hazards. Ensure ashes are completely cold before disposing of them appropriately.

2. Use a wire brush to clean the firebox floor.
3. If you have doubts on your ability to clean the fireplace, have it cleaned by a professional. If you were to clean it yourself, make sure to use a brush to clean the inside and outside of your fireplace.
4. If smoke marks begin to appear on the exterior of the fireplace, apply the provided silicone to the interior of the fireplace to fill in any gaps between the Caliber Stone blocks.

Caliber Stone Fireplace System

The Caliber Stone Fireplace System is a versatile 16-in-1 modular kit that enables the creation of 16 unique fireplace designs.

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Each Kit Requires:

3 PALLETS OF CALIBER STONE

72 pieces of Caliber Stone Sterling per pallet

1 PALLET OF SYSTEM COMPONENTS

(24) Caliber Stone Sterling cut pieces (4"x 4"x 8")

(2) Caliber Stone Sterling cut pieces (4"x 8"x 8")

(2) Charcoal wet-cast mantel pieces (9"x 4"x 44")

(4) Charcoal wet-cast panels (24"x 42"x 2")

(1) Install Guide, Gloves, Glue, and Shims

(1) Spark arrestor

(1) Firebrick

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1

CLOSED FIREBOX

DIFFICULTY
BEGINNER

INSTALLATION
1-2 PEOPLE

BENEFITS
WOOD STORAGE

KIT SIZE
90H" X 96W" X 42D"

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

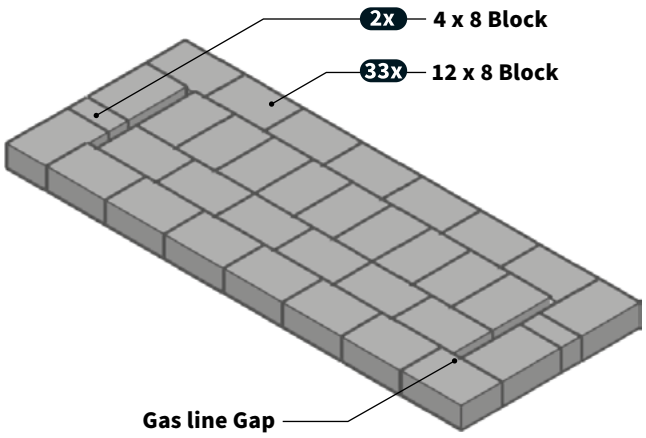
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the first layer using the provided shims. Place shims under this layer. Ensure your level glides smoothly across it without snags.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(33) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



2

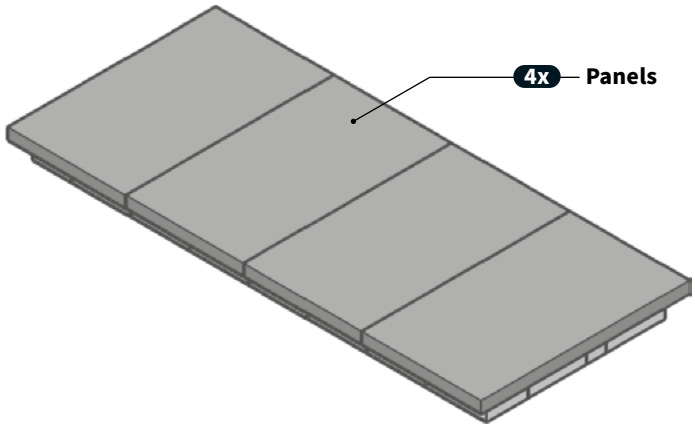
A. PLACE AND CENTRE THE PANELS
Centre 4 panels on the first layer with the smooth side facing up.

⦸ Do not use any shims under the panels. If you notice some wobbling use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: If you are using a gas burner you will either need to drill through these panels or come in through the back.

Materials Used:
(4) Panels



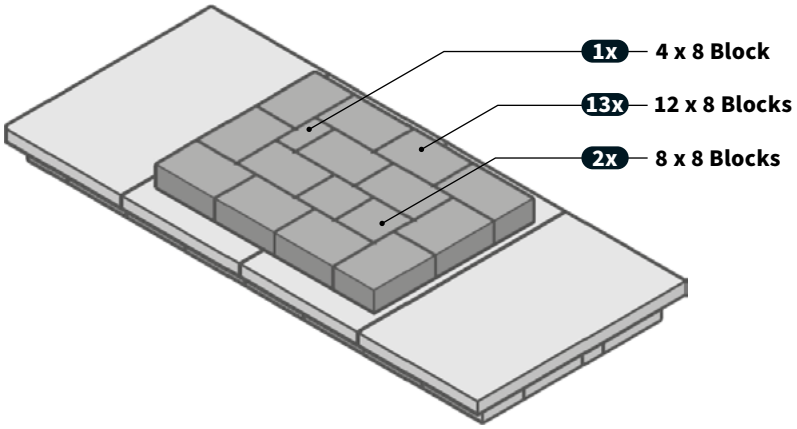
3

A. LAY THE SECOND BLOCK LAYER
⦸ Do not use any shims underneath this layer to avoid causing a point load on the panel below.

B. ENSURE THE LAYER IS CENTRED
This layer sits 5" from the front and back of the panels. As well as 26" from the ends of both panels on both sides.

Note: If using a gas burner, remove or drill through one block as required for the gas line.

Materials Used:
(13) 12" x 8" x 4" Blocks
(2) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4"Blocks



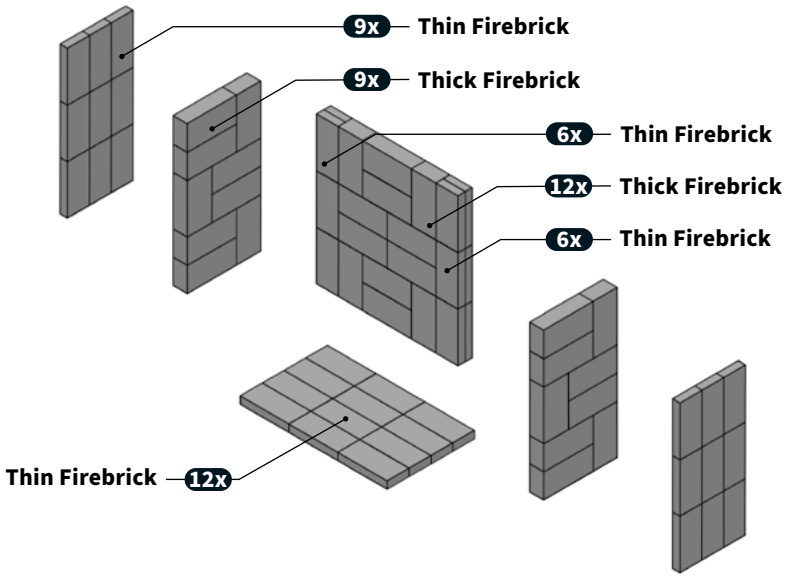
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone, layer by layer and should not be left till the end.

Materials Used:
(42) Thin Firebrick
(30) Thick Firebrick



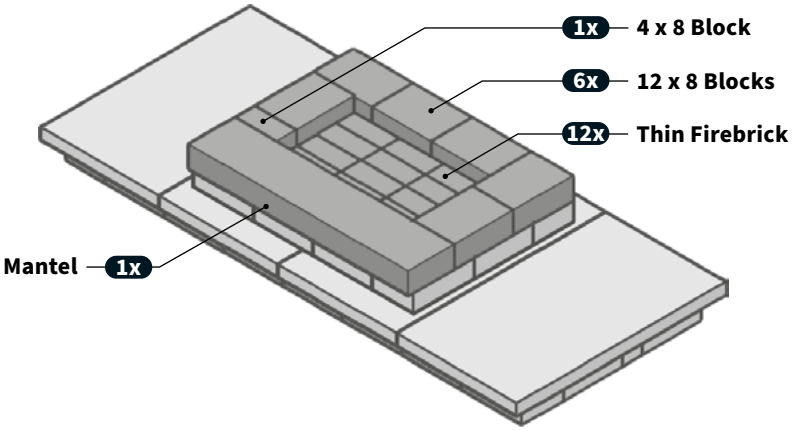
5

A. LAY THE THIRD BLOCK LAYER
Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

B. PLACE FIREBRICK
Place the thin firebrick on the floor as shown in step 4.

Note: Cut down or remove blocks to make way for the gas line if using a gas burner.

Materials Used:
(6) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(12) Thin Firebrick
(1) Mantel

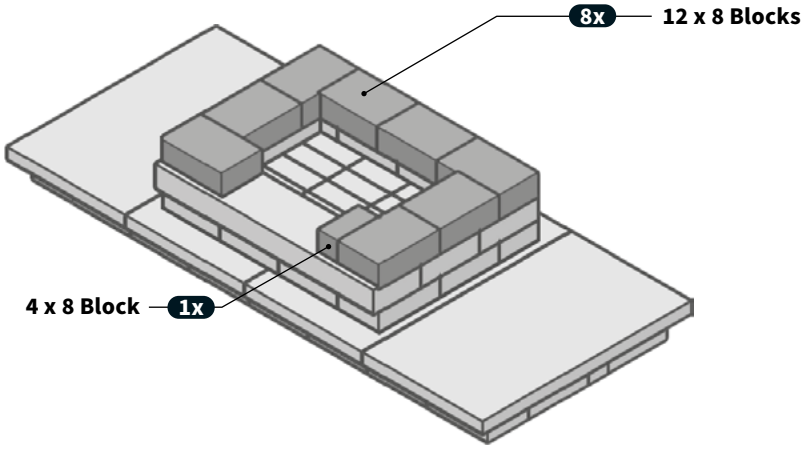


6

A. LAY THE FOURTH BLOCK LAYER
Level as necessary.

B. LEVEL AND SHIM AS NEEDED
From this step on, check the level to make sure your walls do not bow in or out.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks

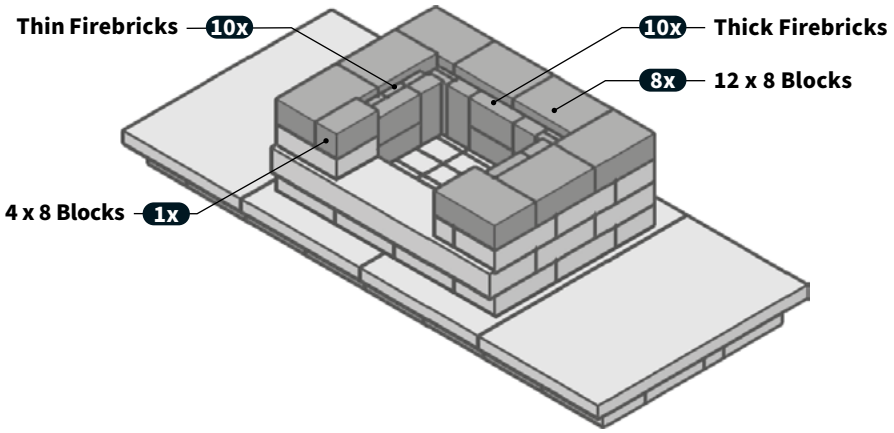


7

A. LAY FIFTH BLOCK LAYER
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(10) Thick Firebrick



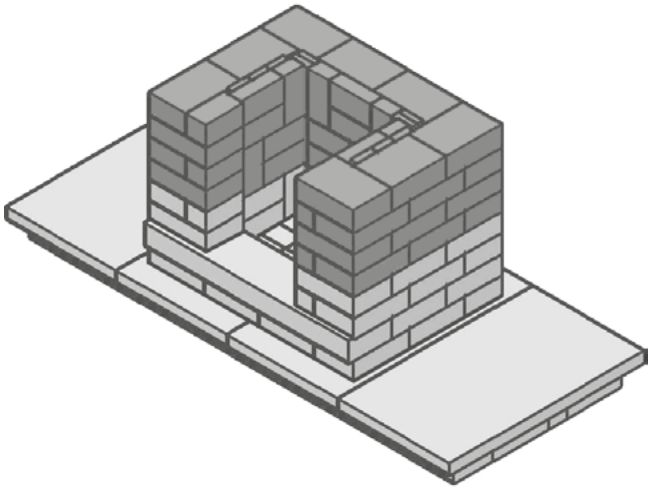
8

A. REPEAT STEPS 6 & 7
Repeat the last two steps until there is a total of 6 layers above the mantel.

B. FINISH FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Note: Continue to confirm level and measure to make sure your fireplace is not bowing to either side in the front.

Materials Used:
(32) 12" x 8" x 4"Blocks
(4) 4" x 8" x 4" Blocks
(32) Thin Firebrick
(20) Thick Firebrick

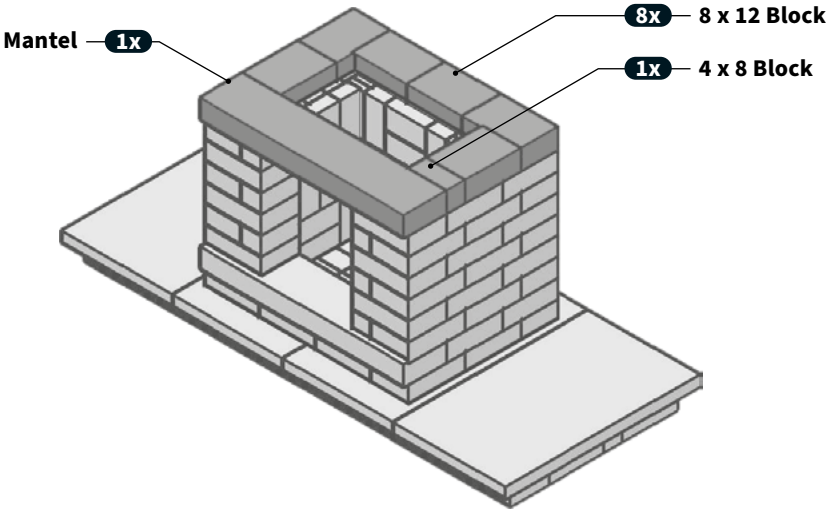


9

A. LAY THE TENTH BLOCK LAYER
Lay pattern as shown. Place the mantel with the "this side down" text facing downward. The mantel should overhang to the front by 1"

B. MANTEL PLACEMENT
The mantel should line up with the ends of the Caliber Stone on both sides. Tap blocks and level walls if they do not line up with the mantel.

Materials Used:
(6) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4"Blocks
(1) Mantel



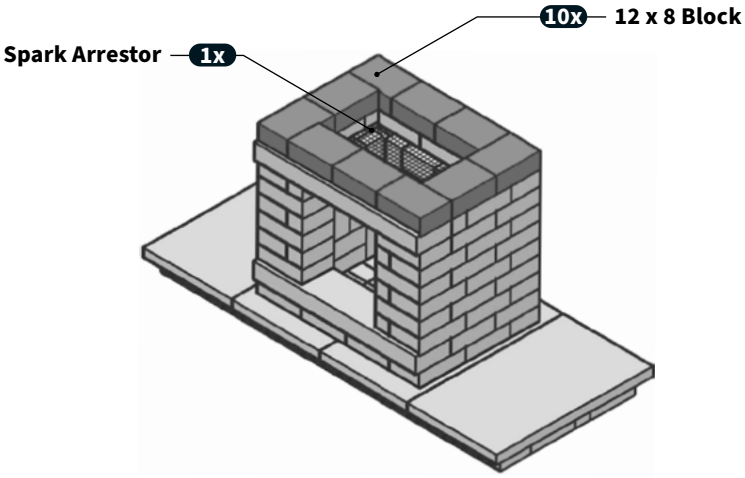
10

A. LAY THE ELEVENTH BLOCK LAYER
Place the next layer as shown.

B. LEVEL AS NEEDED
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Optional: Snip the wire mesh spark arrestor to 29"x17" and place above firebrick. This will be held in place by friction.

Materials Used:
(10) 12" x 8" x 4" Blocks

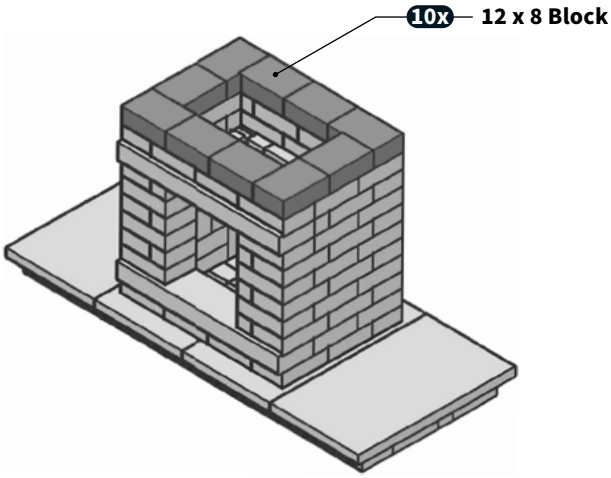


11

A. LAY THE TWELFTH BLOCK LAYER
Place the next layer as shown.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Materials Used:
(10) 12" x 8" x 4" Blocks



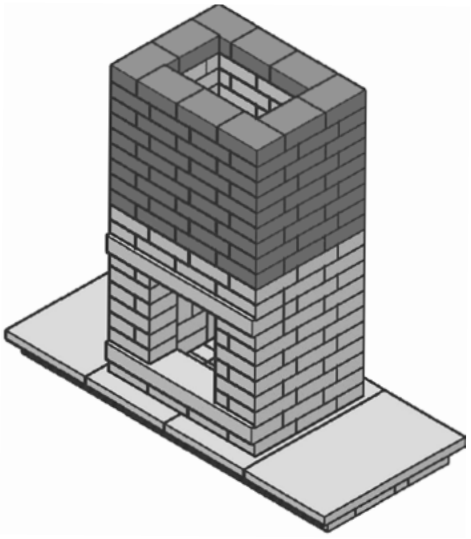
12

A. REPEAT STEPS 10 & 11
Repeat the last two steps until you are 11 layers above the top mantel. Avoid shims if possible.

B. SILICONE THE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used:
(90) 12" x 8" x 4" Blocks



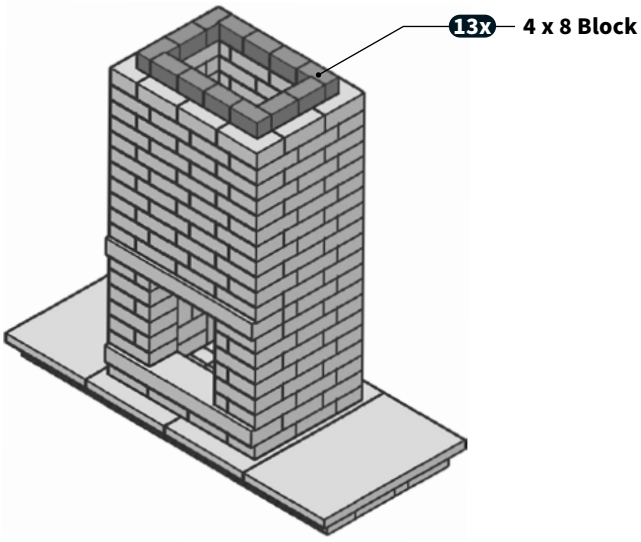
13

A. LAY THE FINAL BLOCK LAYER
Apply the final layer as shown. Be mindful that the layer below was siliconed so it may have a small tendency to slide.

B. SILICONE THE TOP LAYER
Silicone this last layer in place with a continuous bead so that each piece is well secured once dry.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(13) 4" x 8" x 4" Blocks



1

OPEN FIREBOX

DIFFICULTY
BEGINNER

INSTALLATION
1-2 PEOPLE

BENEFITS
WOOD STORAGE

KIT SIZE
86H" X 96W" X 42D"

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

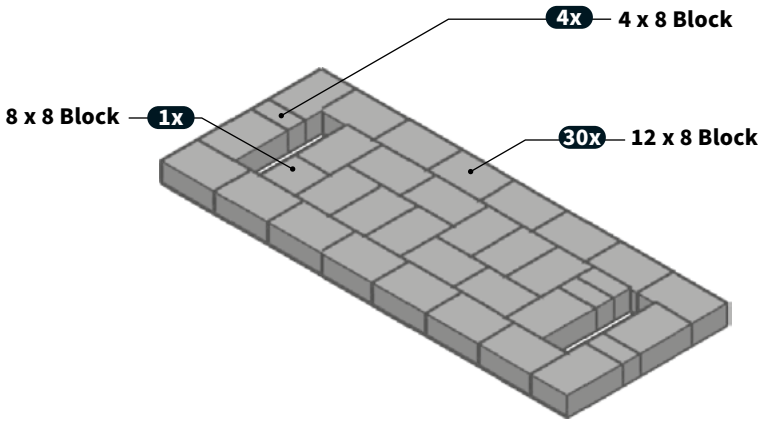
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the first layer using the provided shims. Place shims under this layer. Ensure your level glides smoothly across it without snags.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(30) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks

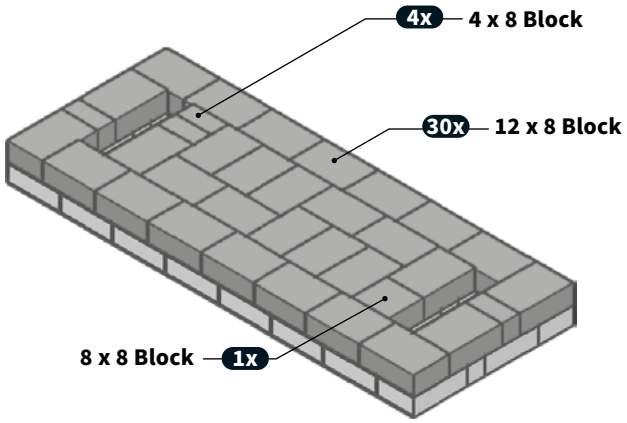


2

A. LAY THE SECOND BLOCK LAYER
The gaps on the sides should be lined up with the gaps below so that the top blocks do not overhang.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the second layer using the provided shims. Place shims under this layer. Ensure your level glides smoothly across it without snags.

Materials Used:
(30) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks



3

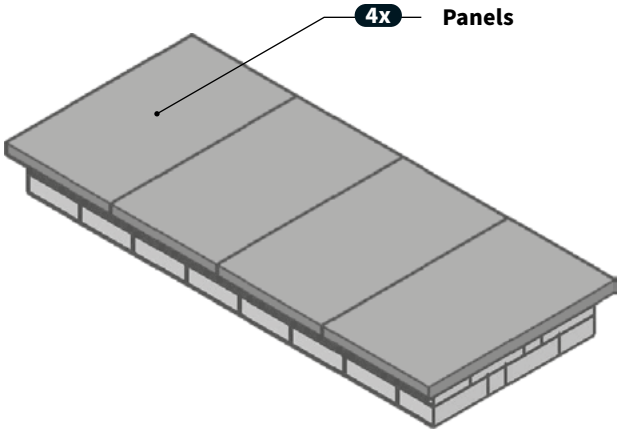
A. PLACE AND CENTRE THE PANELS
Centre 4 panels on the second layer with the smooth side facing up.

⃠ Do not use any shims under the panels. Shims may cause cracking. If you notice some wobbling, use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: Confirming level is essential. It is best to avoid using shims as much as possible going forward.

Materials Used:
(4) Panels



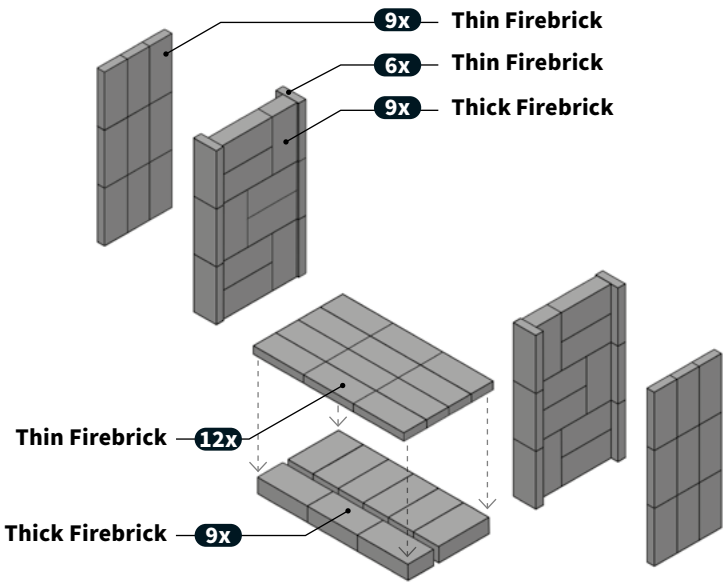
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone, layer by layer and should not be left till the end.

Materials Used:
(42) Thin Firebrick
(27) Thick Firebrick



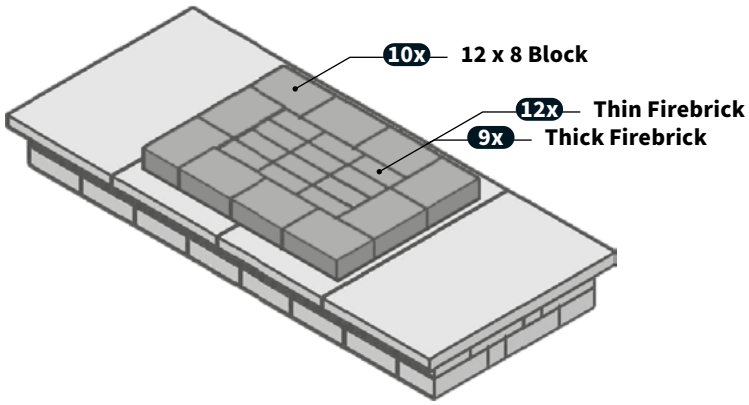
5

A. LAY AND CENTRE THE THIRD BLOCK LAYER
This layer sits 5" from the front and back of the panels. As well as 26" from the ends of both panels on both sides.

B. BEGIN LAYING THE FIREBRICK
Place the thick firebrick first as shown in step 4, then place the thin firebrick floor.

Note: A small gap between the firebrick and walls on both sides is okay. The gaps will be covered by the vertical firebrick in the next few steps.

Materials Used:
(10) 12" x 8" x 4" Blocks
(12) Thin Firebrick
(9) Thick Firebrick

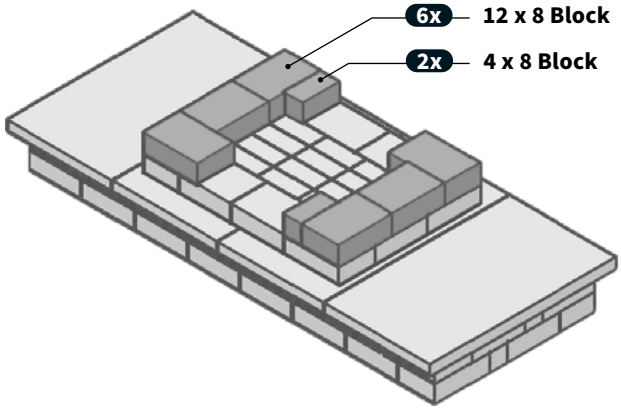


6

A. LAY THE FOURTH BLOCK LAYER
Level as necessary.

B. LEVEL AND SHIM AS NEEDED
From this step on, check the level to make sure your walls do not bow in or out.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



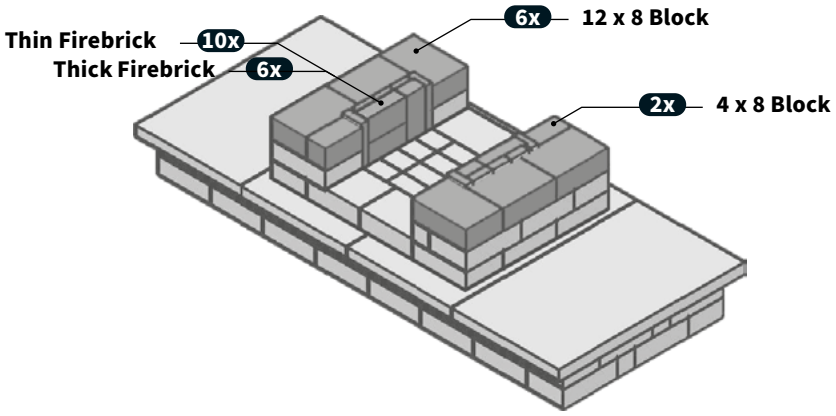
7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown. Silicone can be used if pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



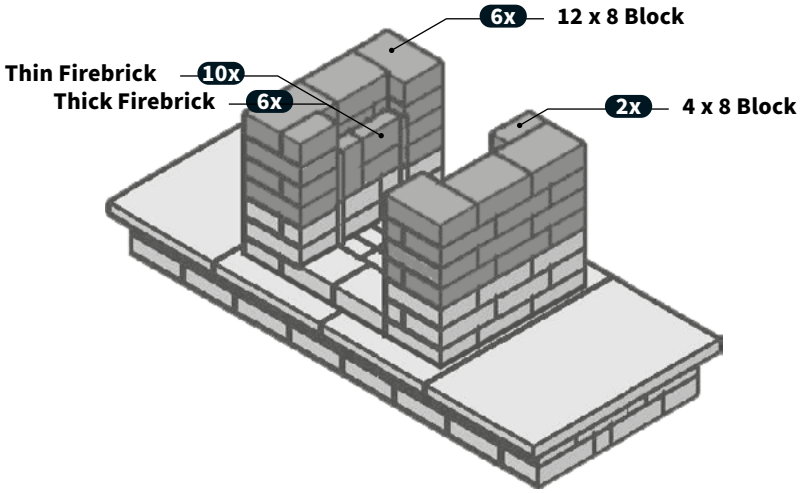
8

A. REPEAT STEPS 6 & 7
Repeat the last two steps until you have a total of 6 layers above the base layer with the firebrick floor.

B. LAY THE FIREBRICK WALLS
Place the next two rows of firebrick as shown. Silicone can be used if pieces feel loose.

Note: Continue to confirm level and measure to make sure your fireplace is not bowing to either side in the front.

Materials Used:
(24) 12" x 8" x 4"Blocks
(8) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



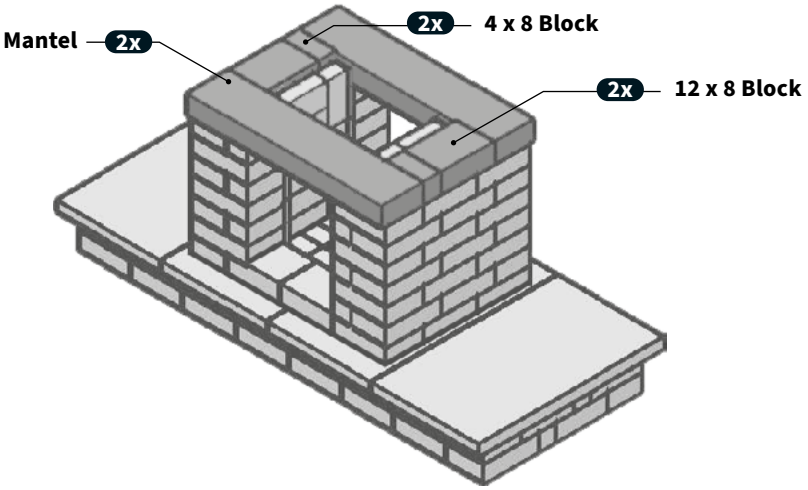
9

A. LAY THE TENTH BLOCK LAYER
Lay pattern as shown. Place the mantels with the "this side down" text facing downward. The mantels should overhang to the front and back by 1"

B. MANTEL PLACEMENT
The mantel should line up with the ends of the Caliber Stone on both sides.Tap blocks and level walls if they do not line up with the mantel.

C. FINISH FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Materials Used:
(2) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4"Blocks
(2) Mantels
(10) Thin Firebrick
(6) Thick Firebrick



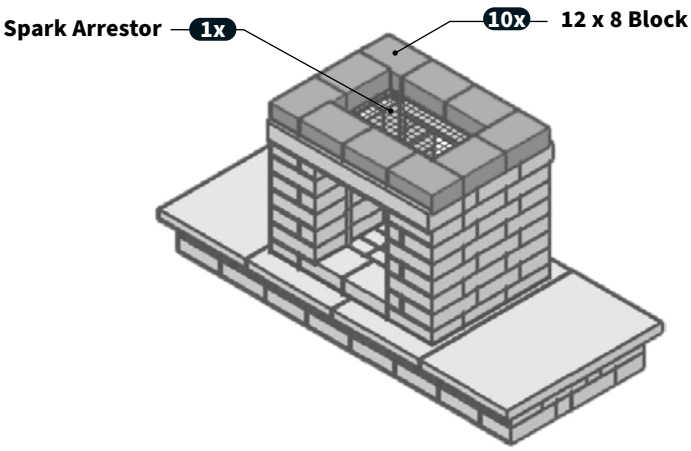
10

A. LAY THE ELEVENTH BLOCK LAYER
Confirm that the mantels still overhang by 1" on both sides.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Optional: Snip the wire mesh Spark Arrestor to 29"x17" and place above firebrick. This will be held in place by friction.

Materials Used:
(10) 12" x 8" x 4" Blocks

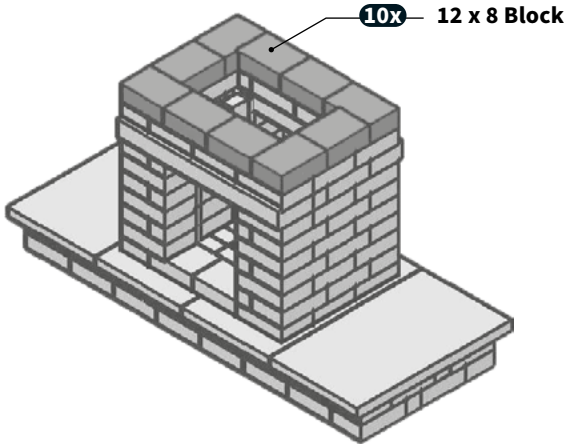


11

A. LAY THE TWELFTH BLOCK LAYER
Do not use any silicone as it will make the units want to slide.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Materials Used:
(10) 12" x 8" x 4" Blocks



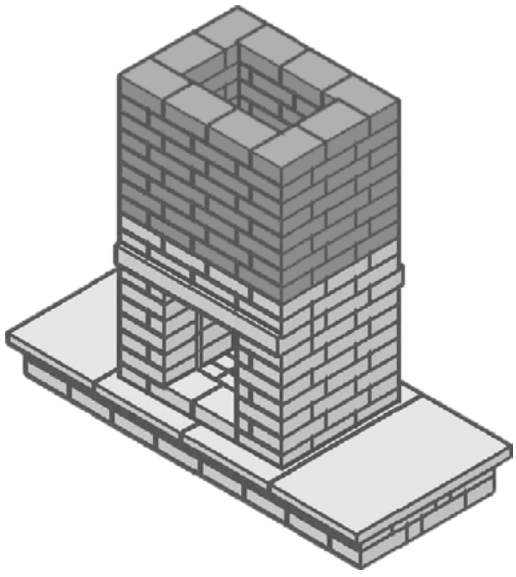
12

A. REPEAT STEPS 10 & 11
Repeat the last two steps until you are 10 layers above the top mantel. Avoid shims if possible.

B. SILICONE THE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used:
(80) 12" x 8" x 4" Blocks



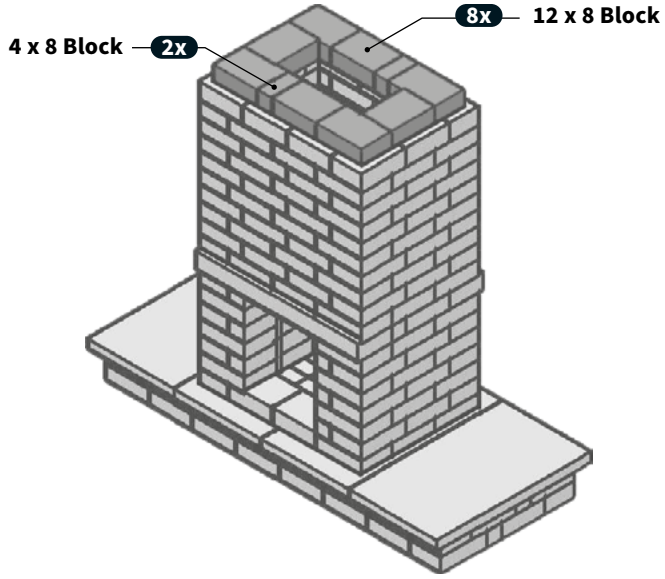
13

A. LAY THE FINAL BLOCK LAYER
Apply the final layer as shown. Be mindful that the layer below was siliconed so it may have a small tendency to slide.

B. SILICONE FINAL LAYER
Silicone this last layer in place with a continuous bead so that each piece is well secured once dry.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



2

CLOSED

DIFFICULTY
BEGINNER

INSTALLATION
1-2 PEOPLE

BENEFITS
WOOD STORAGE

KIT SIZE
90H" X 96W" X 42D"

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

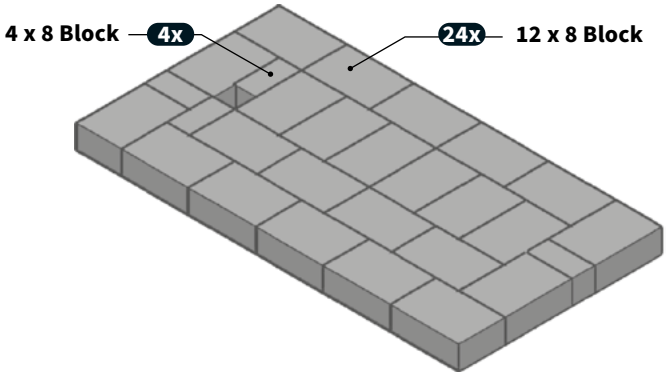
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the first layer using the provided shims. Place shims under this layer. Ensure your level glides smoothly across it without snags.

Note: The gap is for a potential gas line and can be shifted to where the line enters.

Materials Used:
(24) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks



2

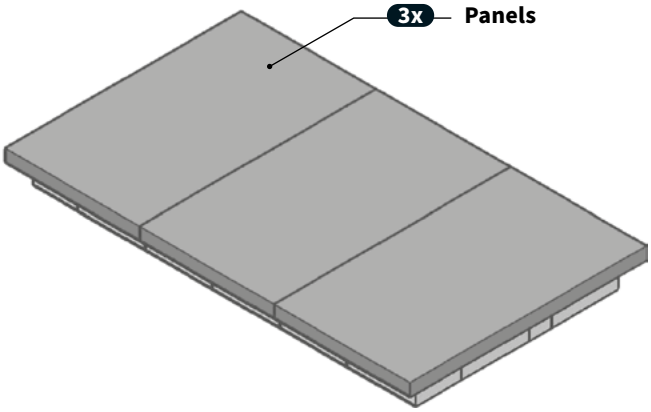
A. PLACE AND CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⦸ Do not use any shims under the panels. If you notice some wobbling use silicone or re-level the layer below.

B. CHECK THE OVERHANG
On both sides the panels overhang 2", and on the front and back they overhang 3".

Note: If you are using a gas burner you will either need to drill through these panels or come in through the back.

Materials Used:
(3) Panels



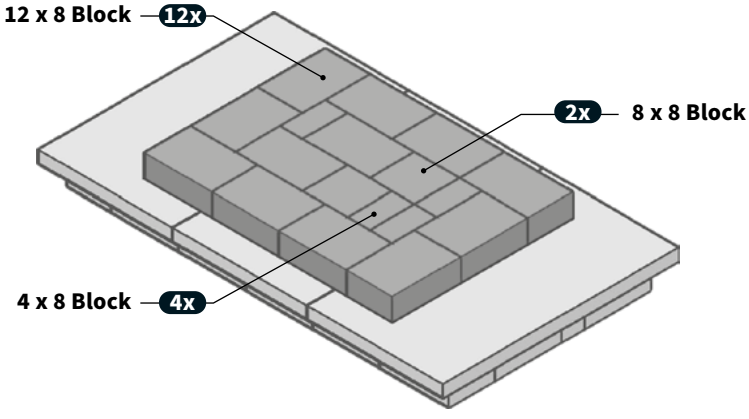
3

A. LAY AND CENTRE THE SECOND BLOCK LAYER
⦸ Do not use any shims underneath this layer to avoid causing a point load on the panel below.

B. MEASURE AND PLACE
This layer sits 5" from the front and back of the panels. As well as 14" from the ends of both panels on both sides.

Note: If using a gas burner, remove or drill one block as required for the gas line if coming from underneath.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 8" x 8" x 4" Blocks
(4) 4" x 8" x 4"Blocks



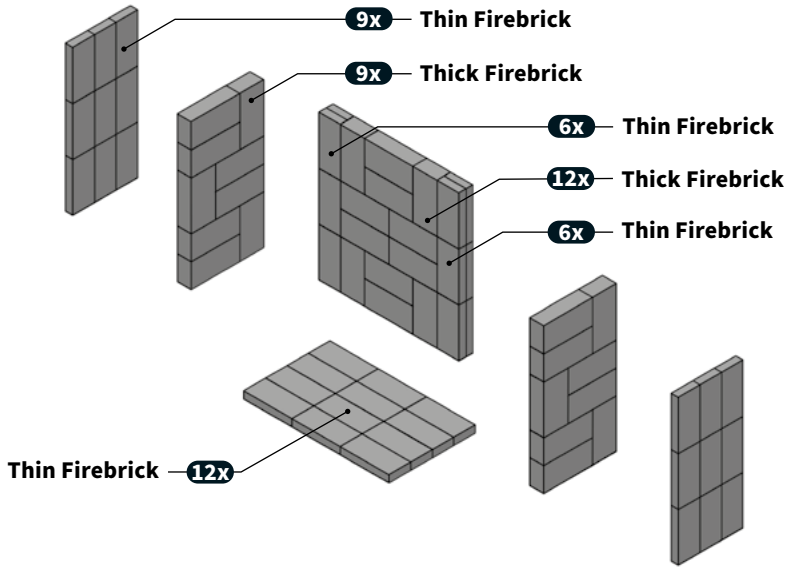
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone, layer by layer and should not be left till the end.

Materials Used:
(42) Thin Firebricks
(30) Thick Firebricks

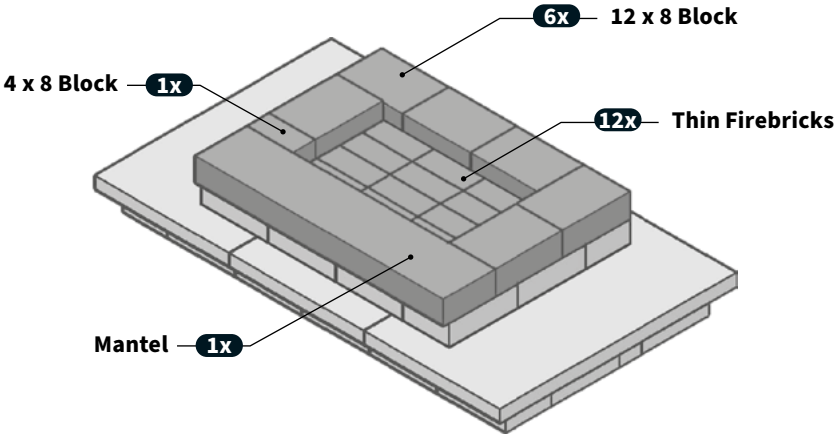


5

A. LAY THE THIRD BLOCK LAYER
Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. Use thin firebrick for the firebox floor.

Materials Used:
(6) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(12) Thin Firebricks
(1) Mantel



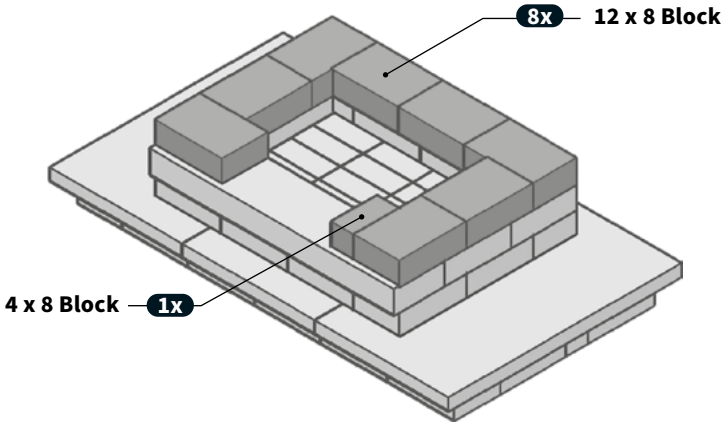
6

A. LAY THE FOURTH BLOCK LAYER
Level as necessary.

B. LEVEL AND SHIM AS NEEDED
From this step on, check the level to make sure your walls do not bow in or out.

Note: Do not use any silicone unless it states in the instructions as it makes blocks want to slide.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks



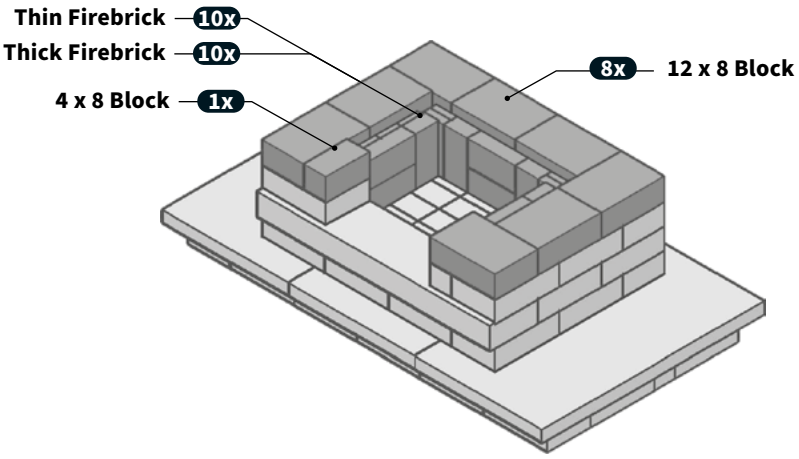
7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary. Confirm level on all vertical sides as you build up.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(10) Thick Firebrick



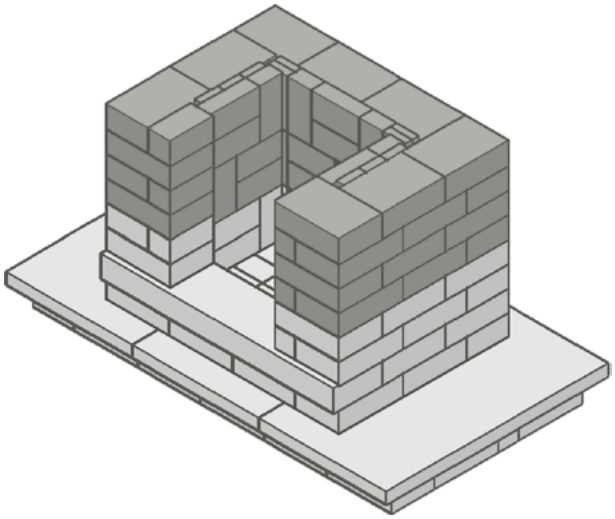
8

A. REPEAT STEPS 6 & 7
Repeat the layers from Steps 6 and 7 until you are a total of 6 layers above the mantel.

B. COMPLETE FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side in the front.

Materials Used
(32) 12" x 8" x 4"Blocks
(4) 4" x 8" x 4" Blocks
(20) Thin Firebrick
(20) Thick Firebrick

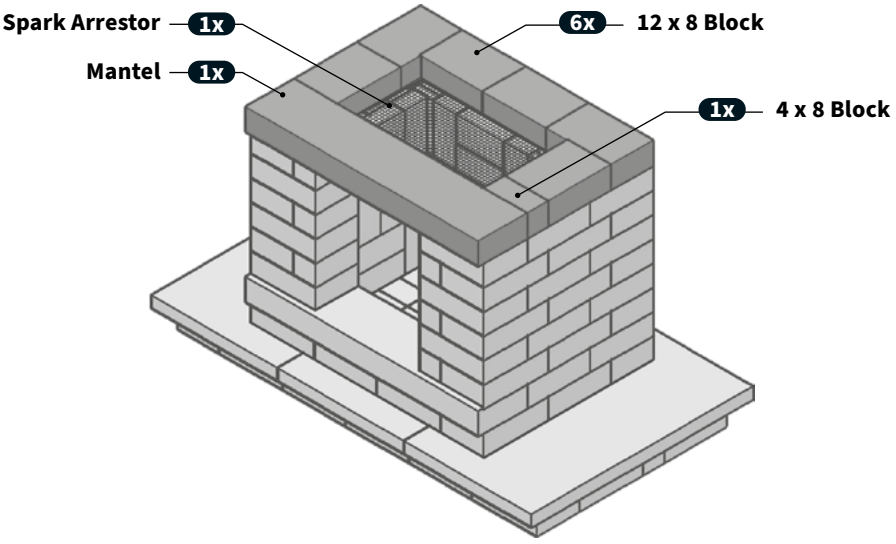


9

A. LAY THE TENTH BLOCK LAYER
Lay pattern as shown. Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

Optional: Snip the wire mesh Spark Arrestor to 29"x17" and place above firebrick. This will be held in place by friction.

Materials Used:
(6) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4"Blocks
(1) Mantel

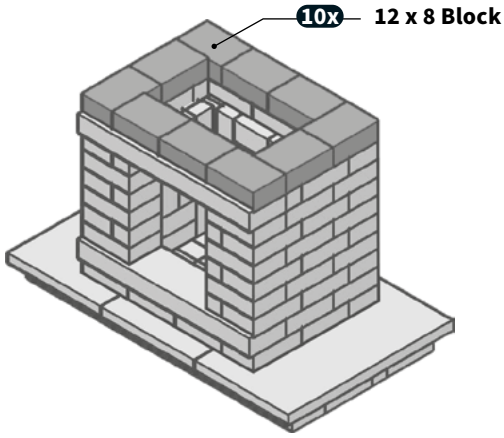


10

A. PLACE THE ELEVENTH BLOCK LAYER
Level as necessary.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Materials Used:
(10) 12" x 8" x 4" Blocks

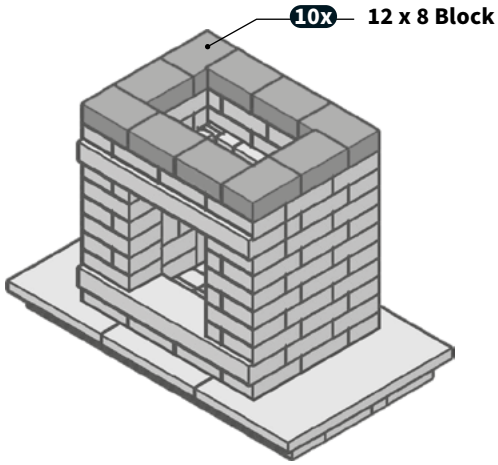


11

A. PLACE THE TWELFTH BLOCK LAYER
Level as necessary.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Materials Used:
(10) 12" x 8" x 4" Blocks



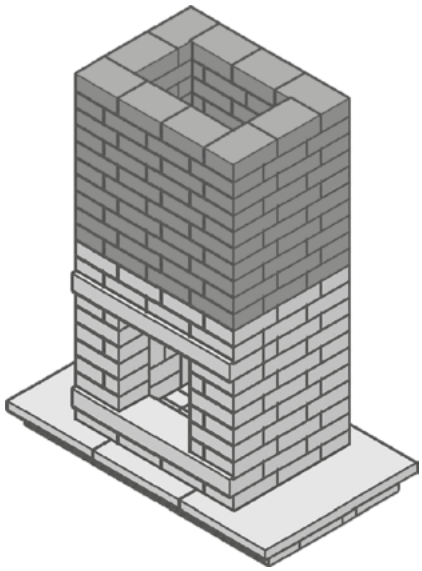
12

A. REPEAT STEPS 10 & 11
Repeat the last two steps until you are 12 layers above the top mantel. Avoid shims if possible.

B. SILICONE THE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used Per Layer:
(80) 12" x 8" x 4" Blocks

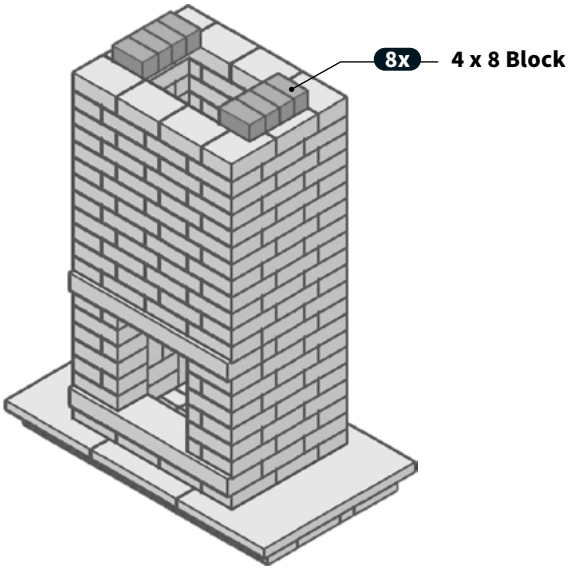


13

A. LAY THE FINAL BLOCK LAYER
Apply the final layer as shown. Blocks are placed 3" from each side and are centred front to back. Be mindful that the layer below was siliconed so it may have a small tendency to slide.

B. SILICONE FINAL LAYER
Silicone this last layer in place with a continuous bead so that each piece is well secured once dry.

Materials Used:
(8) 4" x 8" x 4" Blocks



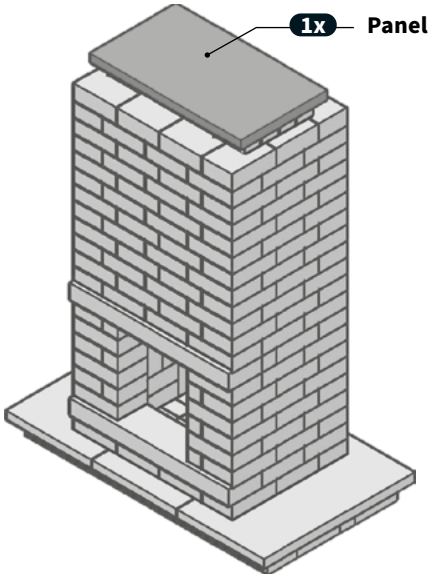
14

A. PLACE THE LAST PANEL
Centre the last panel on the layer below. Use 3-4 people if hand installing.

B. SILICONE PANEL
Lift each side individually to silicone after placing the panel.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(1) Panel



2

OPEN FIREBOX

DIFFICULTY
INTERMEDIATE

INSTALLATION
3-4 PEOPLE

BENEFITS
RAIN CAP

KIT SIZE
96"H X 72"W X 42"D

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

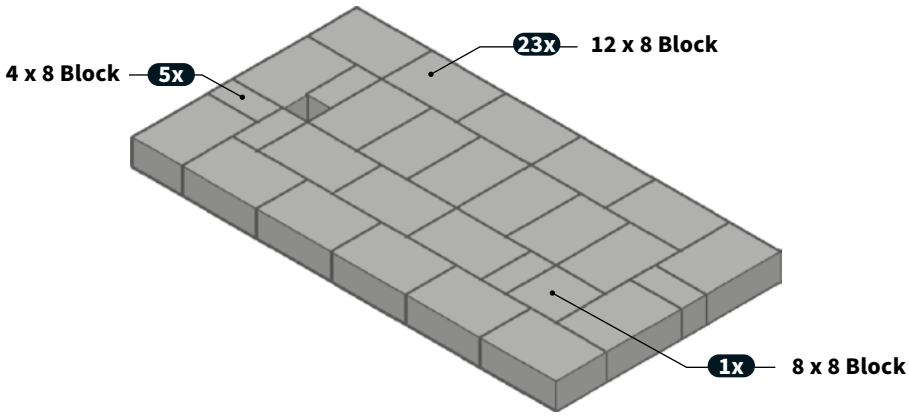
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the first layer using the provided shims. Place shims under this layer. Ensure your level glides smoothly across it without snags.

Note: The gap is for a potential gas line and can be shifted to where the line enters.

Materials Used:
(23) 12" x 8" x 4" Blocks
(5) 4" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks

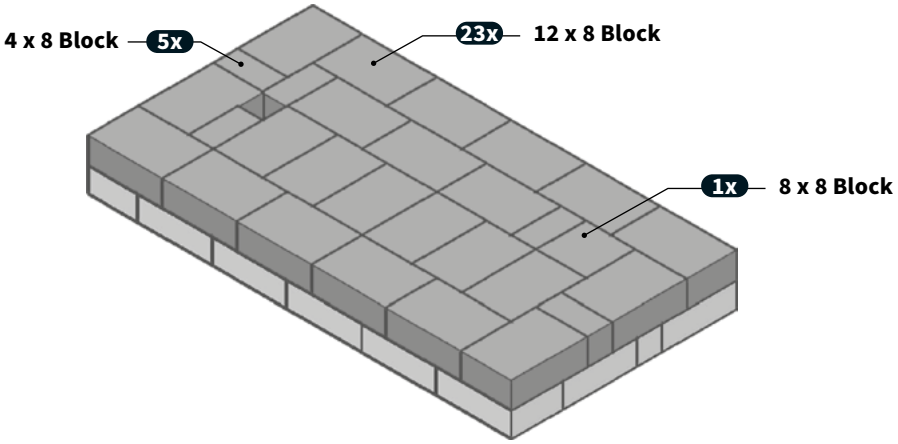


2

A. LAY SECOND LAYER AS SHOWN
The gap should be lined up with the gap below so blocks are not overhanging.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the second layer using the provided shims. Place shims under this layer. Ensure your level glides smoothly across it without snags.

Materials Used:
(23) 12" x 8" x 4" Blocks
(5) 4" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks



3

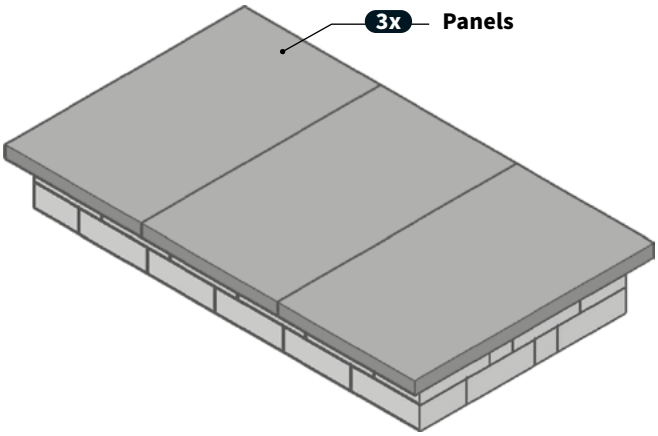
A. LAY PANELS CENTRED
On both sides the panels overhang 2", and on the front and back they overhang 3".

B. SILICONE IF REQUIRED
If the panels are loose then re-level layer below. You can also use small dabs of the silicone to level these panels if required.

⦸ Do not use any shims under these panels as it may create a point load causing cracking.

Note: Confirming level is essential. It is best to avoid using shims as much as possible going forward.

Materials Used:
(3) Panels



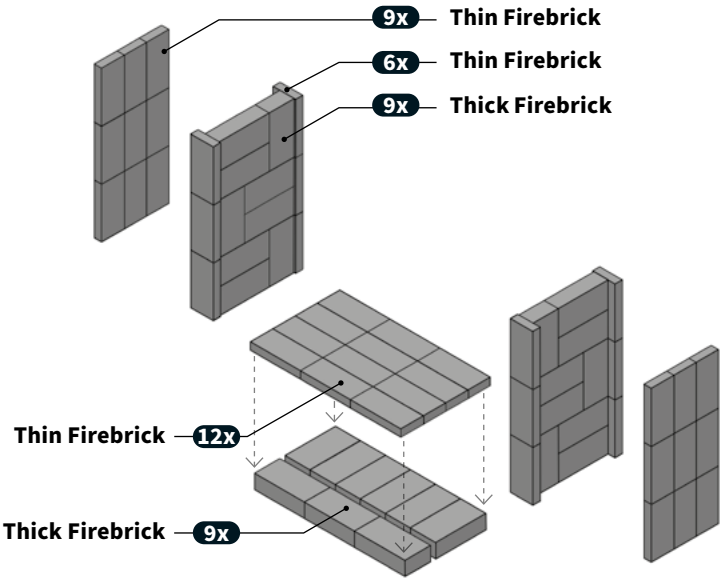
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(42) Thin Firebrick
(27) Thick Firebrick



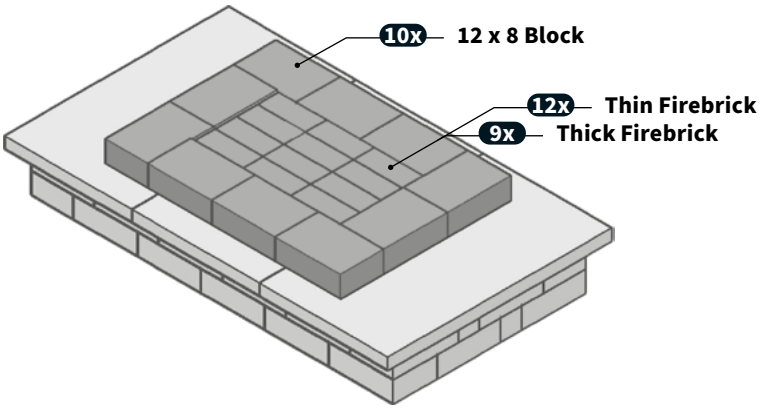
5

A. LAY THE THIRD BLOCK LAYER
Centre blocks 5" from the front and back of the panels as well as 14" from the ends of both panels on both sides.

B. BEGIN LAYING THE FIREBRICK
Place the thick firebrick first as shown in step 4, then place the thin firebrick floor.

Note: If installing a gas burner from underneath the unit, remove or drill through the firebrick and panel, or go in from the back by cutting a slot into the Caliber Stone.

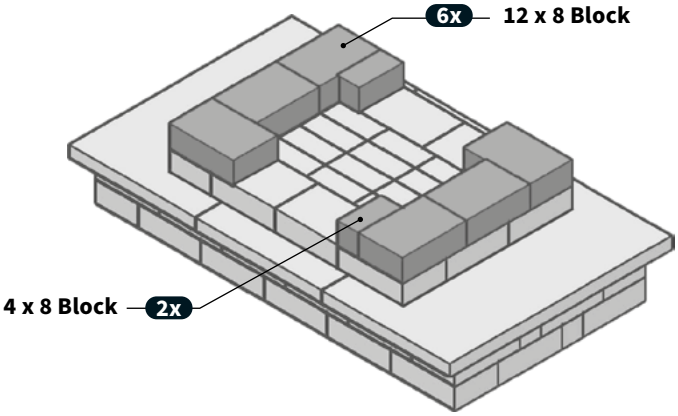
Materials Used:
(10) 12" x 8" x 4" Blocks
(12) Thin Firebrick
(9) Thick Firebrick



6

A. LAY THE FOURTH BLOCK LAYER
Place the next layer as shown and level as necessary. Confirm level and measurements in all directions.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



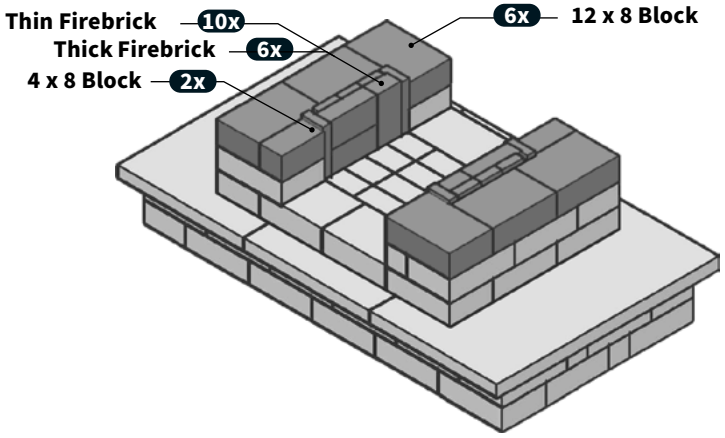
7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in Step 4. Silicone can be used if pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick

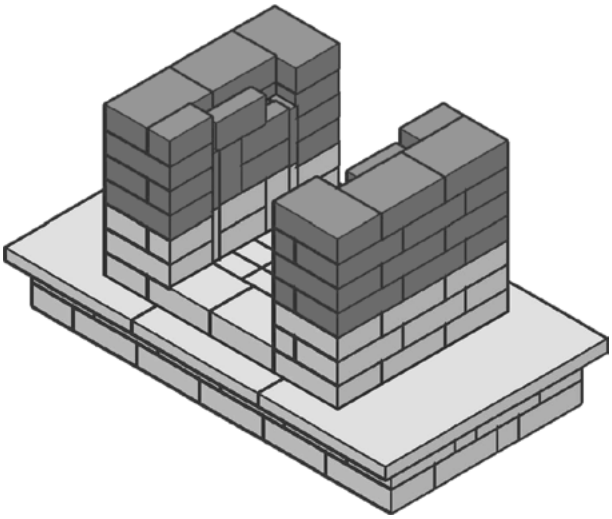


9

A. REPEAT PATTERN FROM STEP 6 & 7
Repeat the last two layers until you have a total of 6 layers above the base layer with the firebrick floor.

Note: The firebrick can be finished up between this step and the next step with the mantels.

Materials Used:
(24) 12" x 8" x 4" Blocks
(8) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



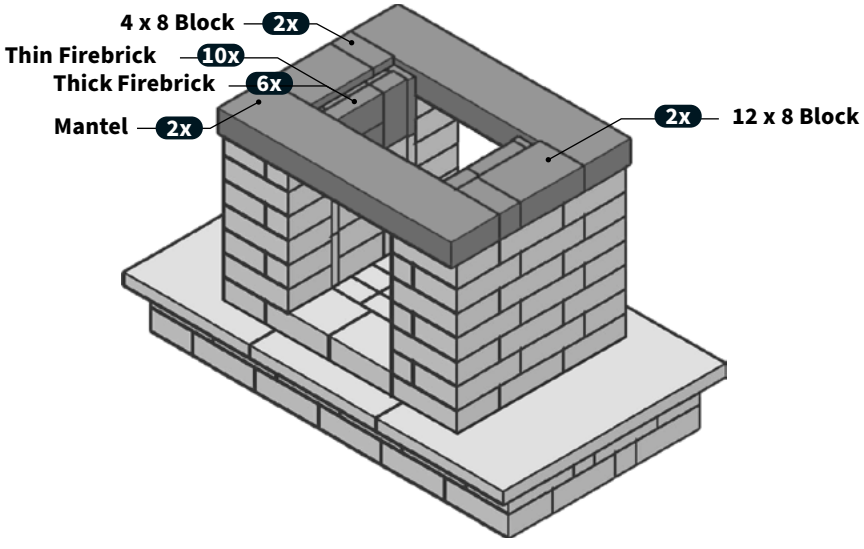
10

A. LAY THE TENTH BLOCK LAYER
Lay pattern as shown. Place the mantels with the "this side down" text facing downward. The smooth side of the mantel should be facing outwards. They should overhang the front by 1".

B. COMPLETE FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

C. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Materials Used:
(2) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick
(2) Mantels



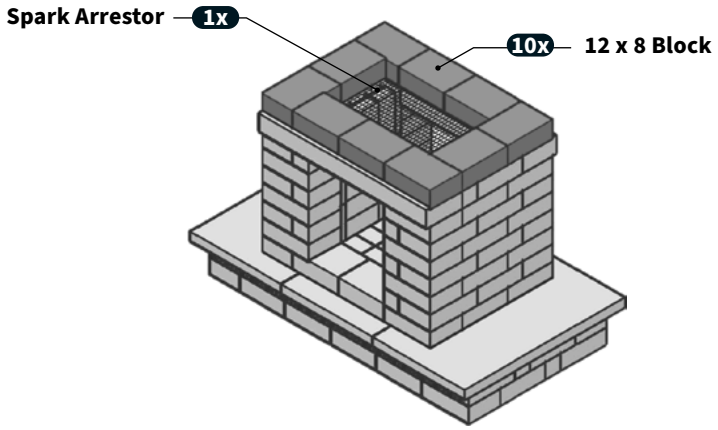
10

A. LAY THE ELEVENTH BLOCK LAYER
confirm that the mantels still overhang by 1" on both sides to the front.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Optional: Snip the wire mesh Spark Arrestor to 29"x17" and place above firebrick. This will be held in place by friction.

Materials Used:
(10) 12" x 8" x 4" Blocks

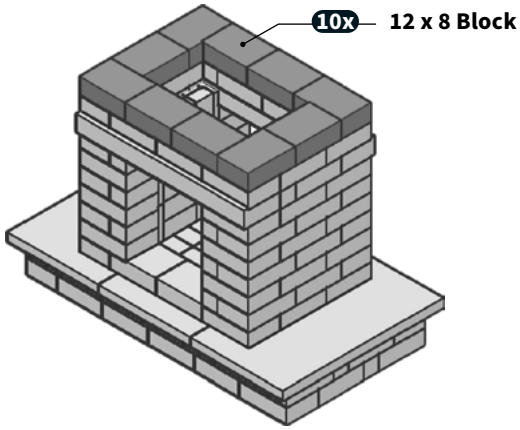


11

A. LAY THE TWELFTH BLOCK LAYER
Do not use any silicone as it will make the units want to slide.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Use as few shims as possible.

Materials Used:
(10) 12" x 8" x 4" Blocks



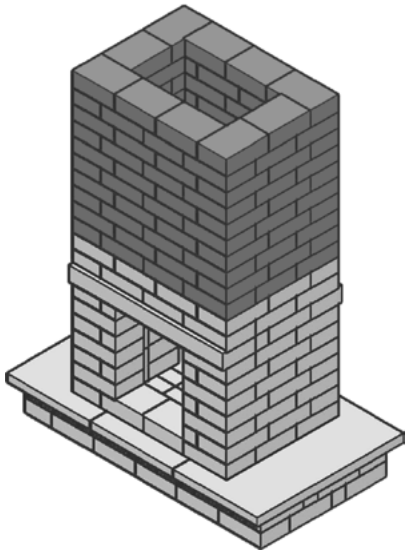
12

A. REPEAT STEPS 10 & 11
Repeat the last two layers until you are 12 layers above the top mantel. Avoid shims if possible.

B. SILICONE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used:
(100) 12" x 8" x 4" Blocks



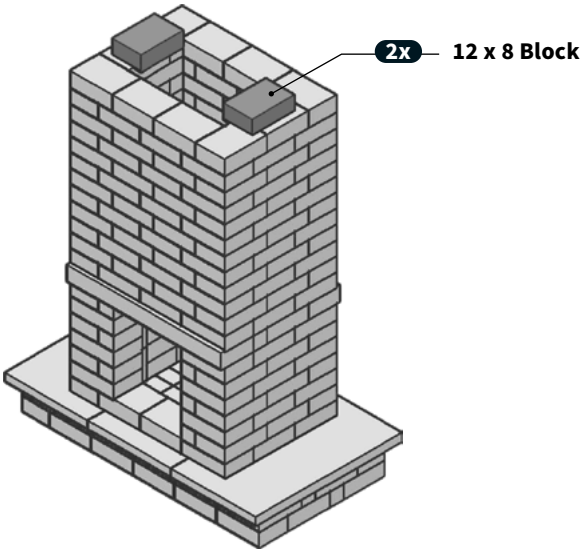
13

A. PLACE RAIN CAP BLOCKS
Place the last two blocks as shown. Blocks should be 2" from both sides and centred front to back. Be mindful that the layer below was siliconed so it may have a small tendency to slide.

B. SILICONE FINAL BLOCK LAYER
Silicone this last layer in place with a continuous bead so that each piece is well secured once dry.

Note: When you place the rain cap in the next step the two pieces you just put down will want to slide. Let silicone settle if time permits before placing panel.

Materials Used:
(2) 12" x 8" x 4" Blocks



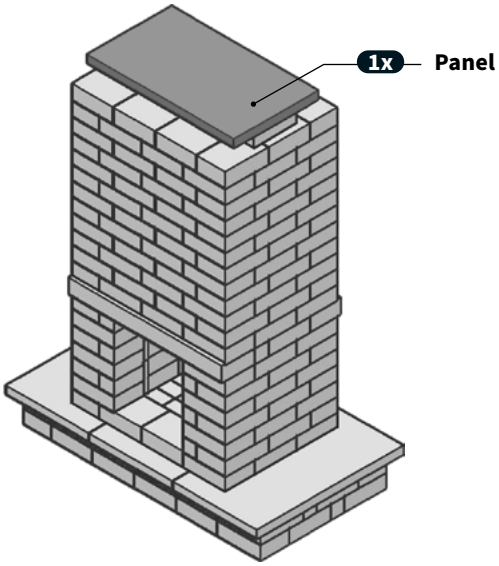
14

A. PLACE THE RAIN CAP ON TOP
Using 3 plus people or machinery, place the rain cap on top. The panel will sit centred with the fireplace below.

B. SILICONE PANEL
Silicone this last piece by lifting one end and then placing it down. Then repeat on the other end.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(1) Panel



3

CLOSED FIREBOX

DIFFICULTY
INTERMEDIATE

INSTALLATION
1-2 PEOPLE

BENEFITS
WOOD STORAGE

KIT SIZE
86"H X 90"W X 42"D

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

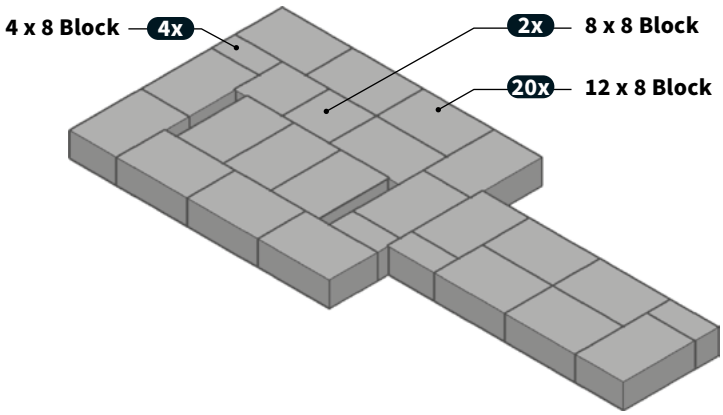
1

A. LAY THE FIRST BRICK LAYER
On your prepared base, lay out the first layer as shown in the diagram. Centre the blocks on the right with the larger section of blocks on the left.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the first layer using the provided shims. Place shims under this layer. Ensure your level glides smoothly across it without snags.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(20) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks
(2) 8" x 8" x 4" Blocks



2

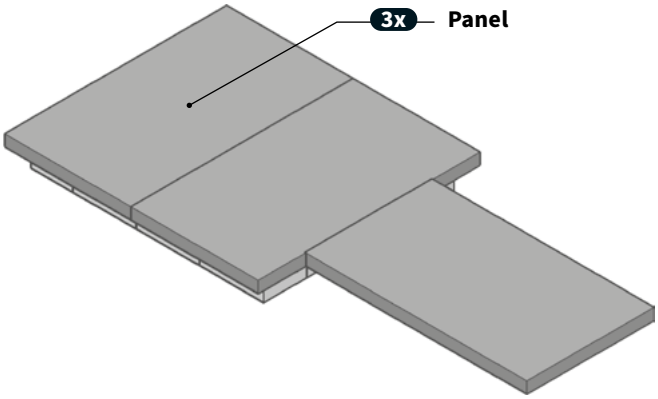
A. PLACE AND CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⦸ Do not use any shims under the panels. If you notice some wobbling use silicone or re-level the layer below.

B. CHECK THE OVERHANG
On both sides the panels overhang 2", and on the front and back they overhang 3".

Note: Confirming level is essential. It is best to avoid using shims as much as possible going forward.

Materials Used:
(3) Panels



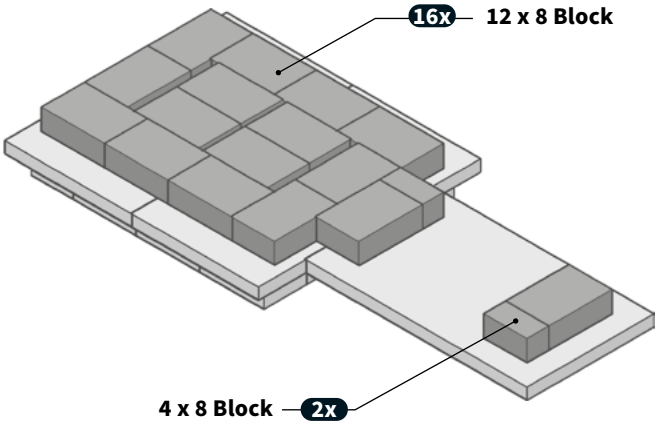
3

A. LAY AND CENTRE THE SECOND BRICK LAYER
⦸ Do not use any shims underneath this layer to avoid causing a point load on the panel below.

B. LAY BLOCKS ON RIGHT
The blocks on the right are 4" from the front and back and 4" from the side.

Note: Equally space out the gaps in the middle section. The fire-block floor will go above this.

Materials Used:
(16) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



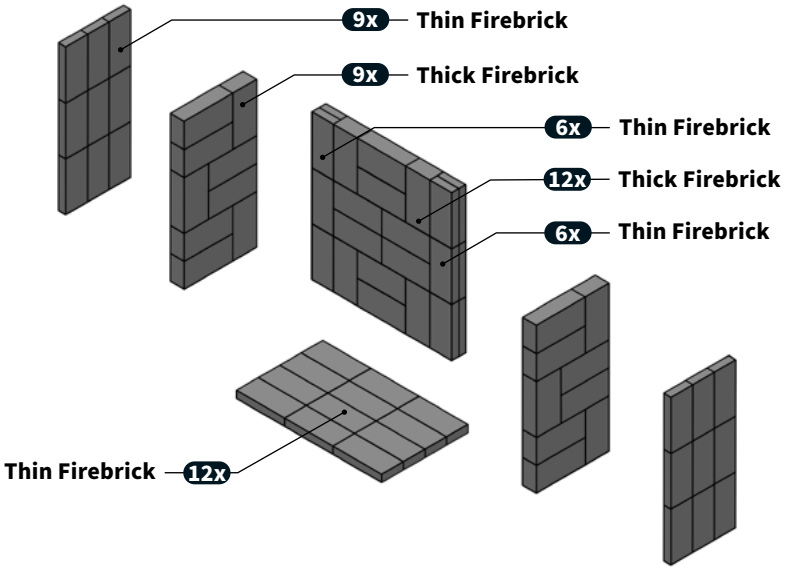
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(42) 42 Thin Firebrick
(30) 30 Thick Firebrick

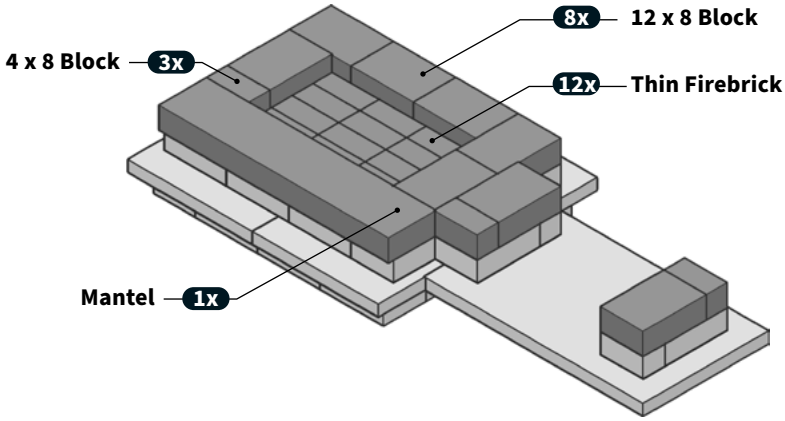


5

A. LAY THE THIRD BLOCK LAYER
Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. Use thin firebrick for the firebox floor.

Materials Used:
(8) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks
(12) Thin Firebrick
(1) Mantel



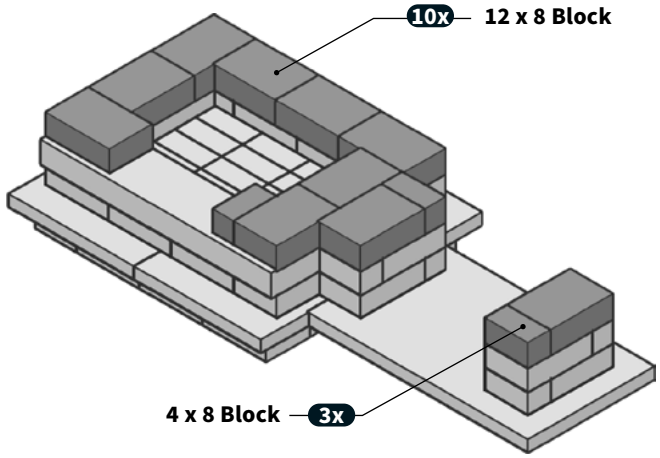
6

A. LAY THE FOURTH BLOCK LAYER
Level as necessary.

B. LEVEL AND SHIM AS NEEDED
From this step on, check the level to make sure your walls do not bow in or out.

Note: Do not use any silicone unless it states in the instructions as it makes blocks want to slide.

Materials Used:
(10) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



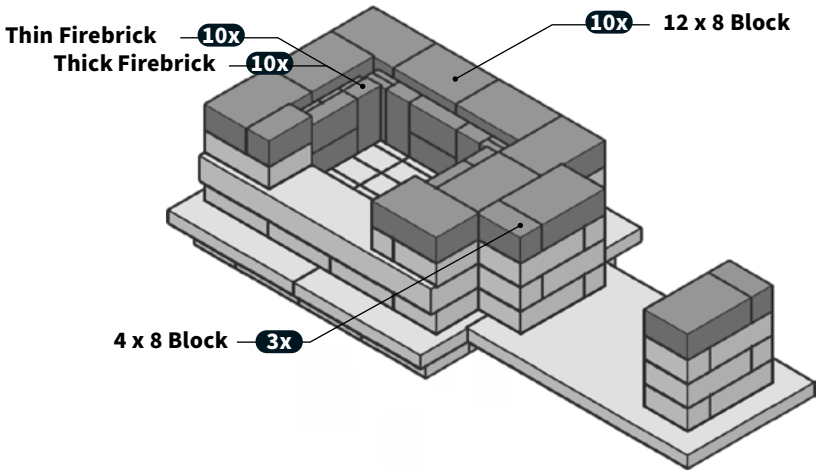
7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary. Confirm level on all vertical sides as you build up.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(10) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks
(10) Thick Firebrick
(10) Think Firebrick



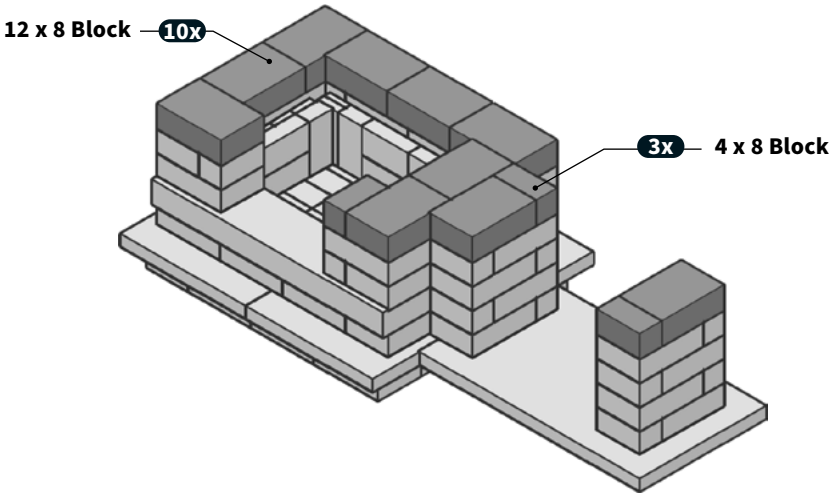
8

A. LAY THE SIXTH BLOCK LAYER
Level as necessary.

B. SILICONE RIGHT PILLAR
Add a small dot of silicone on each block before placing the two blocks on the rightmost pillar to ensure structural integrity.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

(10) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



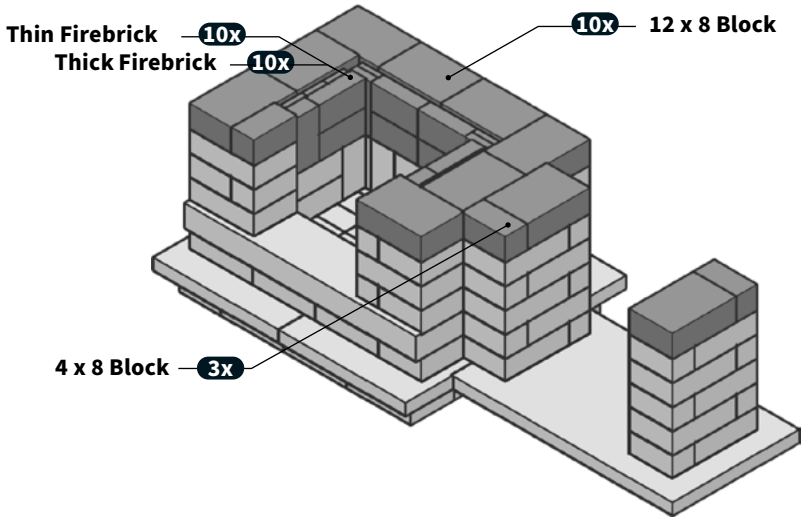
9

A. LAY THE SEVENTH BLOCK LAYER
Level as necessary.

B. CONTINUE FIREBRICK INSTALLATION
Place the next two rows of firebrick as shown. Silicone can be used if pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(10) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(10) Thick Firebrick



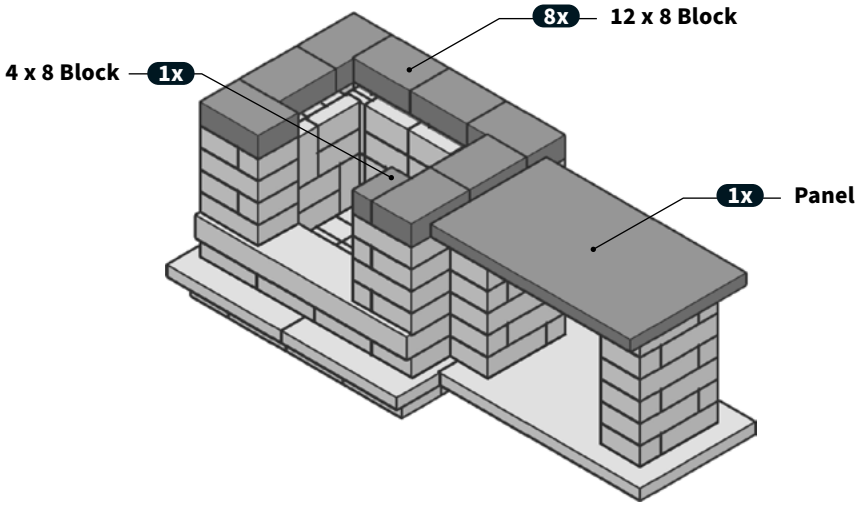
10

A. LAY THE EIGHTH BLOCK LAYER
Level as necessary.

B. PLACE THE PANEL AS SHOWN
Using dots of silicone, adhere the panel into place. Confirm placement of blocks and panel. Panel is against the wall.

Note: Tap panel gently into place so it is nice and tight against the fireplace wall.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(1) Panel



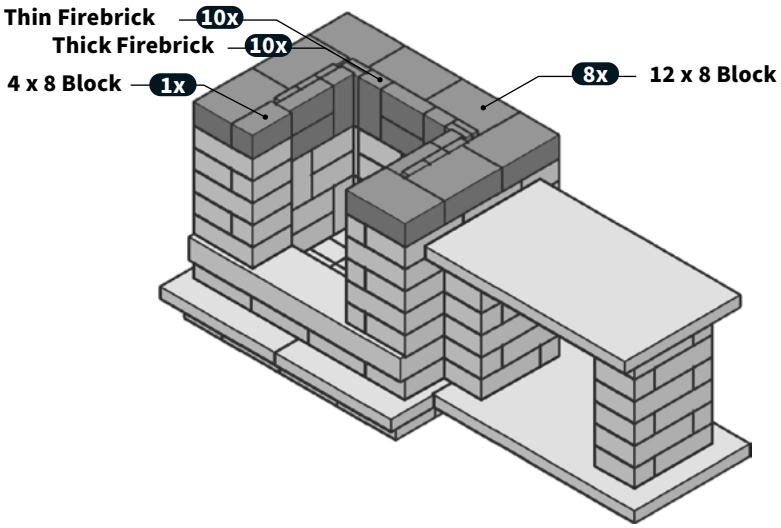
11

A. LAY THE NINTH BLOCK LAYER
Level as necessary.

B. COMPLETE FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

C. CONFIRM VERTICAL LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

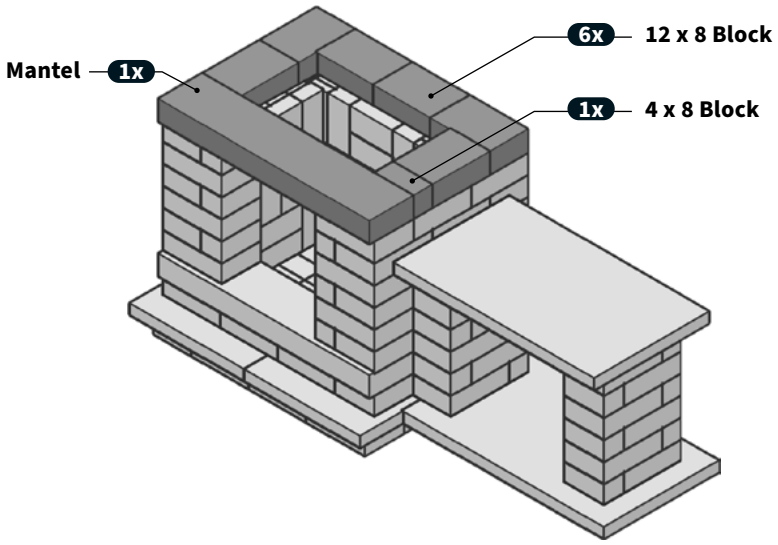
Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(10) Thick Firebrick



12

A. LAY THE TENTH BLOCK LAYER
Lay pattern as shown. Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

Materials Used Per Layer:
(6) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(1) Mantel



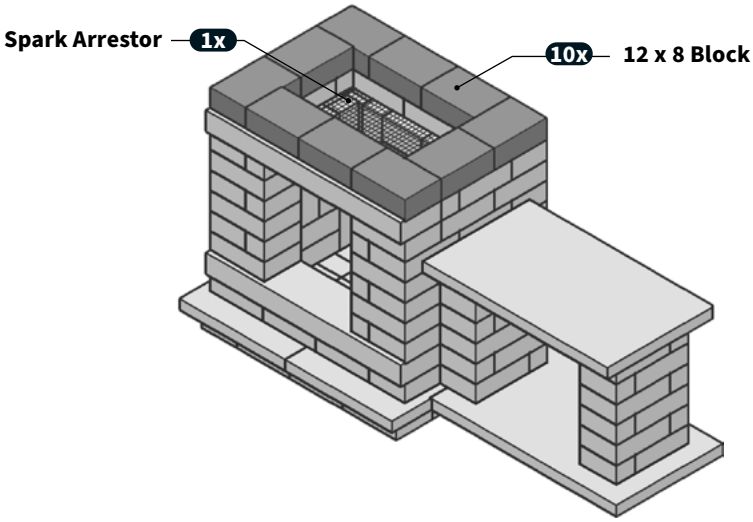
13

A. LAY THE ELEVENTH BLOCK LAYER
Level as necessary.

Optional: Snip the wire mesh Spark Arrestor to 29"x17" and place above firebrick. This will be held in place by friction.

Note: Spark arrestors are optional based on location. Some locations require them for by-laws for wood burning fireplaces.

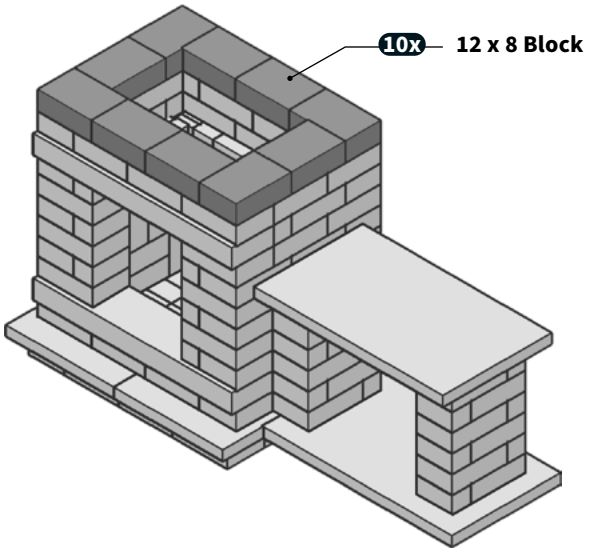
Materials Used:
(10) 12" x 8" x 4" Blocks



14

A. LAY THE TWELFTH BLOCK LAYER
Level as necessary.

Materials Used:
(10) 12" x 8" x 4" Blocks



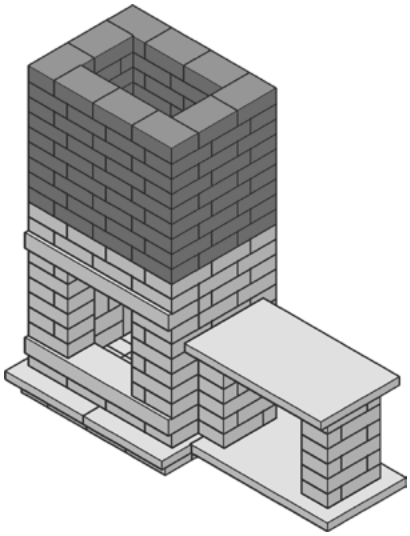
15

A. REPEAT STEPS 13 & 14
Repeat the patterns from step 13 and 14 until you are 11 layers above the mantel.

B. SILICONE FINAL LAYER
Silicone the last layer with a continuous bead of silicone.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(90) 12" x 8" x 4" Blocks



3

OPEN FIREBOX

DIFFICULTY
INTERMEDIATE

INSTALLATION
1-2 PEOPLE

BENEFITS
WOOD STORAGE

KIT SIZE
86"H X 90"W X 42"D

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

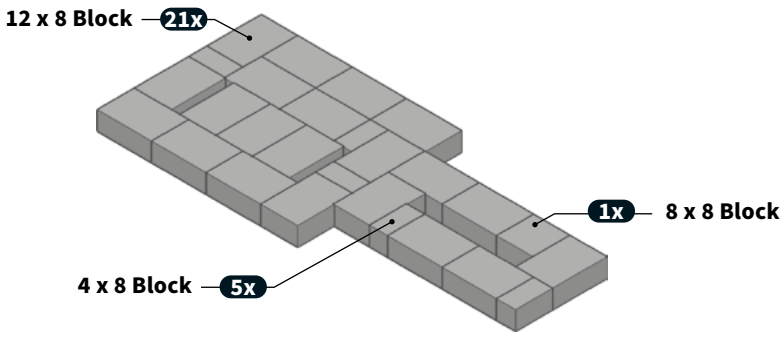
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram. Centre the blocks on the right with the larger section of blocks on the left.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

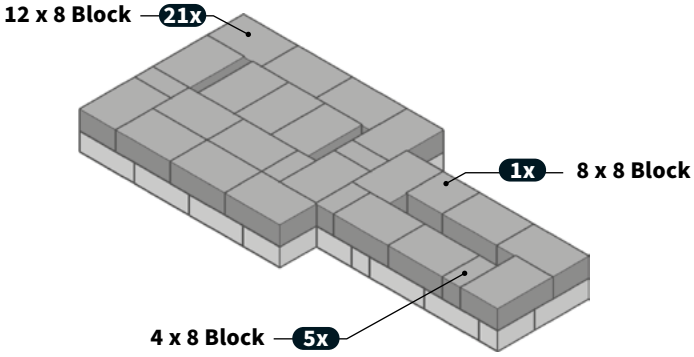
Materials Used:
(21) 12" x 8" x 4" Blocks
(5) 4" x 8" x 4" Blocks
(1) 4" x 8" x 8" Blocks



2

A. LAY SECOND BLOCK LAYER
Gaps can be moved as required if a gas line is being run underneath. Level as necessary.

Materials Used:
(21) 12" x 8" x 4" Block Size
(5) 4" x 8" x 4" Block Size
(1) 8" x 8" x 4" Block Size



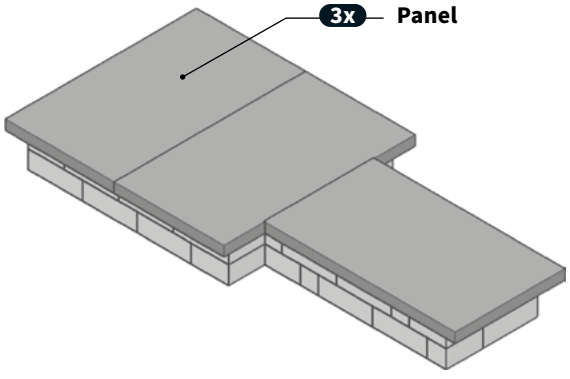
3

A. PLACE AND CENTRE THE PANELS
Both sides of the two panels overhang 2", while the front and back overhand 3". The single panel on the right is centred with the other panel and centred on the layer below.

B. CHECK THE OVERHANG
On both sides the panels overhang 2", and on the front and back they overhang 3".

Note: Confirming level is essential. It is best to avoid using shims as much as possible going forward.

Materials Used:
(3) Panels



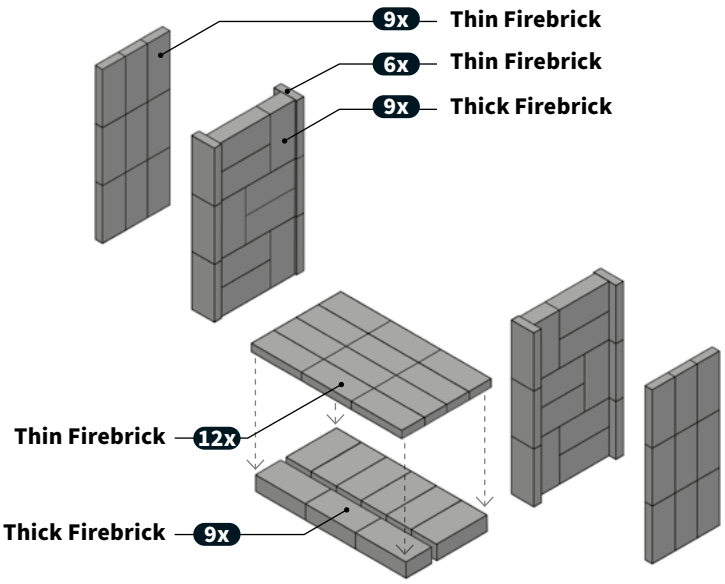
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(42) 42 Thin Firebrick
(30) 30 Thick Firebrick



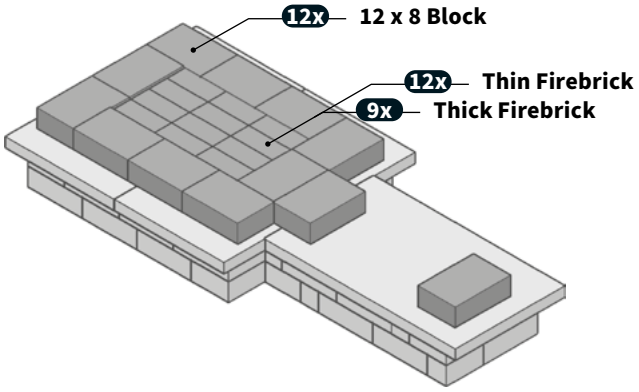
5

A. LAY THE THIRD BLOCK LAYER
Centre blocks 5" from the front and back of the panels as well as 2" from the ends of both panels on both sides. Then place the two blocks as shown. The single block on the right is 4" from the front and 4" from the side.

B. BEGIN LAYING THE FIREBRICK
Place the thick firebrick first as shown in step 4, then place the thin firebrick floor.

Note: If installing a gas burner from underneath the unit, remove or drill through the firebrick and panel, or go in from the back by cutting a slot into the Caliber Stone.

Materials Used:
(12) 12" x 8" x 4" Blocks
(12) Thin Firebrick (9) Thick Firebrick

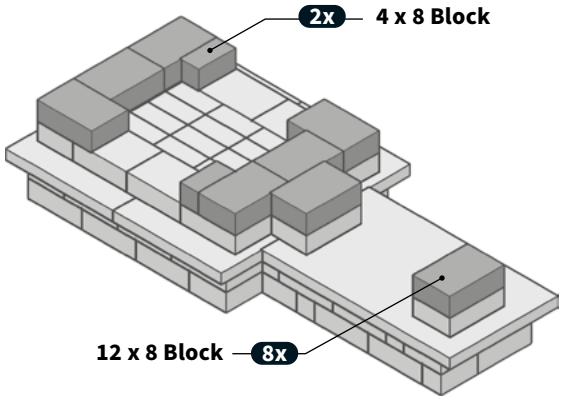


6

A. PLACE THE FOURTH BLOCK LAYER
Place the next layer as shown and level as necessary. Confirm level and measurements in all directions.

Notes: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(8) 12" x 8" x 4" Block Size
(2) 4" x 8" x 4" Block Size



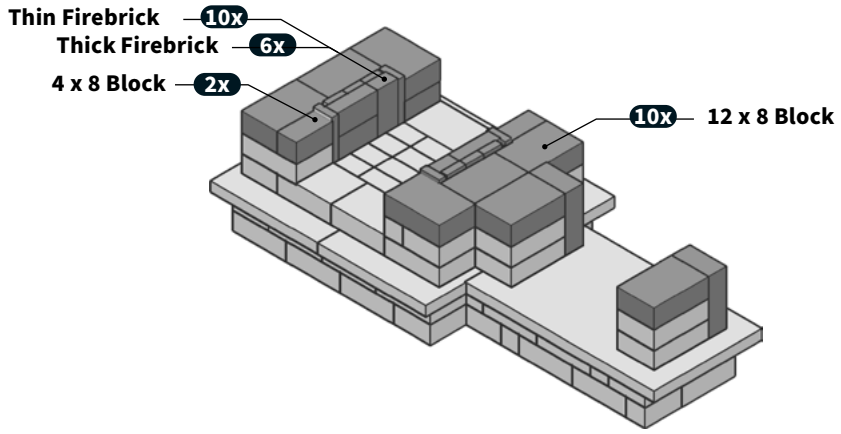
7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary.

B. CONFIRM PLACEMENT ON RIGHT
The right pillar needs to be 4" from the edge of the end of the panel on all 3 sides.

C. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Materials Used:
(10) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



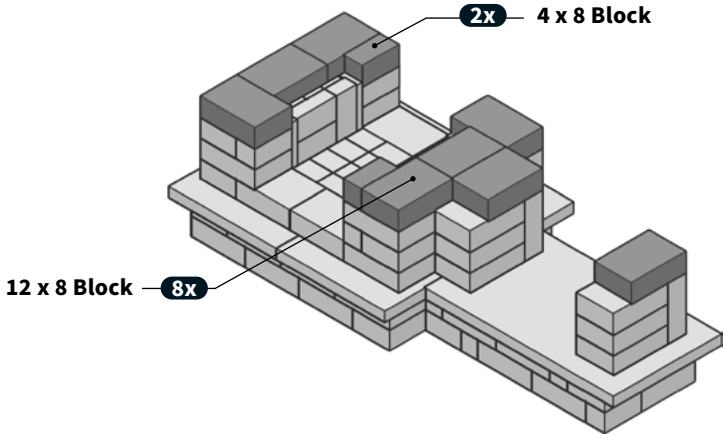
8

A. LAY THE SIXTH BLOCK LAYER
Level as necessary.

B. SILICONE RIGHT PILLAR
Add a small dot of silicone on each block before placing the two blocks on the rightmost pillar to ensure structural integrity.

Note: Be gentle when sliding the blocks on the panels as you do not want to scratch the panel.

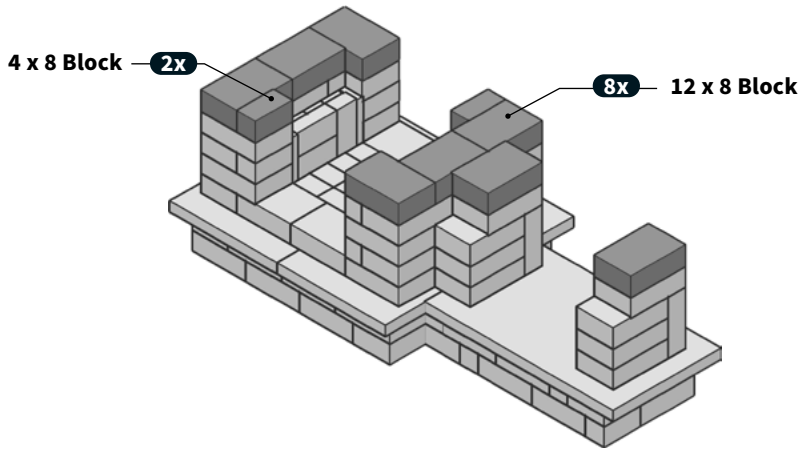
Materials Used
(8) 12" x 8" x 4"Blocks
(2) 4" x 8" x 4" Blocks



9

A. LAY THE SEVENTH BLOCK LAYER
Level as necessary.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4"Blocks

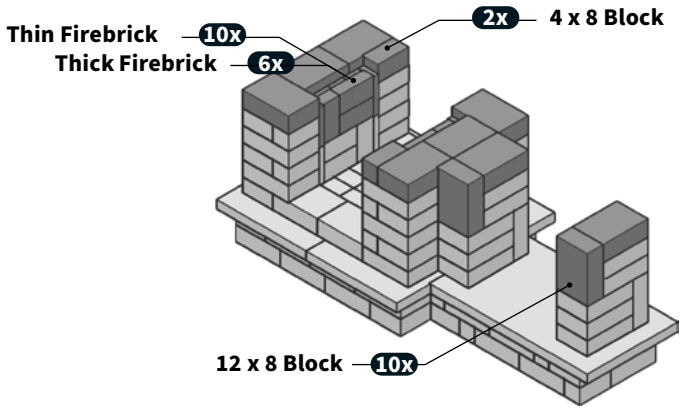


10

A. LAY THE EIGHTH BLOCK LAYER
Level as necessary. Avoid shims if possible. Confirm level between the pillar on the right and the pillar on the left.

B. SILICONE RIGHT PILLAR
Add a small dot of silicone on each block before placing the two blocks on the rightmost pillar to ensure structural integrity.

Materials Used:
(10) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4"Blocks
(10) Thin Firebrick
(6) Thick Firebrick



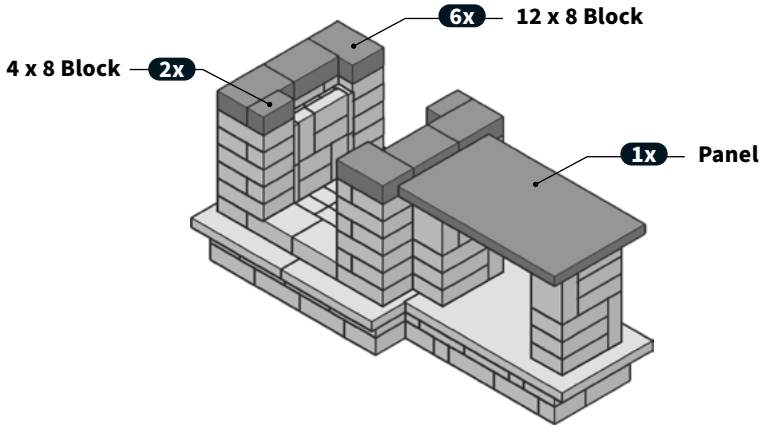
11

A. LAY THE NINTH BLOCK LAYER
Level as necessary.

B. PLACE THE PANEL AS SHOWN
Using dots of silicone, adhere the panel into place.

Note: Tap panel gently into place so it is nice and tight against the fireplace wall.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(1) Panel



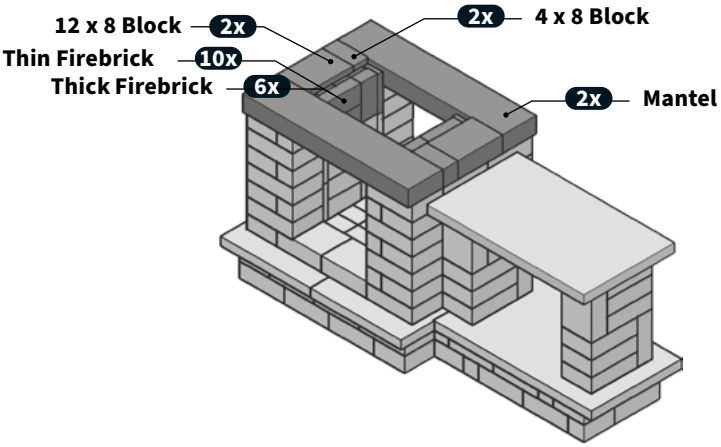
12

A. LAY THE TENTH BLOCK LAYER
Lay pattern as shown. Place the mantels with the "this side down" text facing downward. The smooth side of the mantel should be facing outwards. They should overhang the front and back by 1".

B. MANTEL PLACEMENT
The mantels should line up with the ends of the Caliber Stone on both sides. Tap blocks and level walls if they do not line up with the mantels.

Note: Finish up the firebrick at this step.

Materials Used:
(2) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick
(2) Mantels



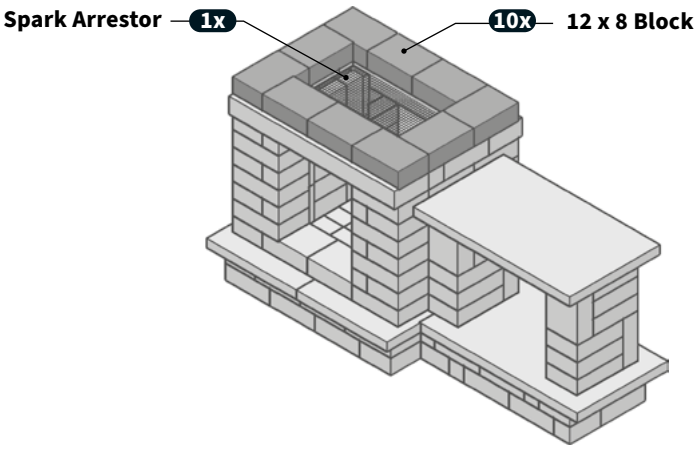
13

A. LAY THE ELEVENTH BLOCK LAYER
Level as necessary.

Optional: Snip the wire mesh Spark Arrestor to 29"x17" and place above firebrick. This will be held in place by friction.

Note: Spark arrestors are optional based on location. Some locations require them for by-laws for wood burning fireplaces.

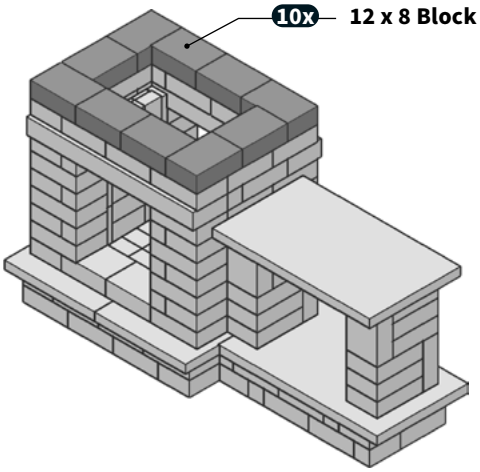
Materials Used:
(10) 12" x 8" x 4" Blocks



14

A. LAY THE TWELFTH
Level as necessary.

Materials Used:
(10) 12" x 8" x 4" Blocks



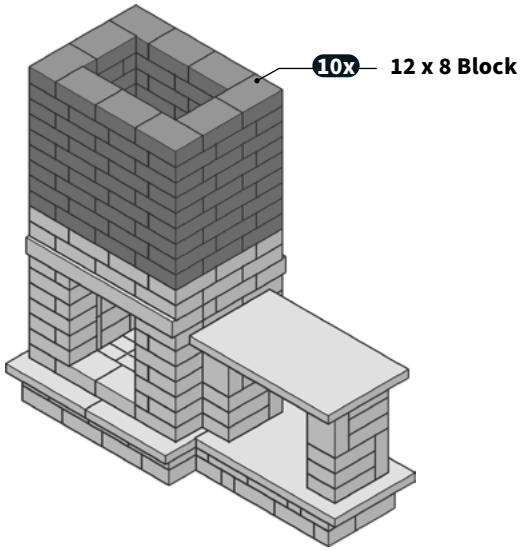
15

A. REPEAT STEPS 13 & 14
Repeat the patterns from step 13 and 14 until you are 11 layers above the mantel.

B. SILICONE FINAL LAYER
Silicone the last layer with a continuous bead of silicone.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(90) 12" x 8" x 4" Blocks



4

CLOSED FIREBOX

DIFFICULTY
BEGINNER

INSTALLATION
1-2 PEOPLE

BENEFITS
GAS BURNER
FOCUSED

KIT SIZE
46"H X 96"W X 42"D

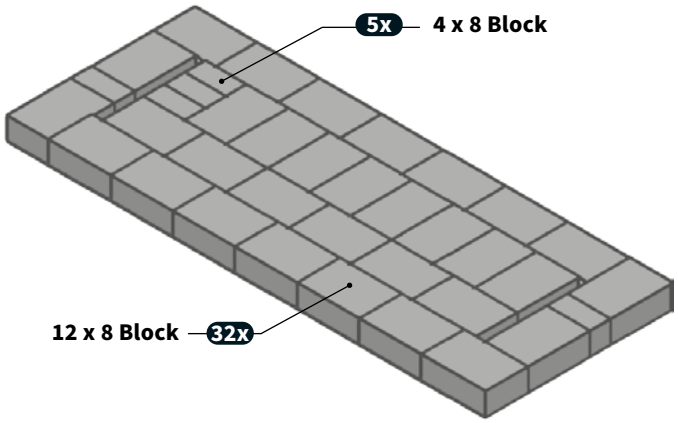
FIREBOX SIZE
24"H X 39"W X 13.5"D

1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram. Leave a gap on both ends as shown. These gaps can be moved as needed if working with a gas burner.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Materials Used:
(32) 12" x 8" x 4" Blocks
(5) 4" x 8" x 4" Blocks



2

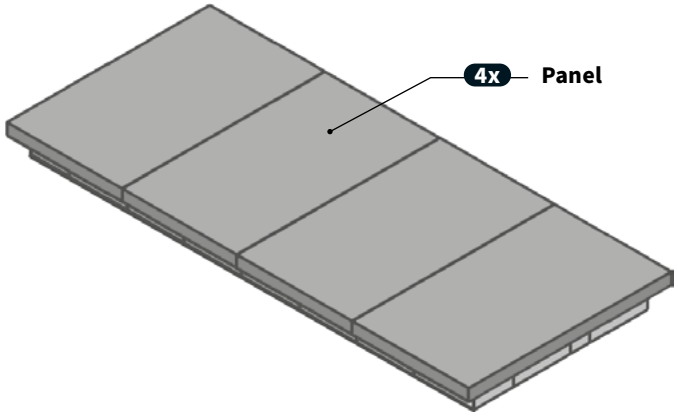
A. PLACE AND CENTRE THE PANELS
Centre 4 panels on the first layer with the smooth side facing up.

⦸ Do not use any shims under the panels. If you notice some wobbling use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: If you are using a gas burner you will either need to drill through these panels or come in through the back

Materials Used: (4) Panels



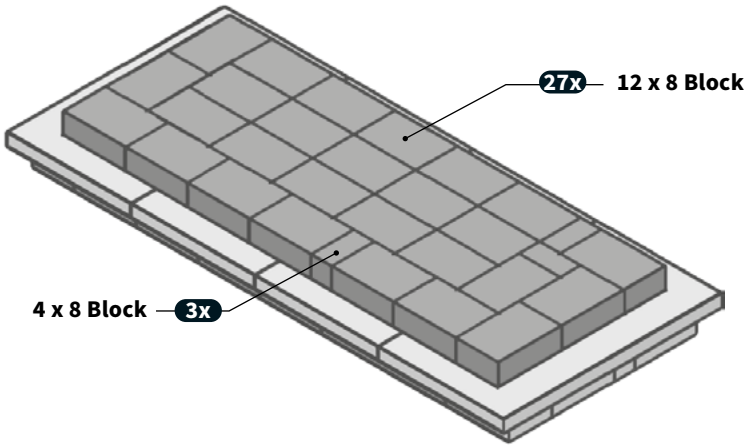
3

A. LAY THE SECOND BLOCK LAYER
⦸ Do not use any shims underneath this layer to avoid causing a point load on the panel below.

B. ENSURE THE LAYER IS CENTRED
This layer sits 5" from the front and back of the panels, as well as 6" from the ends of both panels on both sides. Use small dots of silicone to level this layer.

Note: Avoid using shims after this layer, as gaps will be visible. If this layer is levelled carefully, it will be easier to avoid shims in the next steps.

Materials Used:
(27) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



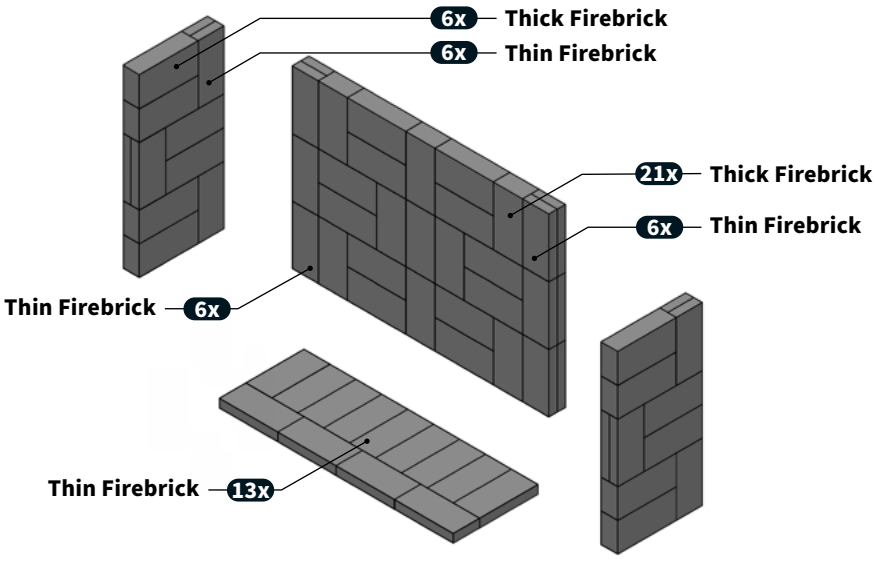
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(37) Thin Firebrick
(33) Thick Firebrick



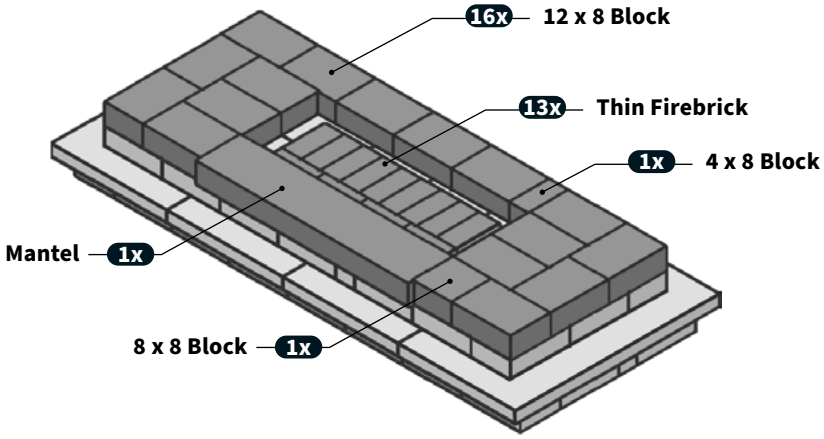
5

A. LAY THE THIRD BLOCK LAYER
Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. Use thin firebrick for the firebox floor.

Note: Fill small gaps between the fire-block and walls with sand or thin firebrick pieces cut to size after completing the fireplace.

Materials Used:
(16) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(13) Thin Firebrick
(1) Mantels



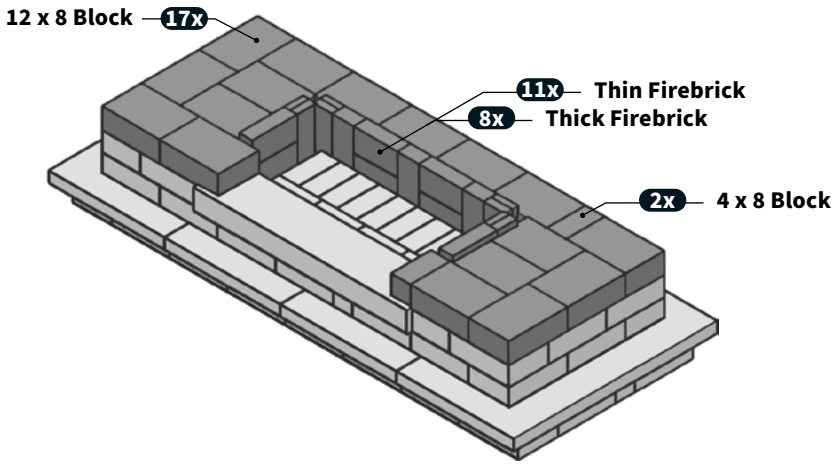
6

A. LAY THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Notes: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

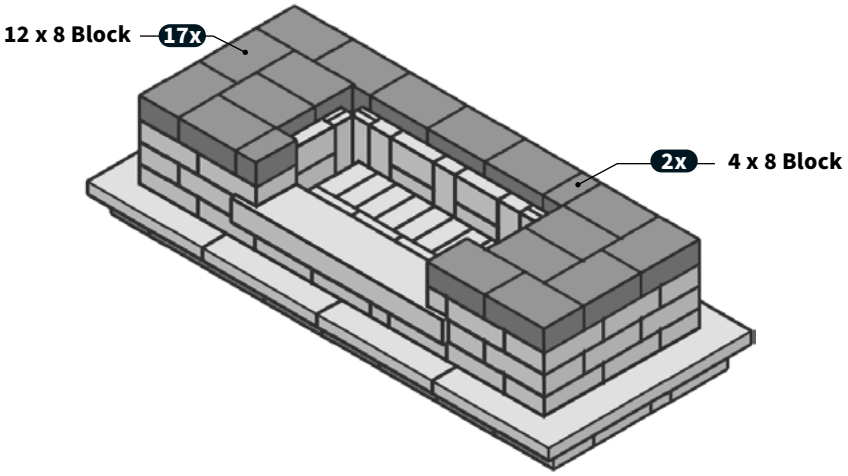
Materials Used:
(17) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick



7

A. LAY FIFTH BLOCK LAYER
Level as necessary.

Materials Used:
(17) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



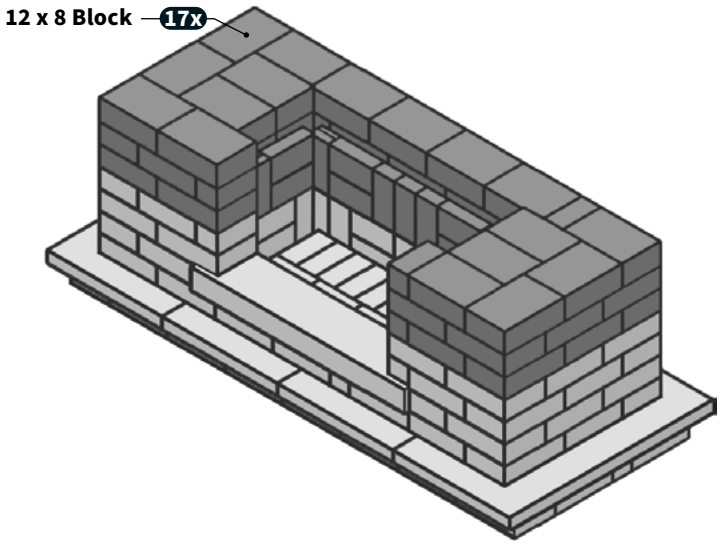
8

A. REPEAT STEPS 6 & 7
Repeat the last two layers until you have a total of 5 layers above the mantel.

B. CONTINUE FIREBRICK INSTALLATION
Place the next two rows of firebrick as shown. Silicone can be used if pieces feel loose.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side in the front.

Materials Used:
(51) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick



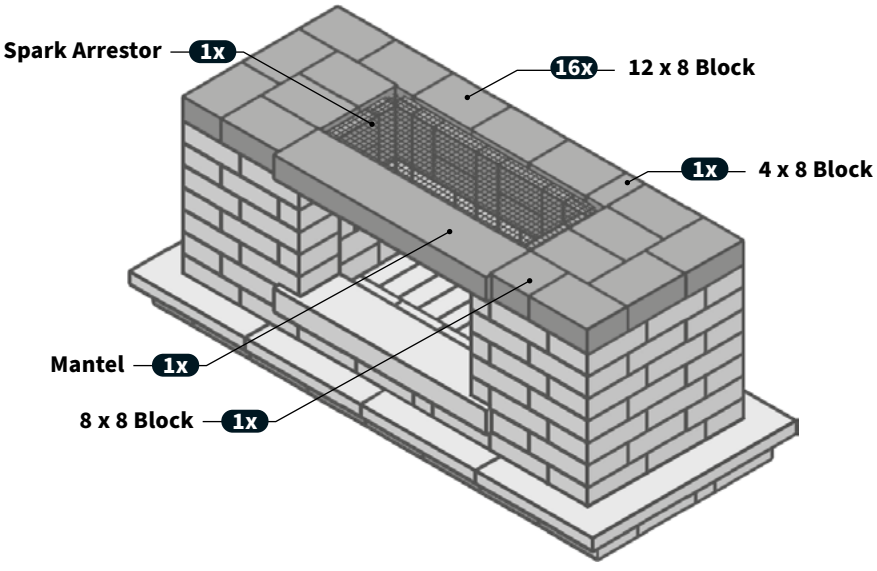
9

A. LAY NINTH BLOCK LAYER
Place the mantel so the text stating "this side down" is facing down. The mantel will overhang to the front by 1".

B. FINISH FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Optional: Snip the wire mesh Spark Arrestor to 17"x 45" and place above firebrick. This will be held in place by friction.

Materials Used:
(16) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick
(1) Mantels



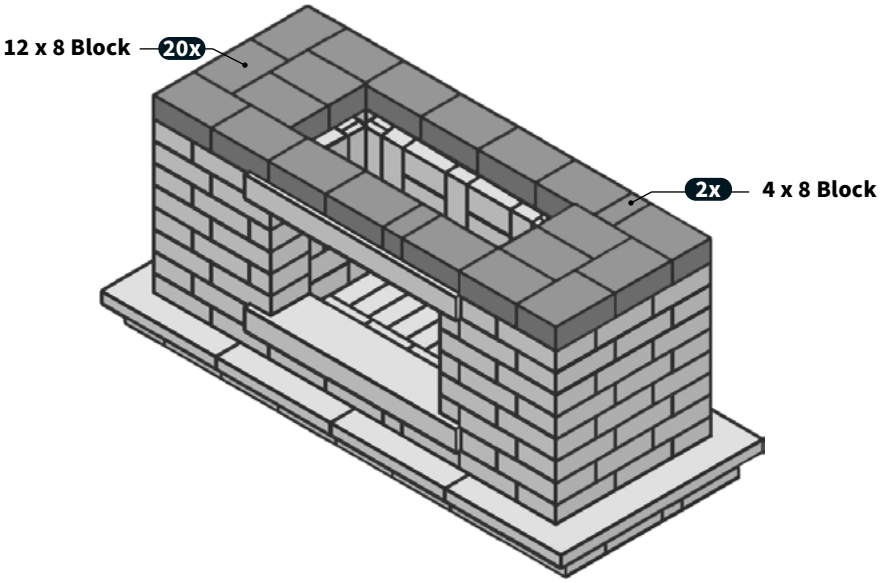
10

A. LAY THE TENTH BLOCK LAYER
Level as necessary.

B. SILICONE BLOCKS ABOVE MANTEL
Using a small dot of silicone per piece, adhere each unit in place that sits above the mantel.

Note: Once a block is siliconed it will have a tendency to slide. Tap them back into place before the Silicone settles.

Materials Used:
(20) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



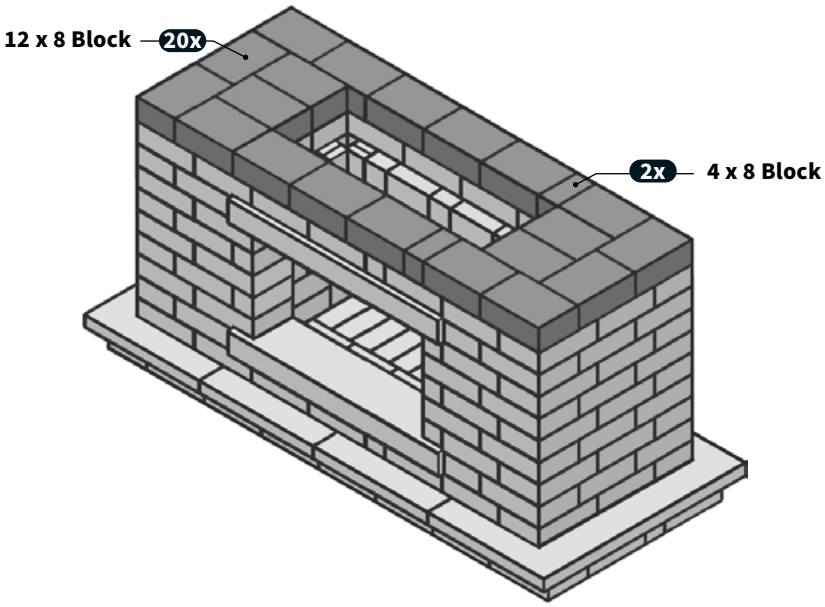
11

A. LAY THE FINAL BLOCK LAYER
Place the next layer as shown and level as necessary. This layer is centred on the layer below.

B. SILICONE THE TOP LAYER
Using a continuous bead of silicone, adhere this entire layer to the layer below. Tap into place as needed.

Note: The fireplace is now complete. The first fire should be smaller to better condition the concrete.

Materials Used:
(20) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



4

OPEN FIREBOX

DIFFICULTY
BEGINNER

INSTALLATION
1-2 PEOPLE

BENEFITS
GAS BURNER
FOCUSED

KIT SIZE
46"H X 96"W X 52"D

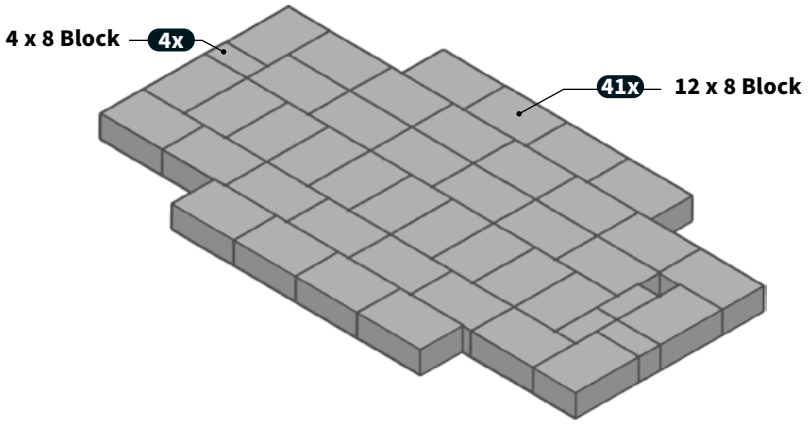
FIREBOX SIZE
24"H X 39"W X 13.5"D

1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram. The gap can be moved as needed if working with a gas burner. The four blocks on the front and back are optional.

B. LEVEL AND SHIM AS NEEDED
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

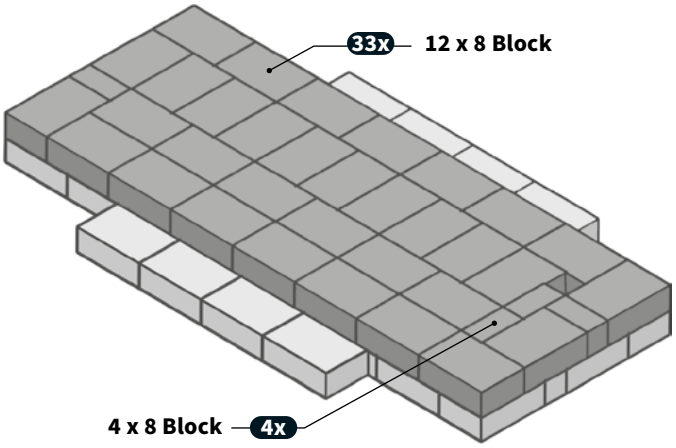
Materials Used:
(41) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks



2

A. LAY THE SECOND BLOCK LAYER
Ensure the gap is flush with the gap below. If using a gas burner, the gas line can run through this gap or come through the side or back of unit by removing/cutting a block.

Materials Used:
(33) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks



3

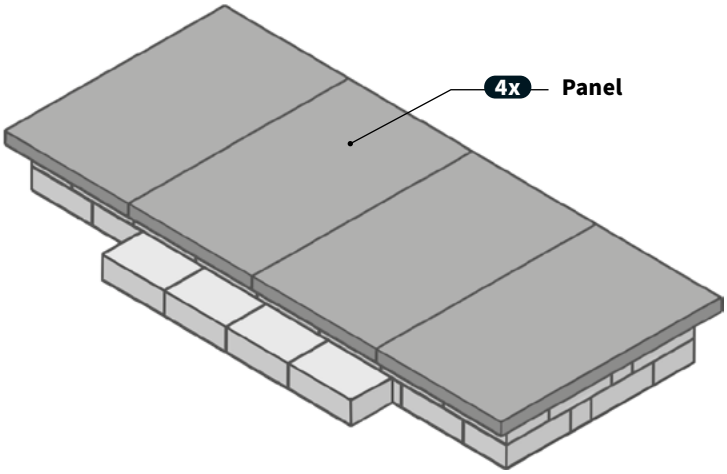
A. PLACE AND CENTRE THE PANELS
Centre 4 panels on the first layer with the smooth side facing up.

⦸ Do not use any shims under the panels. If you notice some wobbling use silicone or re-level the layer below.

B. CHECK THE OVERHANG
On both sides the panels overhang 2", and on the front and back they overhang 3".

Note: Confirming level is essential. It is best to avoid using shims as much as possible going forward.

Materials Used:
(4) Panels



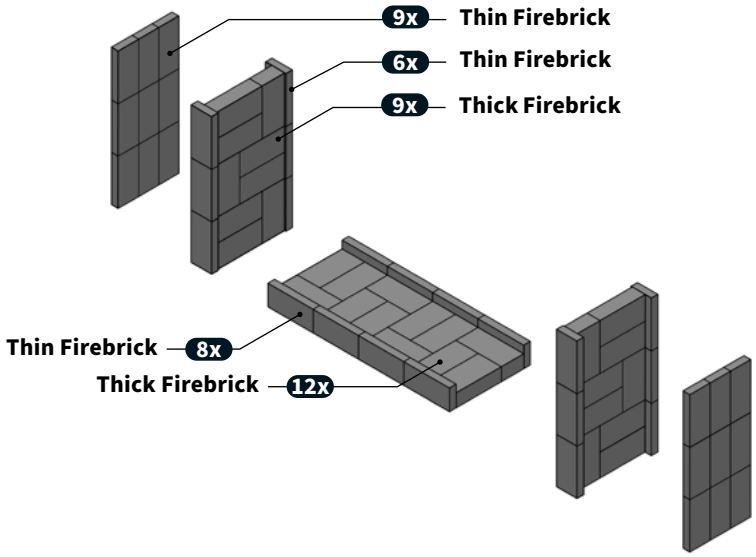
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(38) Thin Firebrick
(30) Thick Firebrick



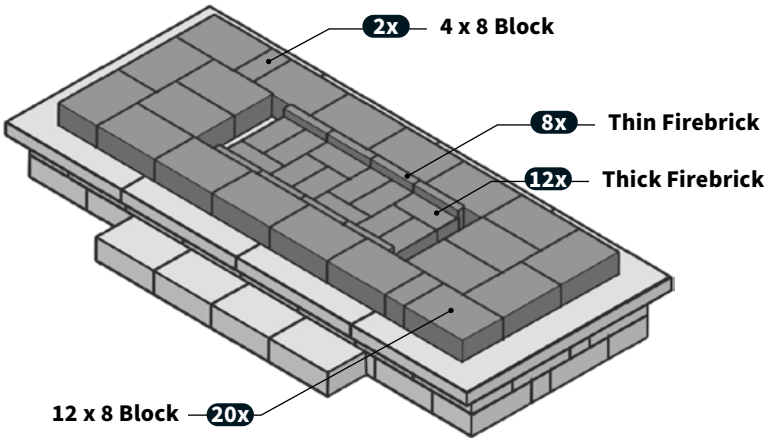
5

A. LAY THE THIRD BLOCK LAYER
Centre blocks 5" from the front and back of the panels as well as 6" from the ends of both panels on both sides.

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. These will be a tight fit so tap them into place with a mallet.

Note: A small gap between the firebrick floor and walls on both sides is okay. This can be filled with sand at the end or just left as is. Level layer if needed.

Materials Used:
(20) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(12) Thick Firebrick



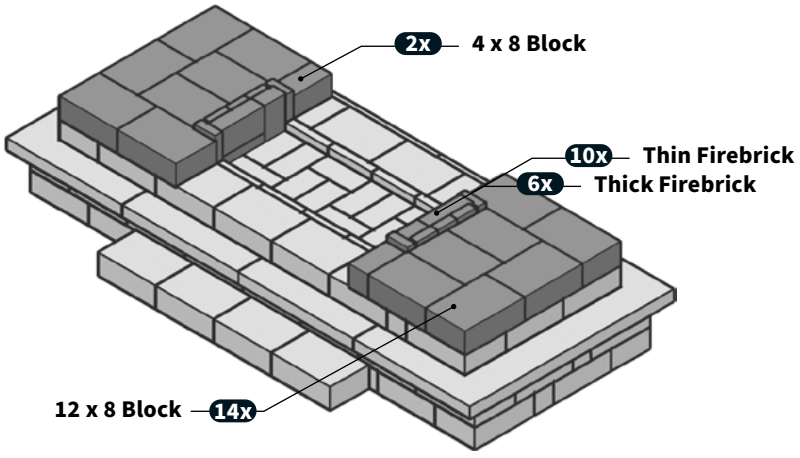
6

A. THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

B. FIREBRICK WALL INSTALLATION
Place the first two rows of firebrick as shown in step 4. Silicone dots can be used if pieces feel loose. Tap into place with mallet so they are tight.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

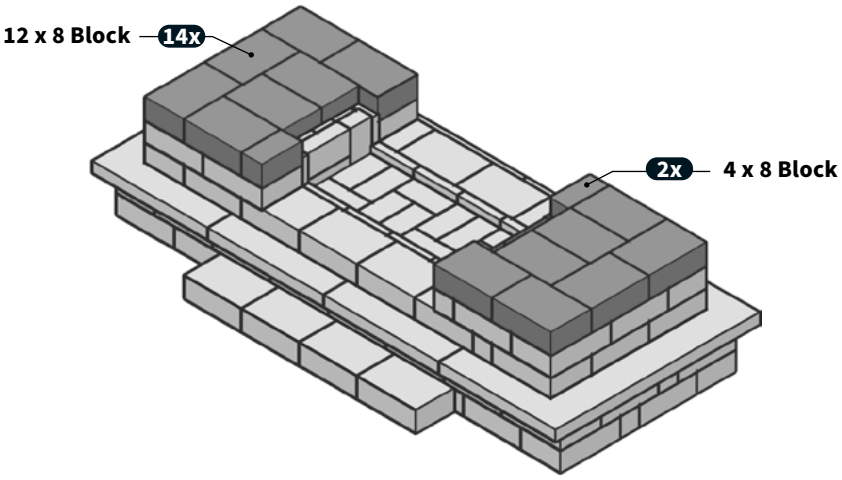
Materials Used:
(14) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary.

Materials Used:
(14) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



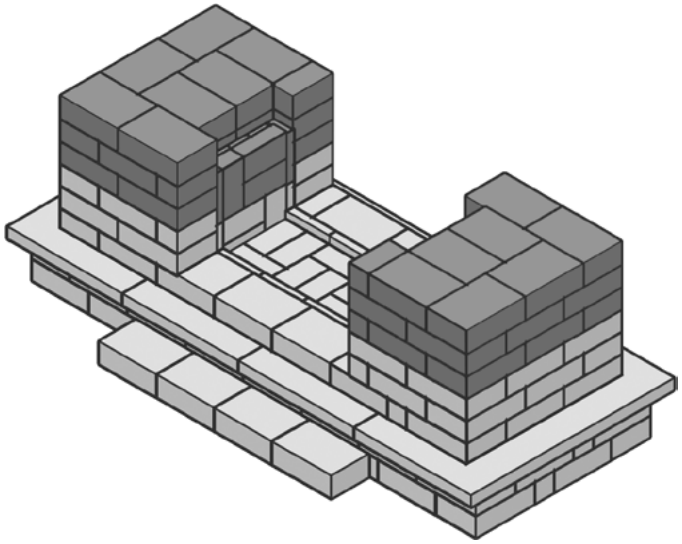
8

A. REPEAT STEPS 6 & 7
Repeat the last two layers until you have a total of 5 layers above the panel layer.

B. CONTINUE FIREBRICK INSTALLATION
Add another two rows of firebrick as shown. The walls are a tight fit so tap into place with a mallet.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side.

Materials Used Per Layer:
(42) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



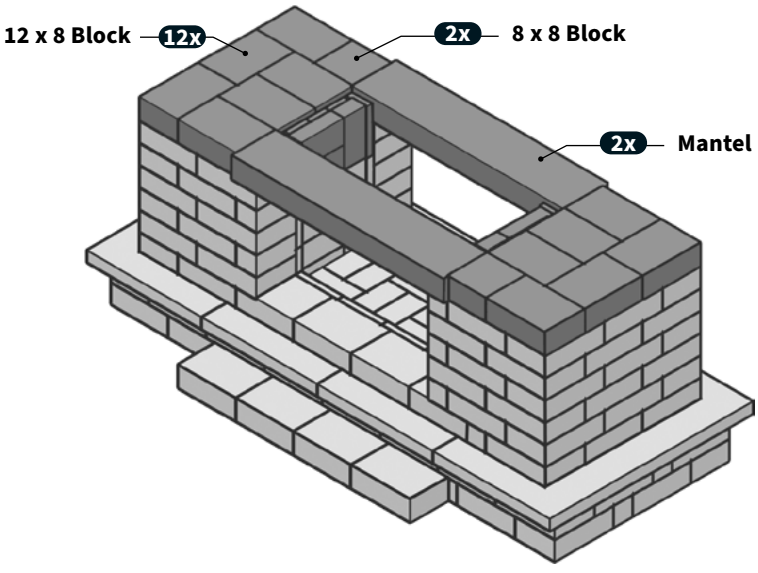
9

A. LAY NINTH BLOCK LAYER
Place the mantels so the text stating "this side down" is facing downward. The smooth side should be facing outwards. The side facing outwards should overhang by 1".

B. MANTEL PLACEMENT
The mantel and the four Caliber Stone blocks should line up with the ends of the Caliber Stone underneath. Tap blocks and level walls if they do not line up with the mantels.

C. FINISH FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick
(2) Mantel



10

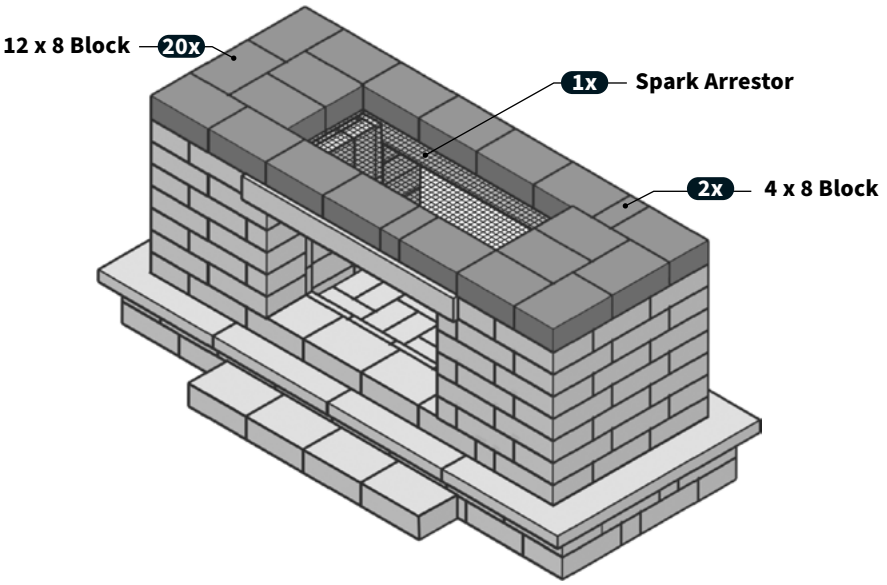
A. LAY THE TENTH BLOCK LAYER
Confirm measurements and level in all directions.

B. SILICONE BLOCKS ABOVE MANTEL
Using a small dot of silicone per piece, adhere each unit in place that sits above the mantel.

Optional: Snip the wire mesh Spark Arrestor to 17"x 45" and place above spark arrestor. This will be held in place by friction.

Note: Once a block is siliconed it will have a tendency to slide. Tap them back into place before the silicone settles.

Materials Used:
(20) 12" x 8" x 4" Blocks (2) 4" x 8" x 4" Blocks



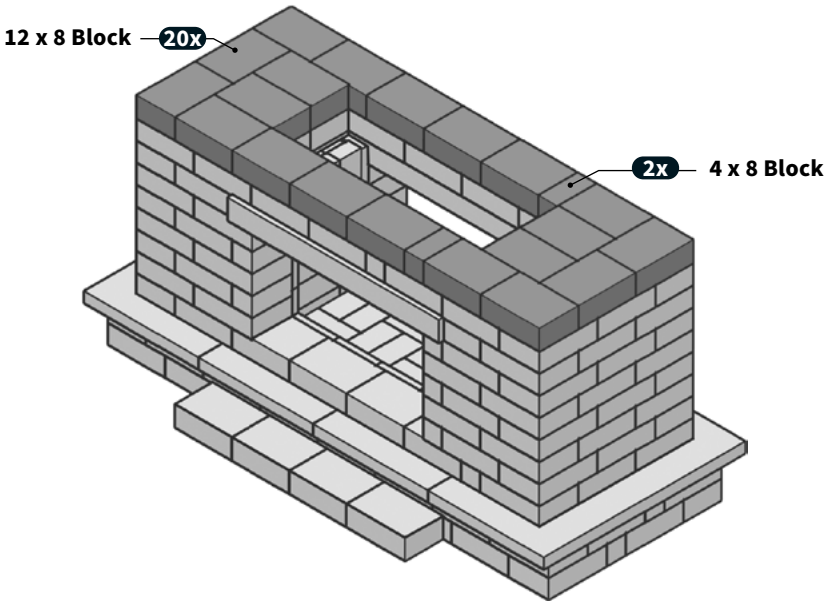
11

A. LAY THE FINAL BLOCK LAYER
Place the next layer as shown and level as necessary. This layer is centred on the layer below.

SILICONE THE TOP LAYER
Using a continuous bead of silicone, adhere this entire layer to the layer below. Tap into place as needed.

Note: The fireplace is now complete. The first fire should be smaller to better condition the concrete.

Materials Used:
(20) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



5

CLOSED FIREBOX

DIFFICULTY
BEGINNER

INSTALLATION
1-2 PEOPLE

BENEFITS
WOOD STORAGE

KIT SIZE
74"H X 96"W X 42"D

FIREBOX SIZE
24"H X 39"W X 13.5"D

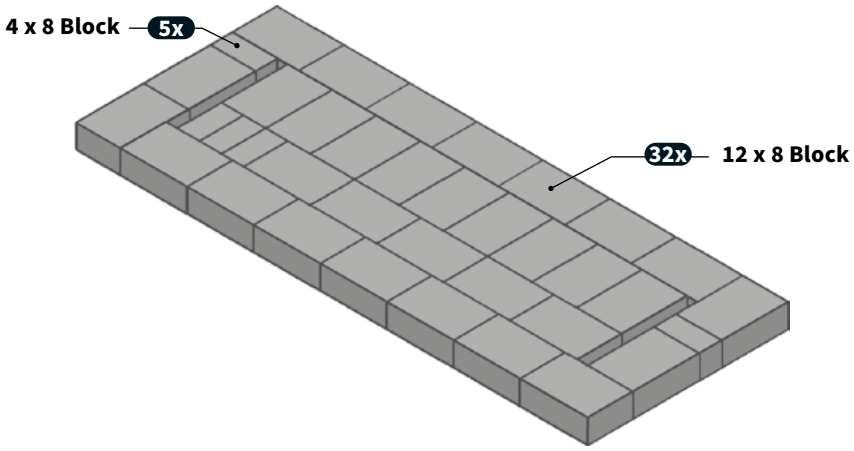
1

A. LAY FIRST BLOCK LAYER
Leave a gap as shown. This gap can be moved as needed if working with a gas burner.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: It is important to use the correct Blocks as shown. That way you will use the correct amount of pieces in the kit.

Materials Used:
(32) 12" x 8" x 4" Blocks
(5) 4" x 8" x 4" Blocks



2

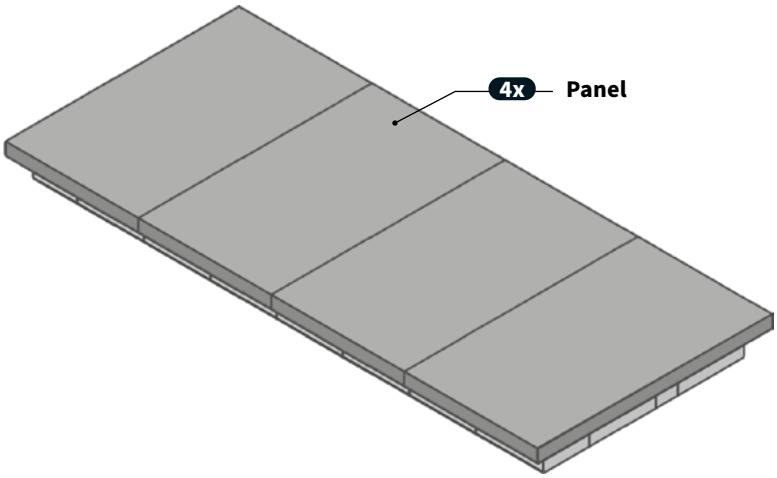
A. PLACE AND CENTRE THE PANELS
Centre 4 panels on the first layer with the smooth side facing up.

⦸ Do not use any shims under the panels. If you notice some wobbling use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: If you are using a gas burner you will either need to drill through these panels or come in through the back.

Materials Used:
(4) Panels



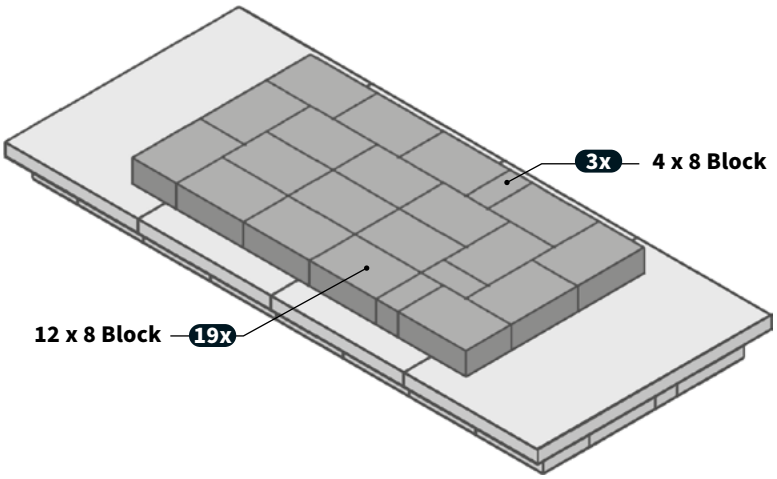
3

A. LAY THE SECOND BLOCK LAYER
⦸ Do not use any shims underneath this layer to avoid causing a point load on the panels below.

B. ENSURE THE LAYER IS CENTRED
This layer sits centred on the panels, 5" from the front and back of the panels. As well as 18" from the ends of both panels on both sides.

Note: Avoid using shims after this layer, as gaps will be visible. If this layer is levelled carefully, it will be easier to avoid shims in the next steps.

Materials Used:
(19) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



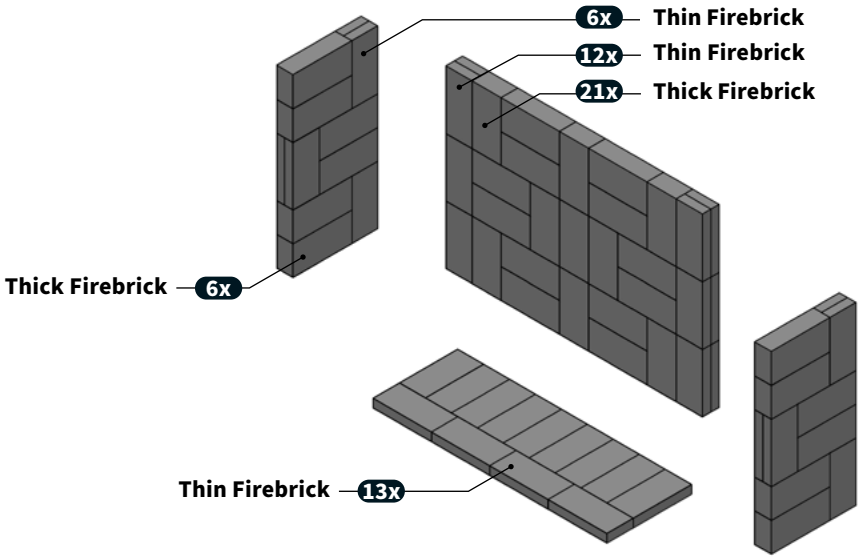
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(37) Thin Firebrick
(33) Thick Firebrick



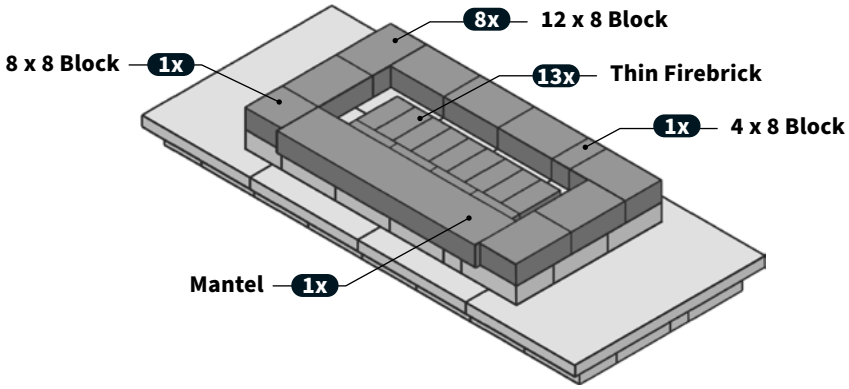
5

A. LAY THE THIRD BLOCK LAYER
Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. The firebrick should touch the front.

Note: Fill small gaps between the fire-block and walls with sand or thin firebrick pieces cut to size after completing the fireplace.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(13) Thin Firebrick
(1) Mantel



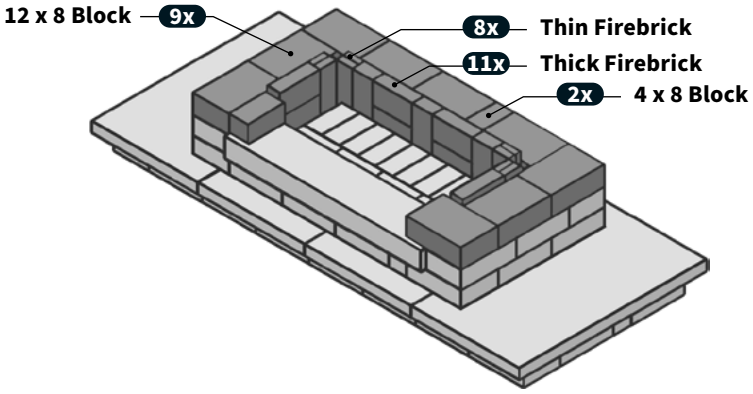
6

A. LAY THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(9) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick

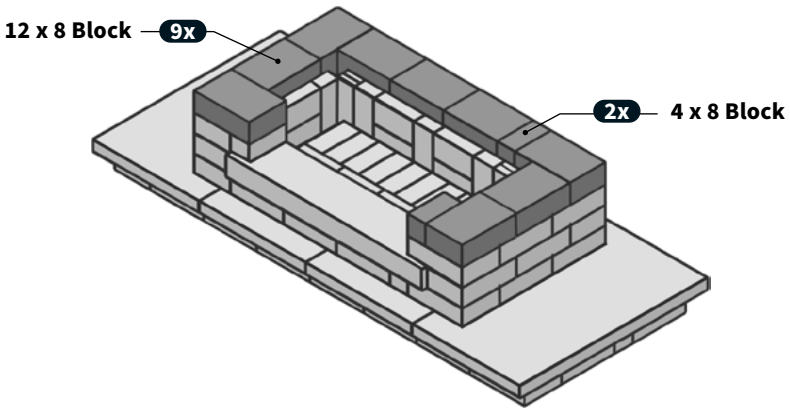


7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary

Note: Do not use silicone unless instructed to avoid the pieces from slipping.

Materials Used:
(9) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



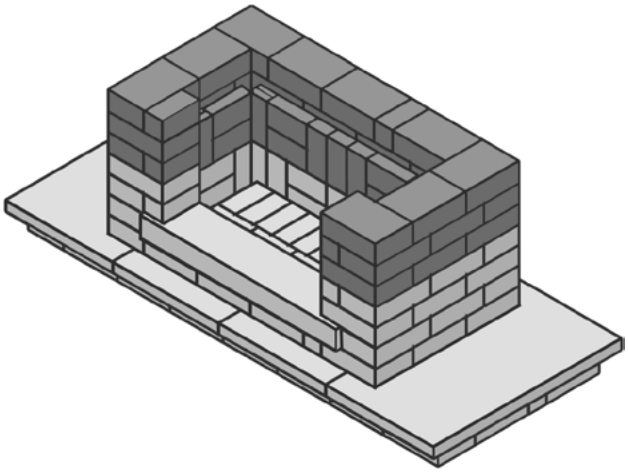
8

A. REPEAT STEP 6 & 7
Repeat the layers from Step 5 and 6 until you are a total of 5 layers above the mantel.

B. CONTINUE FIREBRICK INSTALLATION
Place the next two rows of firebrick as shown. Silicone can be used if pieces feel loose.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side in the front.

Materials Used Per Layer:
(27) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick



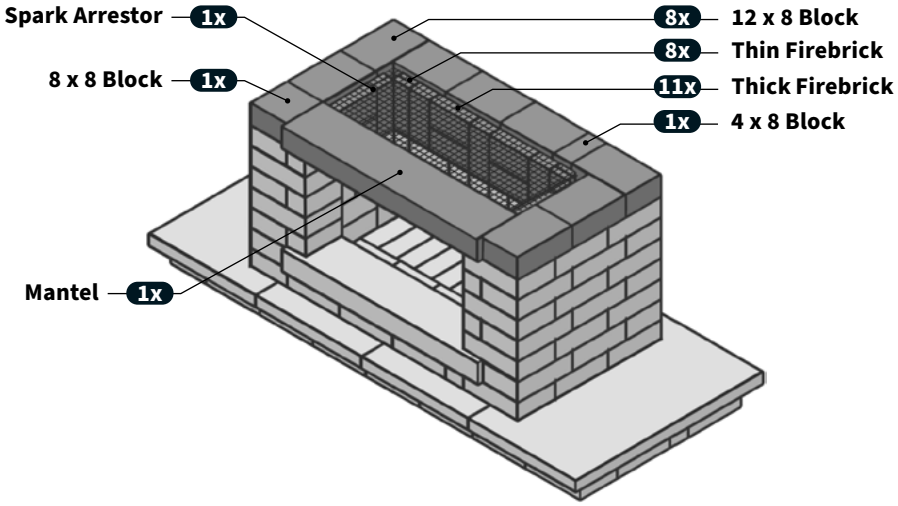
9

A. LAY THE NINTH BLOCK LAYER
Place the mantel so the text stating "this side down" is facing down. The mantel will overhang to the front by 1".

B. FINISH FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Optional: Snip wire mesh Spark Arrestor to 17"x 45" and place above spark arrestor. This will be held in place by friction.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick
(1) Mantel

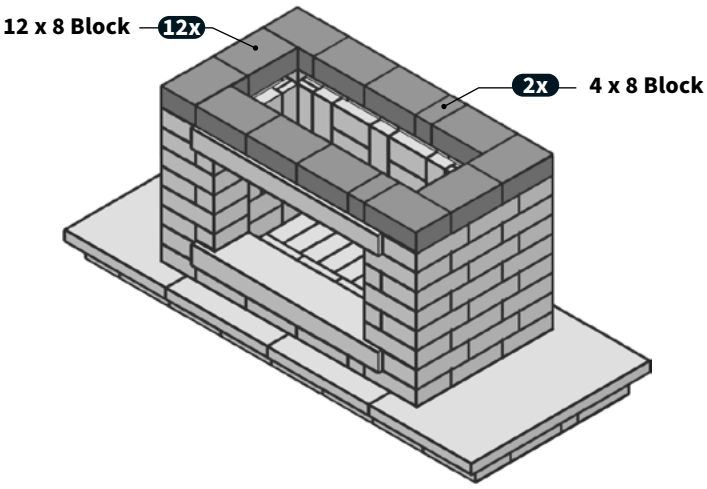


10

A. LAY THE TENTH BLOCK LAYER
Level as necessary.

B. CONFIRM VERTICAL LEVEL
Continue to level the sides of the unit as you do each layer to avoid any potential sway in the fireplace.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



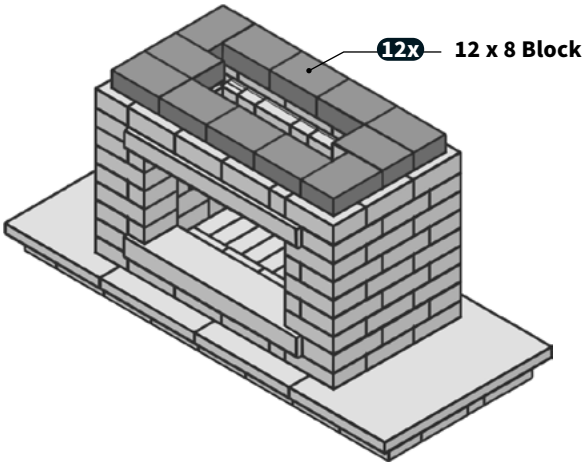
11

A. LAY THE ELEVENTH BLOCK LAYER
Do not use any silicone as it will make the units want to slide.

B. CONFIRM MEASUREMENTS
On all four sides, the blocks overhang inwards by 2".

Note: The overhang inwards is by design. Place a block on top of the blocks on the end to hold them in place if they feel like they may fall inwards. Once the next row is placed they will be secured.

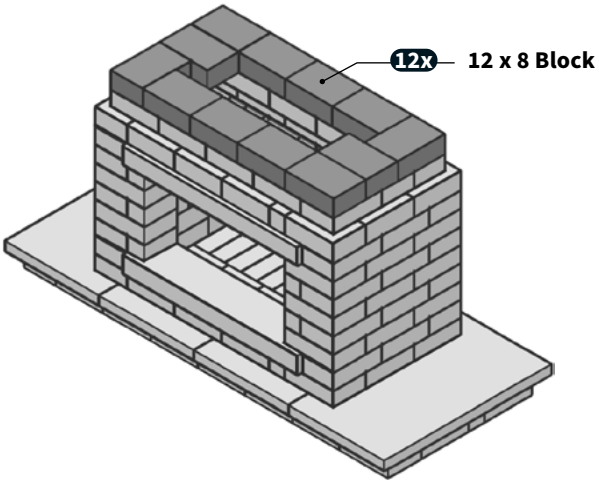
Materials Used:
(12) 12" x 8" x 4" Blocks



12

A. LAY THE TWELFTH BLOCK LAYER
Level as necessary.

Materials Used Per Layer:
(12) 12" x 8" x 4" Blocks



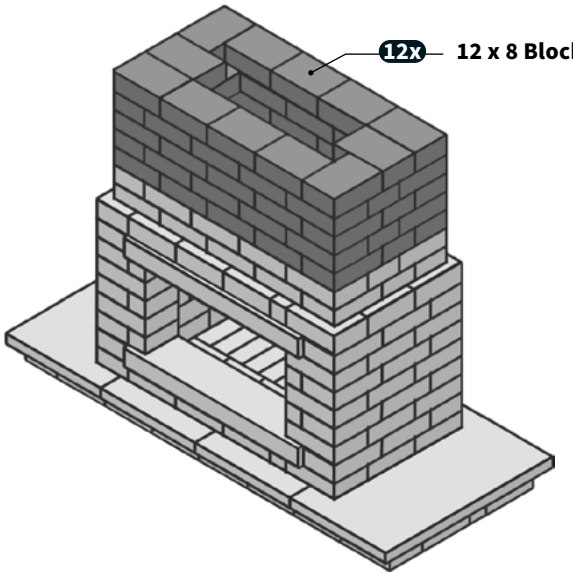
13

A. REPEAT STEPS 11 & 12
Repeat the patterns from step 11 and 12 until you are 8 layers above the mantel.

B. SILICONE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used Per Layer:
(60) 12" x 8" x 4" Blocks



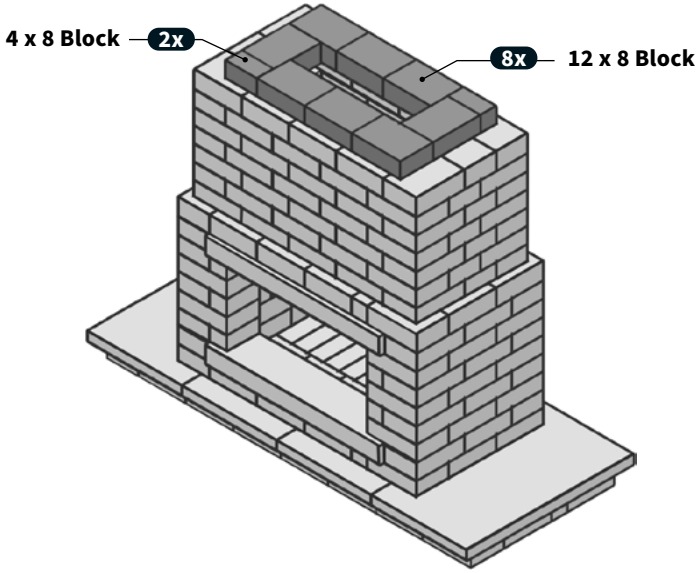
14

A. PLACE THE FINAL LAYER AS SHOWN
This layer sits centred on the layer below. It overhangs 2" from the front and back and 6" from the sides.

B. SILICONE FINAL LAYER
Silicone this last layer with a continuous bead of silicone and tap into place.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



5

OPEN FIREBOX

DIFFICULTY
BEGINNER

INSTALLATION
1-2 PEOPLE

BENEFITS
WOOD STORAGE

KIT SIZE
74"H X 96"W X 42"D

FIREBOX SIZE
24"H X 39"W X 13.5"D

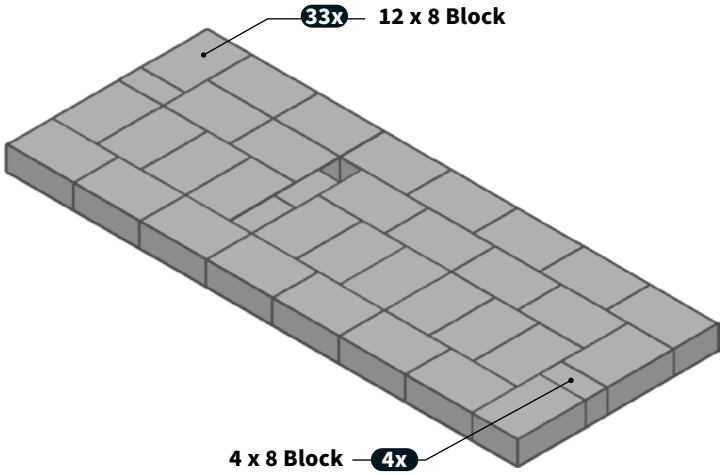
1

A. LAY THE FIRST BLOCK LAYER
Leave a gap as shown. This gap can be moved as needed if working with a gas burner.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: It is important to use the correct Blocks as shown. That way you will use the correct amount of pieces in the kit.

Materials Used:
(33) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks

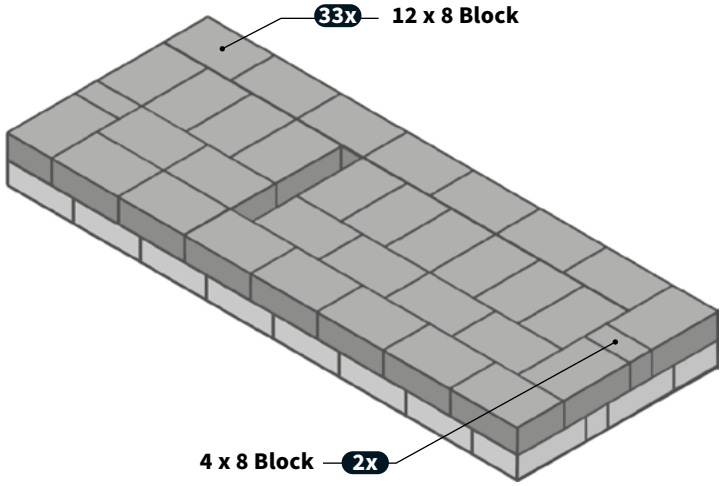


2

A. LAY THE SECOND BLOCK LAYER
The gap should be lined up with the gap below so blocks are not overhanging.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Materials Used:
(33) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



3

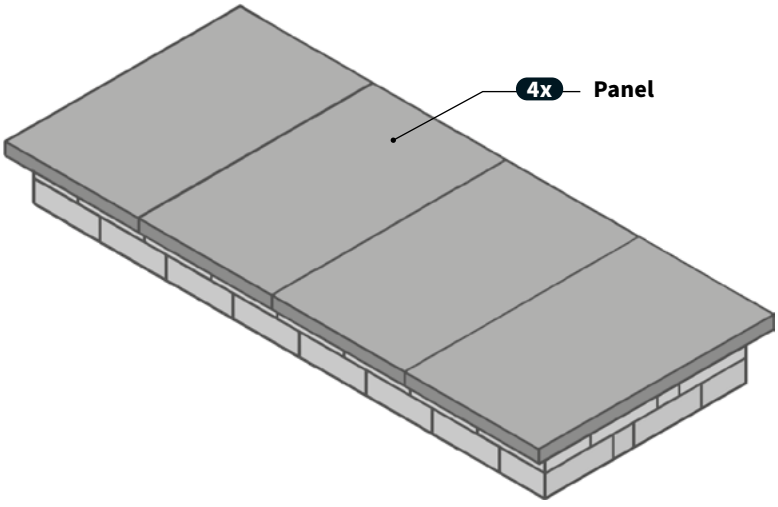
A. PLACE AND CENTRE THE PANELS
On both sides the panels overhang 2", and on the front and back they overhang 3".

B. SILICONE IF REQUIRED
If the panels are loose then re-level layer below. You can also use small dabs of the silicone to level these panels if required.

⦸ Do not use any shims under these panels as it may create a point load causing cracking.

Note: Confirming level is key as it is best to avoid using shims as much as possible from here on out.

Materials Used:
(4) Panels



4

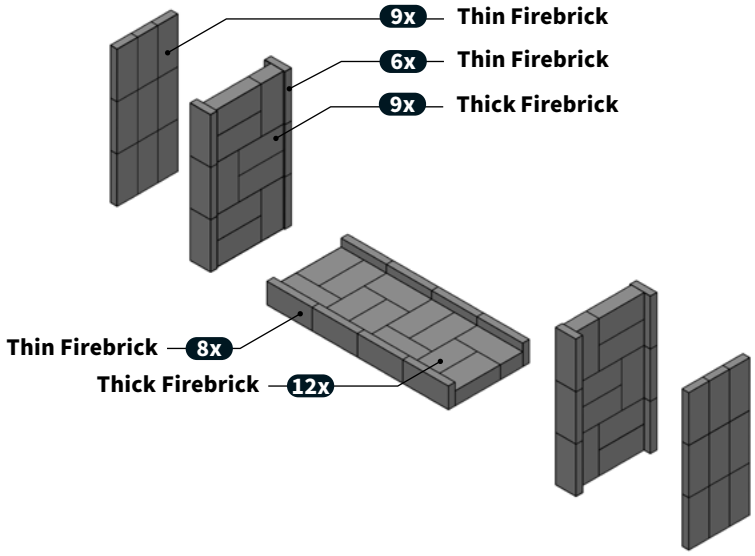
A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Note: If installing a gas burner from underneath the unit, you will need to remove or drill through the firebrick floor and panel. You can also go in from the back/side of the unit by cutting a slot into the Caliber Stone.

Materials Used:
(38) Thin Firebrick
(30) Thick Firebrick



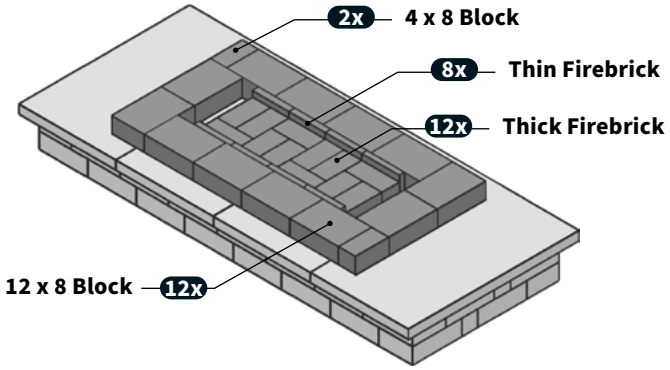
5

A. LAY THIRD BLOCK LAYER
This layer sits centred on the panels, 5" from the front and back of the panels. As well as 18" from the ends of both panels on both sides.

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. Lay the floor first and then add the sides.

Note: If installing a gas burner from underneath the unit, remove or drill through the firebrick and panel, or go in from the back by cutting a slot into the Caliber Stone.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(12) Thick Firebrick



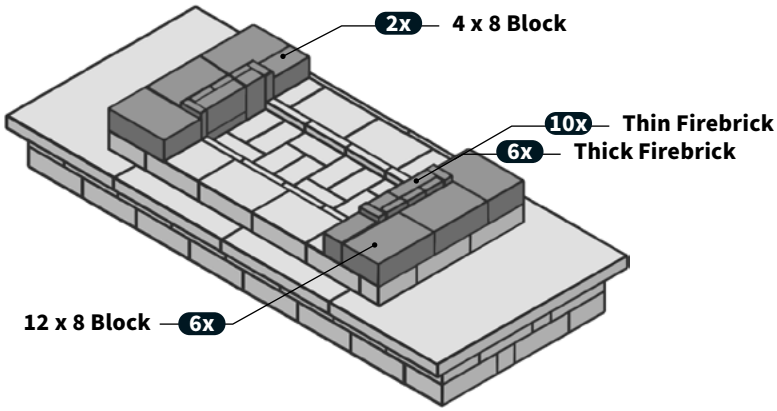
6

A. LAY THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if the pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick

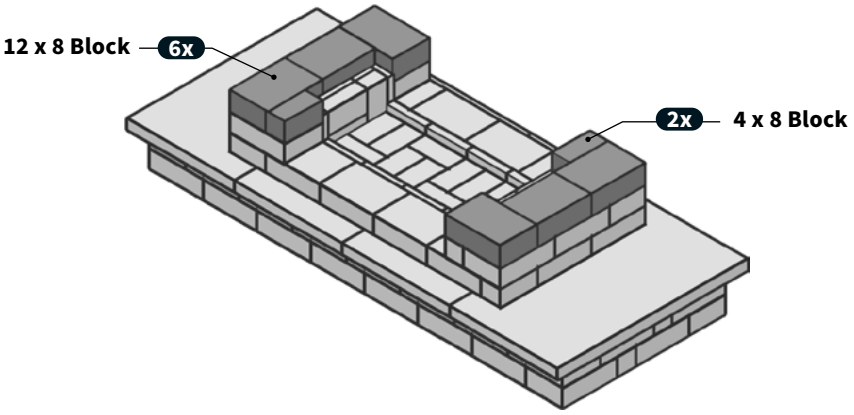


7

A. LAY THE FIFTH BLOCK LAYER
Level as necessary

Note: Only use silicone where suggested as silicone makes the blocks want to slide making install more difficult.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



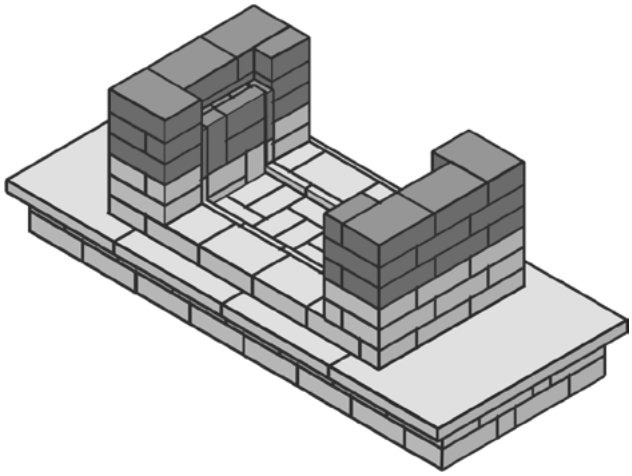
8

A. REPEAT STEPS 6 & 7
Repeat the patterns from step 6 and 7 until you are 5 layers above the base layer with the firebrick floor.

B. CONTINUE FIREBRICK INSTALLATION
Place the next two rows of firebrick as shown. Silicone can be used if pieces feel loose.

Note: The firebrick can be finished up between this step and the next step with the mantels.

Materials Used:
(18) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



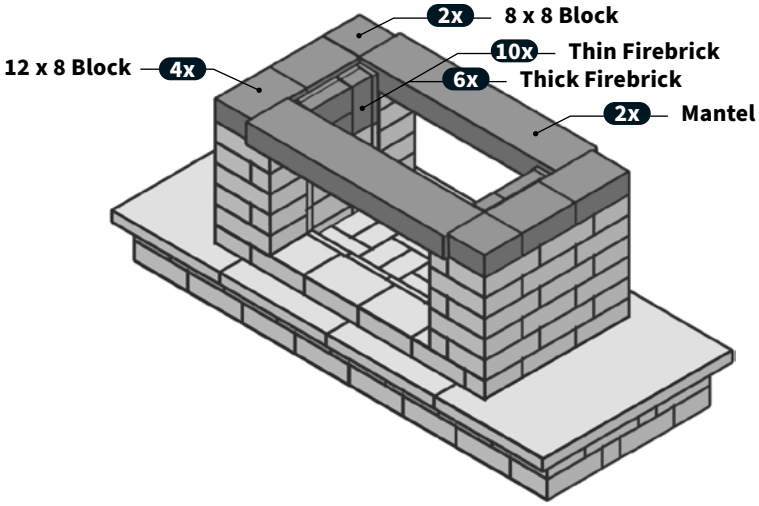
9

A. LAY THE NINTH BLOCK LAYER
Place the mantels so the text stating "this side down" is facing downward. The smooth side should be facing outwards. The side facing outwards should overhang by 1".

B. COMPLETE FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

C. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Materials Used:
(4) 12" x 8" x 4" Blocks
(2) 8" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick
(2) Mantel



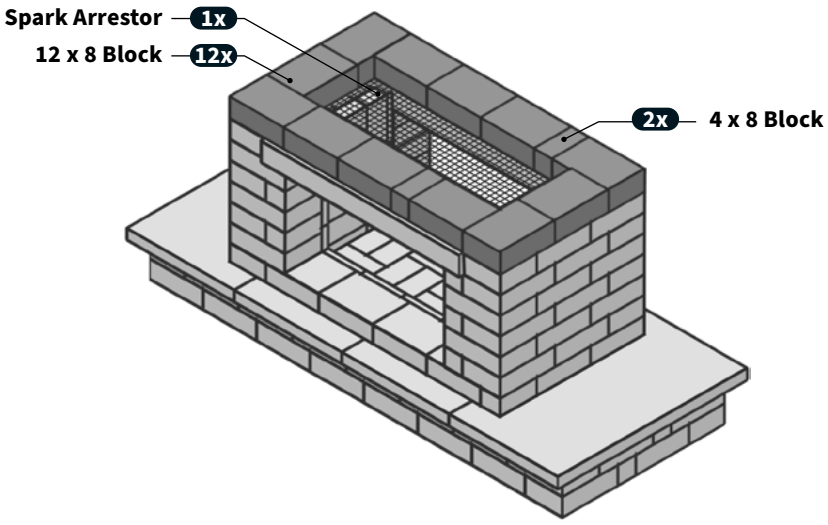
10

A. PLACE THE TENTH BLOCK LAYER
Confirm that the mantels still overhang by 1" on both sides to the front.

B. CONFIRM LEVEL
Continue to level the sides of the unit as you do each layer. Avoid shims if possible.

Optional: Snip the wire mesh Spark Arrestor to 17"x 45" and place above spark arrestor. This will be held in place by friction.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

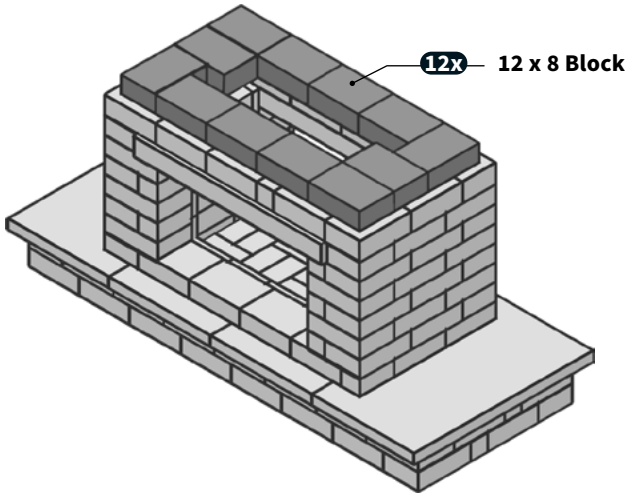


11

A. PLACE THE ELEVENTH BLOCK LAYER
On all four sides, the blocks overhang inwards by 2". Level as necessary.

Note: The overhang inwards is by design. Place a block on top of the blocks on the end to hold them in place if they feel like they may fall inwards. Once the next row is placed they will be secured.

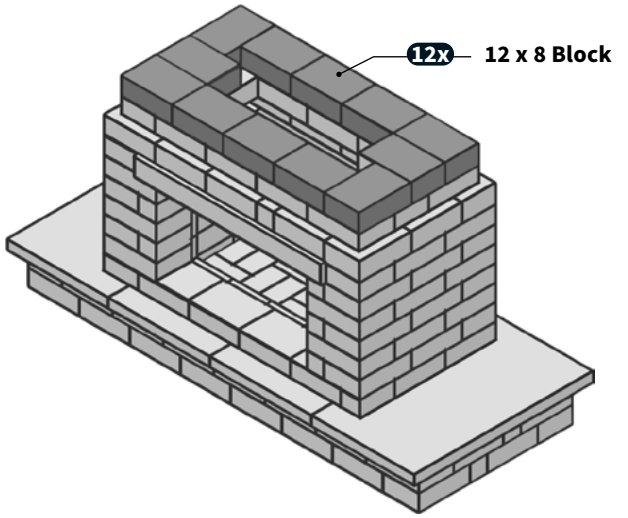
Materials Used:
(12) 12" x 8" x 4" Blocks



12

A. PLACE THE TWELFTH BLOCK LAYER
Level as necessary.

Materials Used Per Layer:
(12) 12" x 8" x 4" Blocks



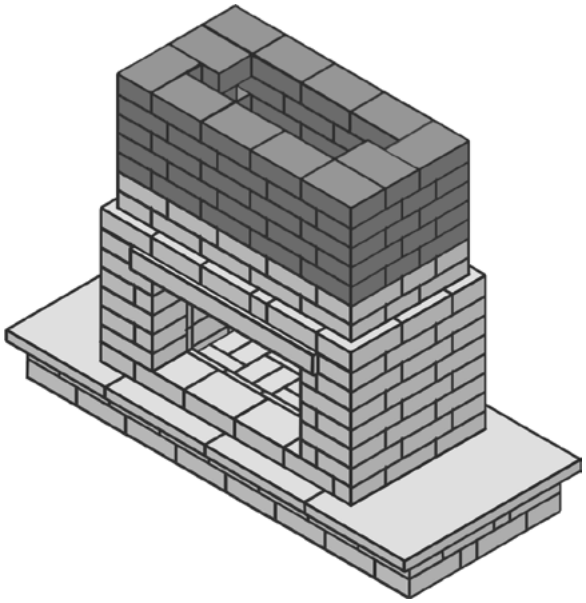
13

A. REPEAT STEPS 11 & 12
Repeat the patterns from step 6 and 7 until there are 8 layers above the mantel layer.

SILICONE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used Per Layer:
(60) 12" x 8" x 4" Blocks



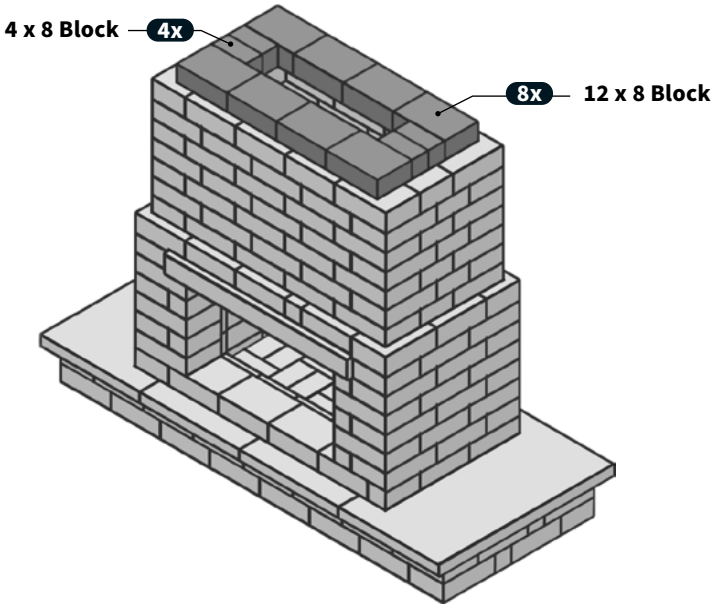
14

A. LAY THE FINAL BLOCK LAYER
This layer sits centred on the layer below. It overhangs 2" from the front and back and 4" from the sides.

B. SILICONE FINAL LAYER
Silicone this last layer with a continuous bead of silicone and tap into place.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(8) 12" x 8" x 4" Blocks
(4) 4" x 8" x 4" Blocks



6

CLOSED FIREBOX

DIFFICULTY
EXPERT

INSTALLATION
3-4 PEOPLE

BENEFITS
RAIN CAP

KIT SIZE
84"H X 72"W X 42"D

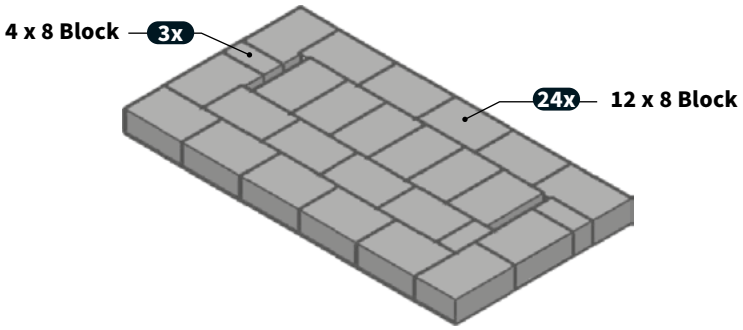
FIREBOX SIZE
24"H X 39"W X 13.5"D

1

A. LAY THE FIRST BLOCK LAYER
Leave a gap on both ends as shown. These gaps can be moved as needed if working with a gas burner.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Materials Used:
(24) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



2

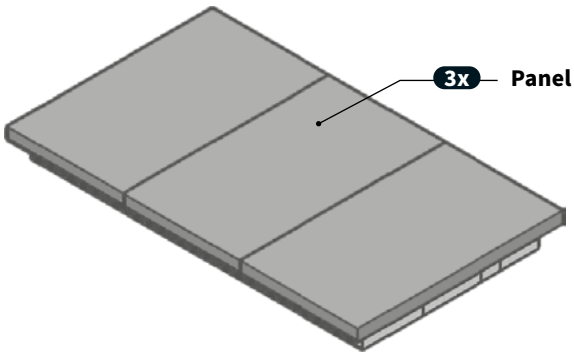
A. PLACE AND CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⃠ Do not use any shims under the panels. Shims may cause cracking. If you notice some wobbling, use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: Confirming level is essential. It is best to avoid using shims as much as possible going forward.

Materials Used: (3) Panels



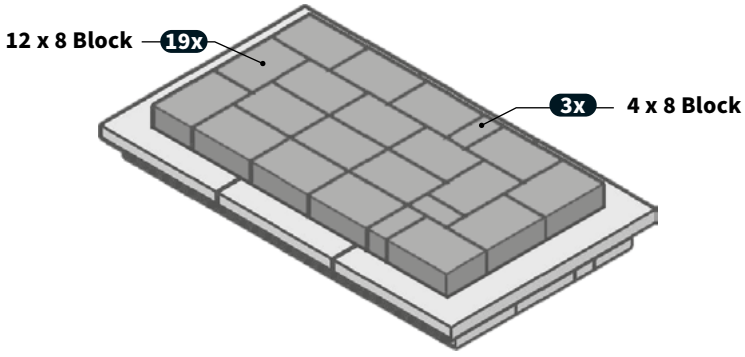
3

A. LAY THE SECOND BLOCK LAYER
This layer sits 5" from the front and back of the panels. As well as 6" from the ends of both panels on both sides.

B. CONFIRM LEVEL
Make sure this layer is level. Use small dots of silicone or shims to level this layer.

Note: After this layer it is best to avoid using shims as the shim gaps can become visible. If this layer is extremely level it will be easier to avoid shims in the next steps.

Materials Used:
(19) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



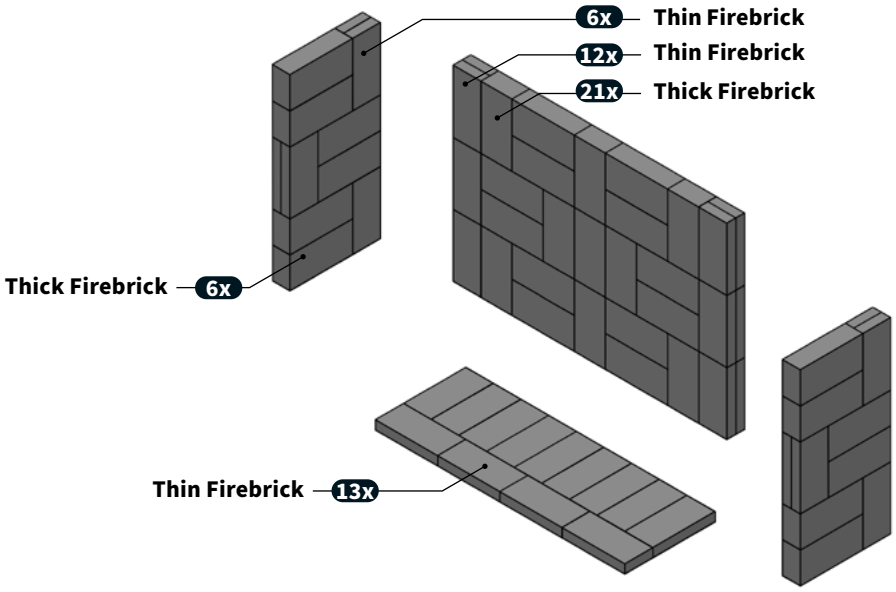
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(37) Thin Firebrick
(33) Thick Firebrick



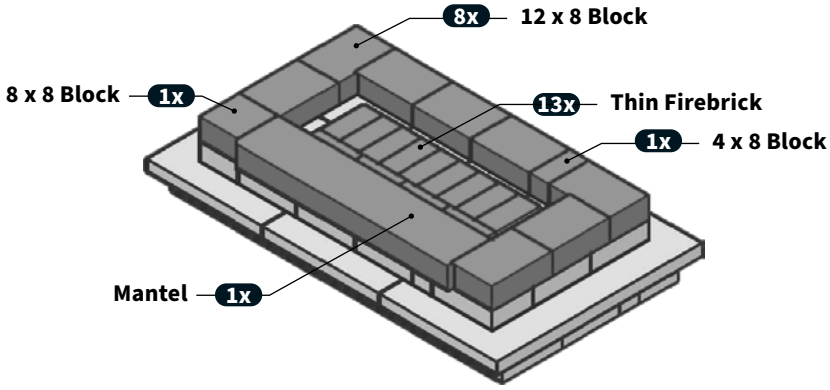
5

A. LAY THE THIRD BLOCK LAYER
Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. Use thin firebrick for the firebox floor.

Note: A small gap between the firebrick floor and walls on both sides is okay. This can be filled with sand at the end or just left as is.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(13) Thin Firebrick
(1) Mantel



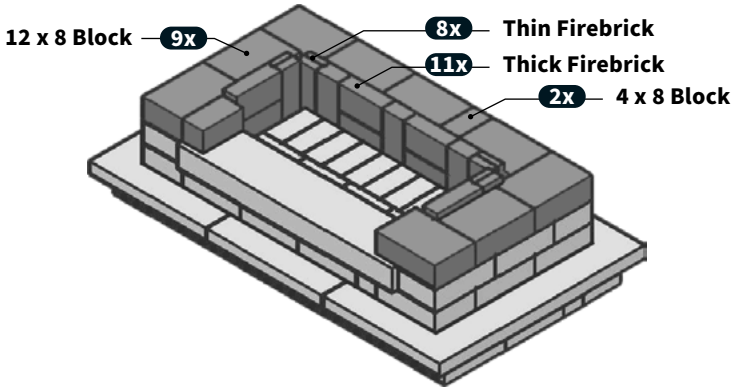
6

A. LAY THE FOURTH LAYER AS SHOWN
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(9) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick

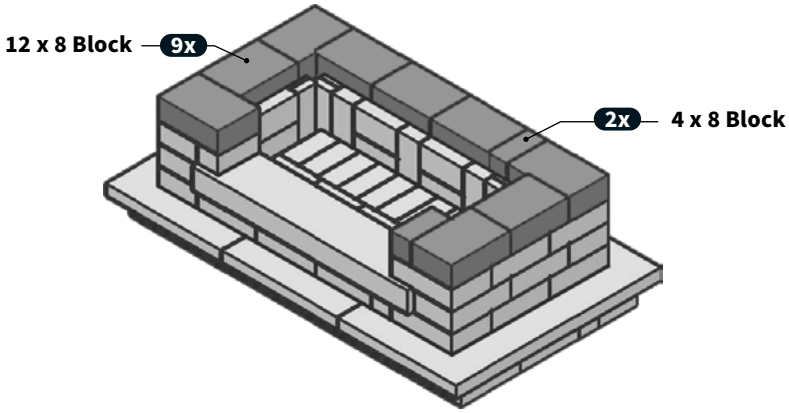


7

A. LAY THE FIFTH BLOCK LAYER
Confirm level and measurements in all directions.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(9) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

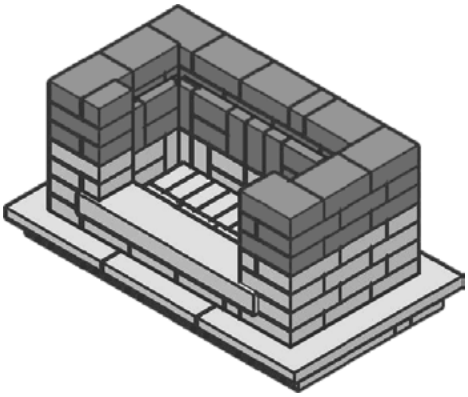


8

A. REPEAT STEPS 6 & 7
Repeat the last two steps until you have a total of 5 layers above the mantel.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side in the front.

Materials Used Per Layer:
(27) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick



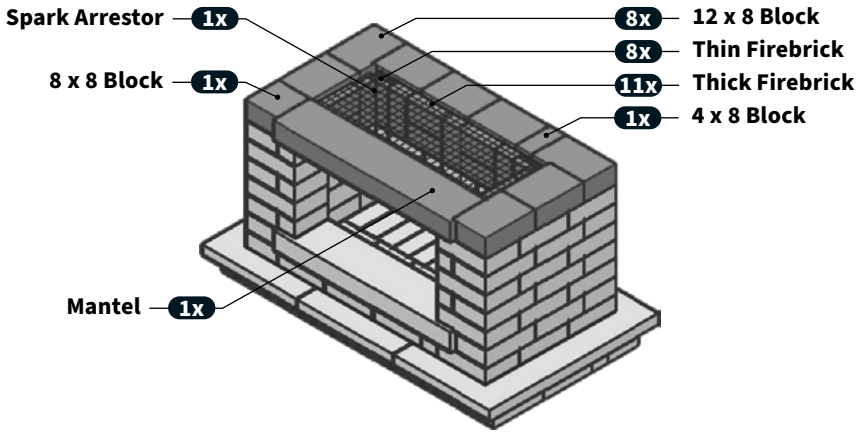
9

A. LAY THE NINTH BLOCK LAYER
Lay pattern as shown. Place the mantel with the "this side down" text facing downward. The smooth side of the mantel should be facing towards the front. It should overhang the front by 1".

COMPLETE FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Optional: Snip the wire mesh Spark Arrestor to 17"x 45" and place above spark arrestor. This will be held in place by friction.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick
(1) Mantel



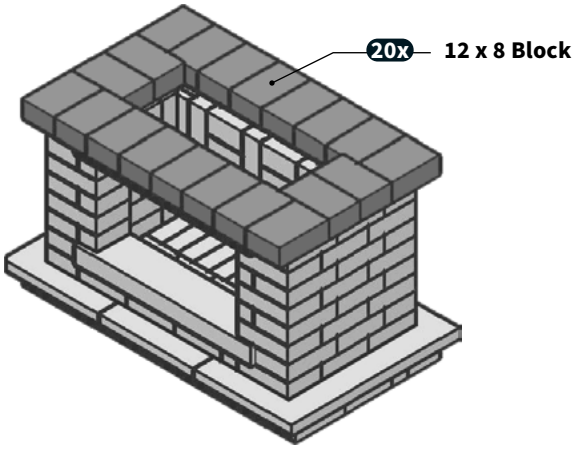
10

A. LAY THE TENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 4" on the front of the unit.

B. SILICONE CORNER BLOCKS
Using a small dot of silicone, adhere each corner unit in place so that they are secure after install.

Note: You may need to use another block to hold the corner pieces in place until the next layer is placed.

Materials Used:
(20) 12" x 8" x 4" Blocks

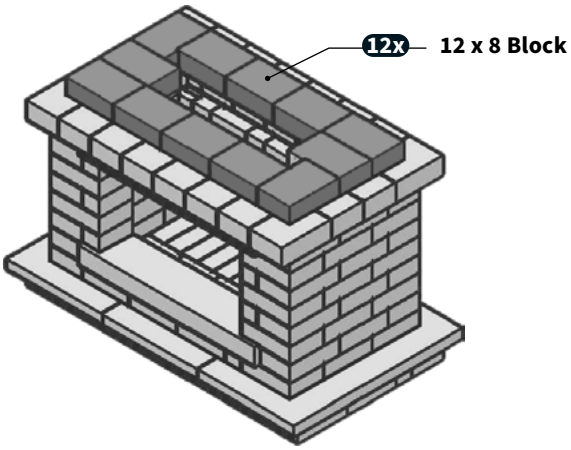


11

A. LAY THE ELEVENTH BLOCK LAYER
Place the next layer as shown and level as necessary. This layer is centred on the layer below.

Note: These pieces will have an overhang on the layer below. They do not require silicone. The overhang inwards is by design. Place a block on top of the blocks on the end to hold them in place if they feel like they may fall inwards. Once the next row is placed they will be secured.

Materials Used:
(12) 12" x 8" x 4" Blocks

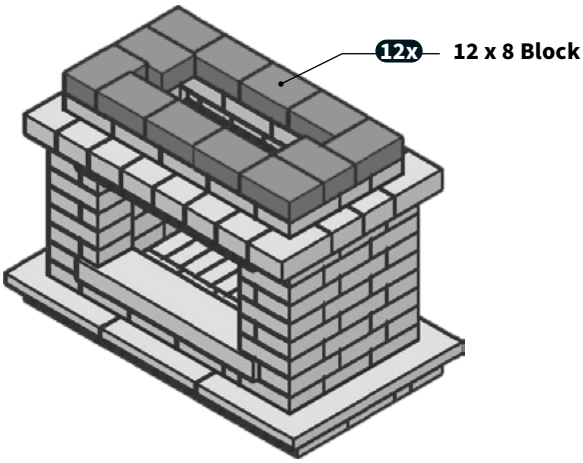


12

A. LAY THE TWELFTH BLOCK LAYER
Level as necessary.

B. CONFIRM STEP 10 LAYER
Now that you are 2 layers above the accent layer (step 10), confirm corner blocks have not moved or that they are not drooping. Add shims if needed to bring corners up.

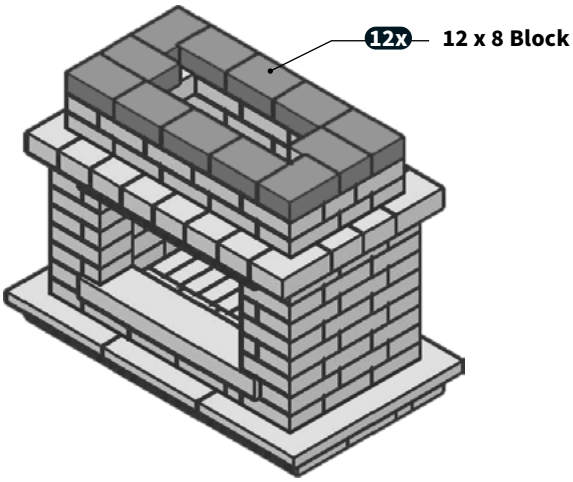
Materials Used:
(12) 12" x 8" x 4" Blocks



13

A. LAY THE THIRTEENTH BLOCK LAYER
Level as necessary.

Materials Used:
(12) 12" x 8" x 4" Blocks



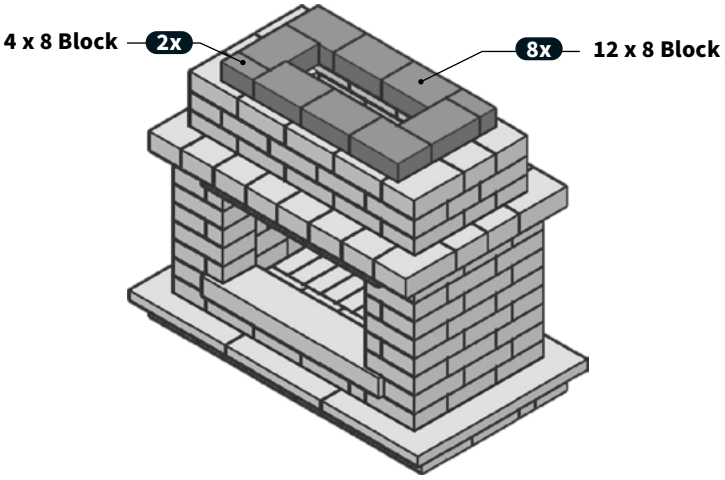
14

A. LAY THE FOURTEENTH BLOCK LAYER
The blocks overhang in the front and back by 2" inward. On the sides they overhang 6" inwards.

B. SILICONE ENTIRE LAYER
Using very small dots, silicone this entire layer so each block receives one dot.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side or in the front.

Materials Used Per Layer:
(8) 12" x 8" x 4"Blocks
(2) 4" x 8" x 4" Blocks



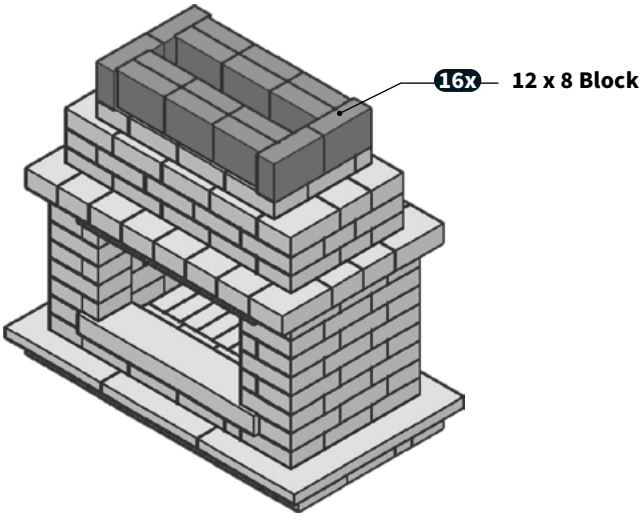
15

A. LAY THE FIFTEENTH LAYER
Rotating the blocks so they are on their ends, place as shown.

B. CREATE INDENT IN FRONT AND BACK
The front and back blocks can be pushed in to create an indent or left flush with the side blocks. We recommend a 1" indent.

Note: Using the remaining blocks, measure and match the heights of 16 blocks to make sure that they all line up when placed on their sides.

Materials Used:
(16) 12" x 8" x 4" Blocks



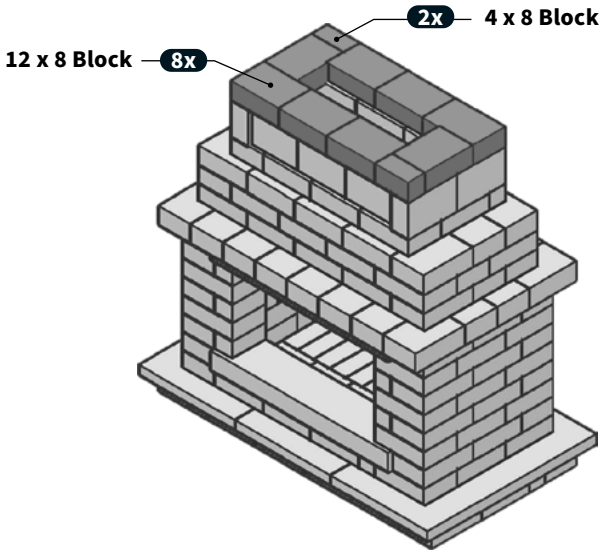
16

A. LAY THE SIXTEENTH BLOCK LAYER
Level as necessary.

B. SILICONE ENTIRE LAYER
Using very small dots, silicone this entire layer so each block receives one dot.

Note: If shims are used, smoke will escape through the gaps. If shims cannot be avoided you can use silicone to cover the gaps.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



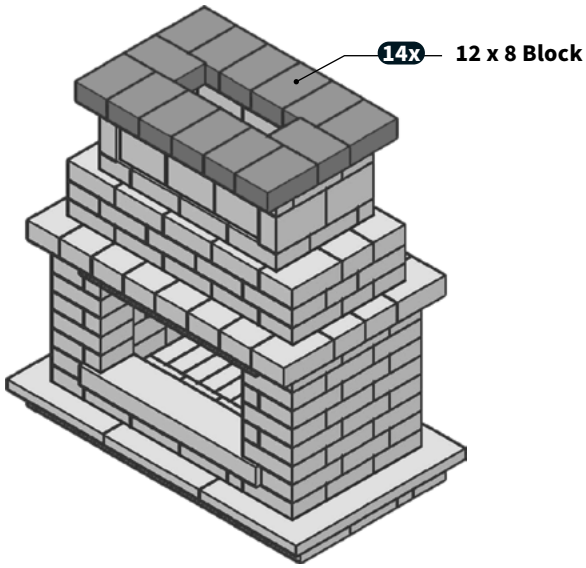
17

A. LAY THE SEVENTEENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone hangs inward by 2" on the sides of the unit and by 4" on the front and back of the unit.

B. SILICONE CORNER BLOCKS
Using a small dot of silicone, adhere each corner unit in place so that they are secure after installation.

Note: You may need to use another block to hold the corner pieces in place until the next layer is placed.

Materials Used:
(14) 12" x 8" x 4" Blocks



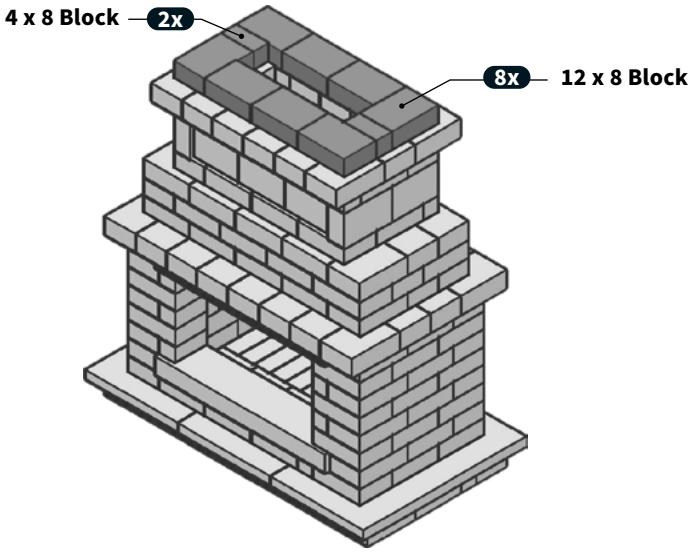
18

A. LAY THE EIGHTEENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 4" on the front and back of the unit.

B. SILICONE ENTIRE LAYER
Using a continuous bead of silicone, adhere the entire layer in place.

Note: This layer may be slippery from the silicone so let dry if time permits before continuing.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



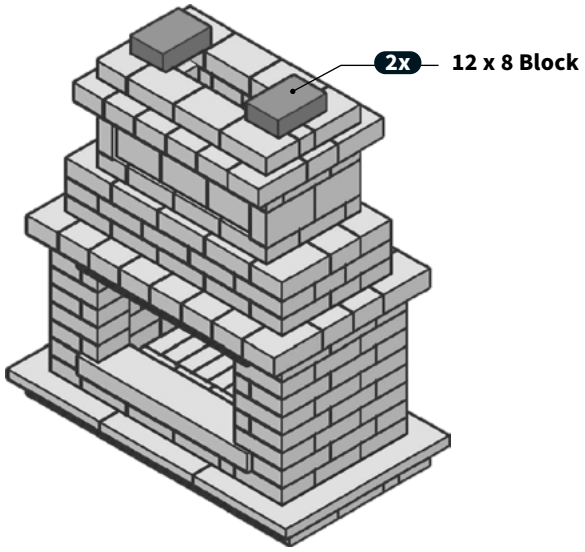
19

A. LAY THE NINETEENTH BLOCK LAYER
Place the 2 pieces of Caliber Stone on top. They should be centred front to back, and then placed 3" from both sides.

B. SILICONE UNITS INTO PLACE
Silicone both of these two pieces into place with dots of silicone.

Note: The rain cap will sit on top of these. There should be no shims under them.

Materials Used:
(2) 12" x 8" x 4" Blocks



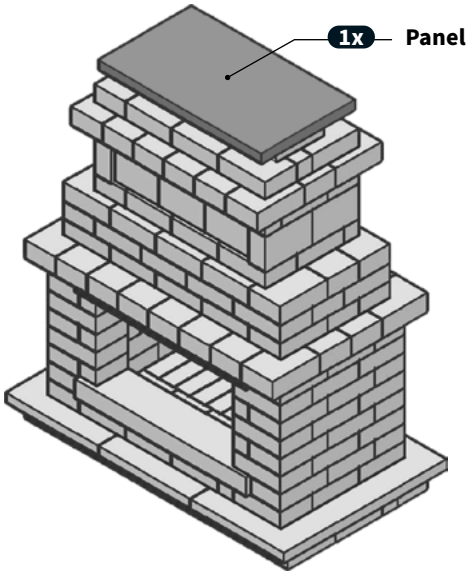
20

A. PLACE THE LAST PANEL
Centre the last panel on the layer below. There will be a 2" overhan on both sides and a 6" overhang on the front and back .

B. SILICONE PANEL INTO PLACE
Once it is placed, lift slightly and silicone into place.

Note: If installing the raincap by hand, use 3-4 people. One side of the rain cap has a smoother finish, if the fireplace can be viewed from an elevated position place smooth side upwards. If not then face smooth side downwards.

Materials Used:
(1) Panel



6

OPEN FIREBOX

DIFFICULTY
EXPERT

INSTALLATION
3-4 PEOPLE

BENEFITS
RAIN CAP

KIT SIZE
88"H X 72"W X 42"D

FIREBOX SIZE
24"H X 39"W X 13.5"D

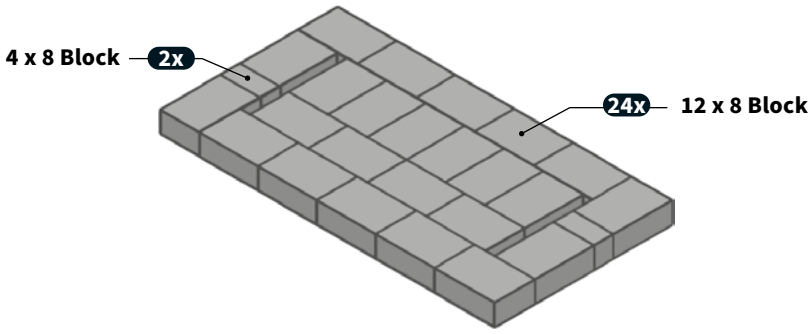
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(24) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



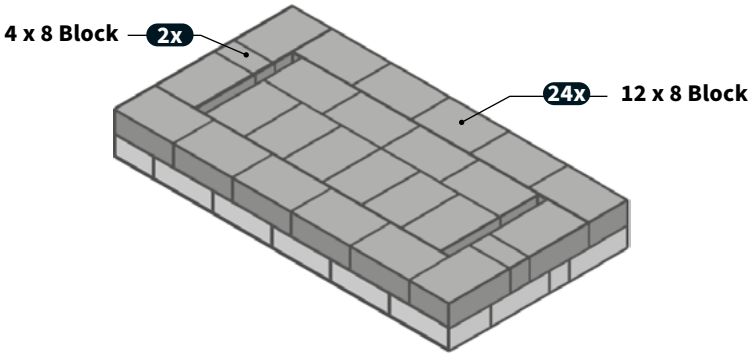
2

A. LAY THE SECOND BLOCK LAYER
The gaps on the sides should be lined up with the gaps below so that the top blocks do not overhang.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: Confirming level is key as it is best to avoid using shims as much as possible from here on out.

Materials Used:
(24) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



3

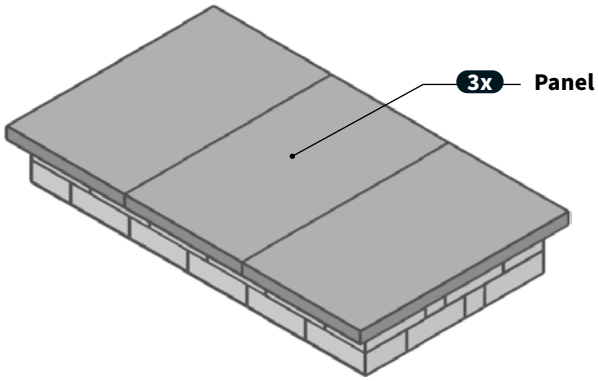
A. CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⃠ Do not use any shims under the panels. Shims may cause cracking. If you notice some wobbling, use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: After this layer it is best to avoid using shims as the shim gaps can become visible. If this layer is extremely level it will be easier to avoid shims in the next steps.

Materials Used:
(3) Panels



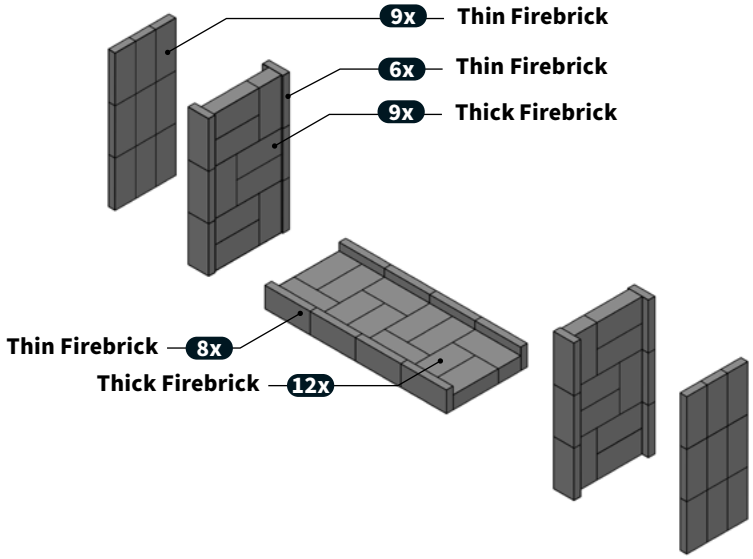
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(38) Thin Firebrick
(30) Thick Firebrick



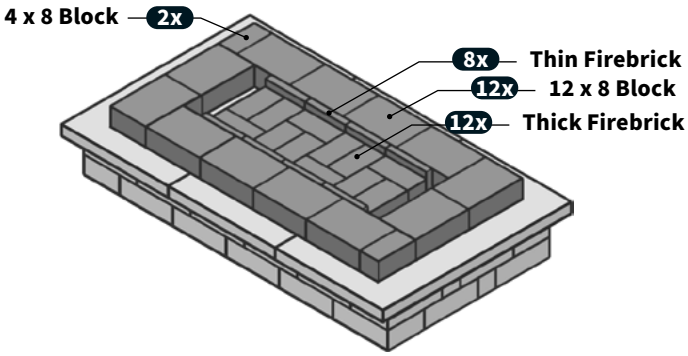
5

A. LAY THE THIRD BLOCK LAYER
This layer sits centred on the panels, 5" from the front and back of the panels. As well as 6" from the ends of both panels on both sides.

B. BEGIN LAYING THE FIREBRICK
Begin installing the firebrick floor as shown in Step 4. These will be a tight fit so tap them into place with a mallet.

Note: A small gap between the firebrick floor and walls on both sides is okay. This can be filled with sand at the end or just left as is.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(12) Thick Firebrick



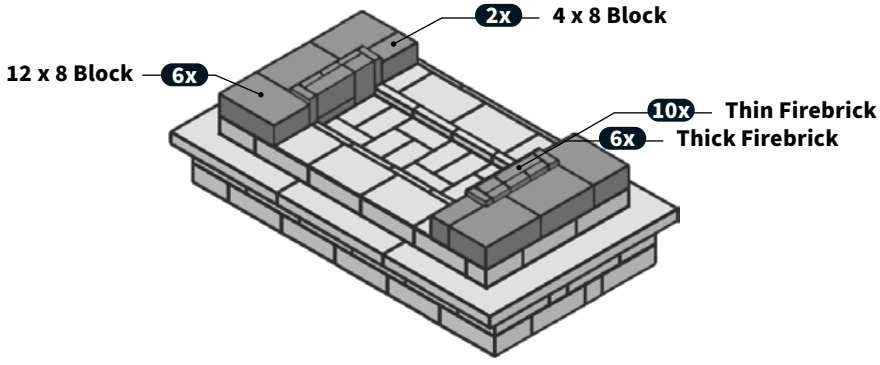
6

A. LAY THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

B. FIREBRICK WALL INSTALLATION
Place the first two rows of firebrick as shown. Silicone dots can be used if pieces feel loose. Tap into place with mallet so they are tight.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick

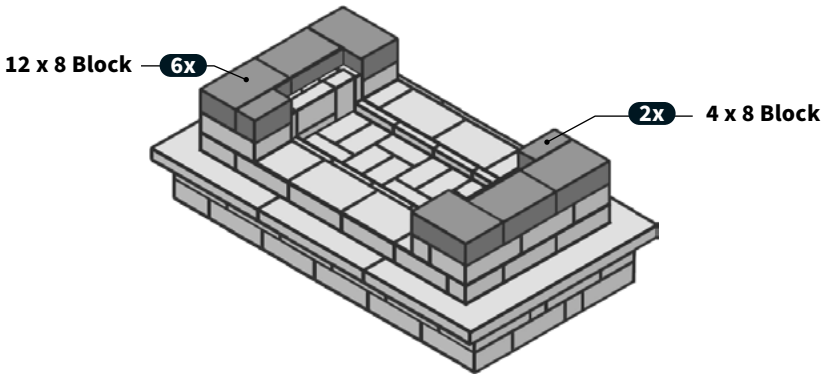


7

A. LAY THE FIFTH BLOCK LAYER
Confirm level and measurements in all directions.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side. Do not add any silicone on any steps unless instructed.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

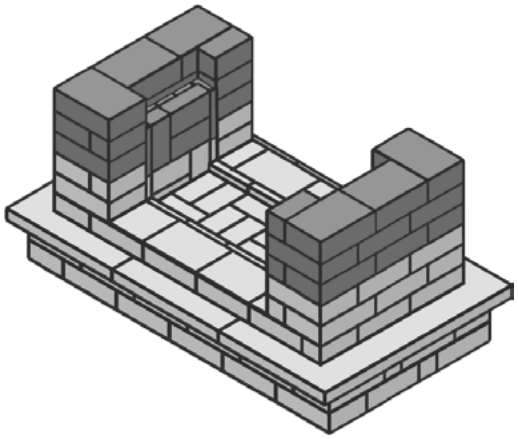


8

A. REPEAT PATTERN FROM STEP 6 & 7
Repeat the last two layers until you have a total of 5 layers above the base layer.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side.

Materials Used Per Layer:
(18) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick



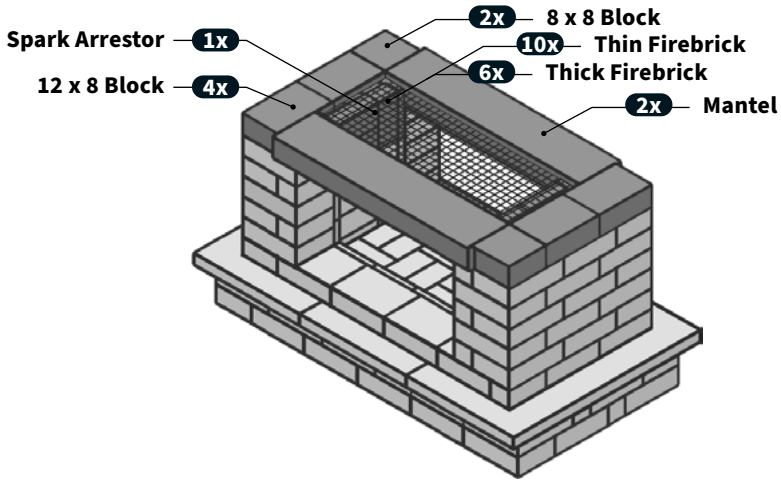
9

A. LAY THE NINTH BLOCK LAYER
Place the mantels with the "this side down" text facing downward. The smooth side of the mantels should be facing outwards. They should overhang the front by 1".

FINISH FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

Optional: Snip the wire mesh Spark Arrestor to 45"x17" and place above the firebrick. This will be held in place by friction.

Materials Used:
(4) 12" x 8" x 4" Blocks
(2) 8" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick
(2) Mantel



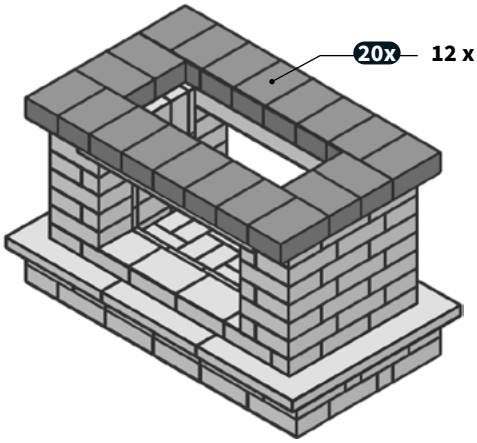
10

A. LAY THE TENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 4" on the fronts of the unit.

B. SILICONE CORNER BLOCKS
Using a small dot of silicone, adhere each corner unit in place so that they are secure after install.

Note: You may need to use another block to hold the corner pieces in place until the next layer is placed. The silicone will make them slippery so make sure to tap them into place later on if they move.

Materials Used:
(20) 12" x 8" x 4" Blocks

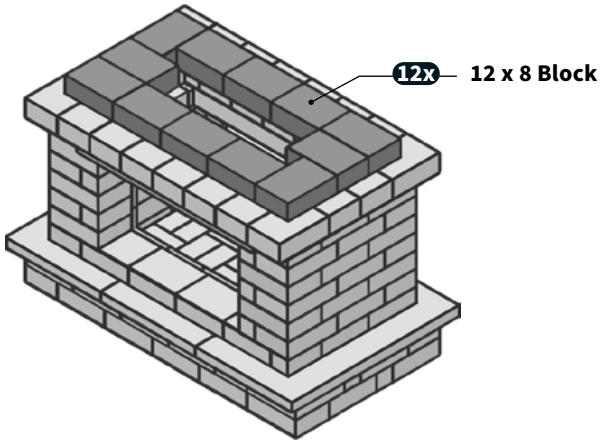


11

A. LAY THE ELEVENTH BLOCK LAYER
Place the next layer as shown and level as necessary. This layer is centred on the layer below.

Note: These pieces will have an overhang on the layer below. They do not require silicone. The overhang inwards is by design. Place a block on top of the blocks on the end to hold them in place if they feel like they may fall inwards. Once the next row is placed they will be secured.

Materials Used:
(12) 12" x 8" x 4" Blocks



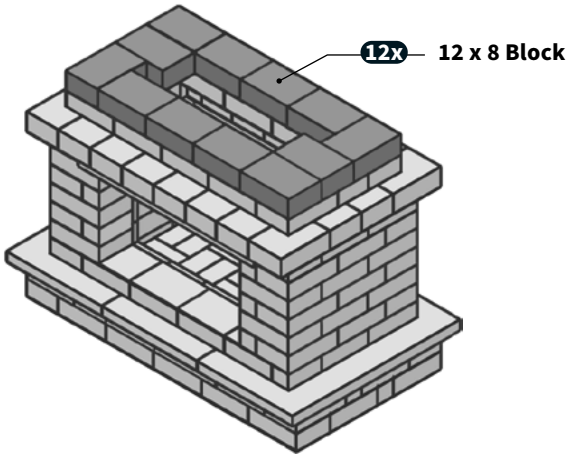
12

A. LAY THE TWELFTH BLOCK LAYER
Level as necessary.

B. CONFIRM STEP 10 LAYER
Now that you are 2 layers above the accent layer (step 10), confirm corner blocks have not moved or that they are not drooping. Add shims if needed to bring corners up.

Note: The inward overhang above the layer below is intentional and by design.

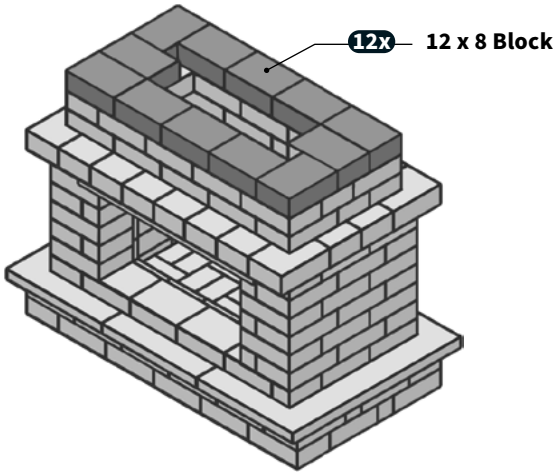
Materials Used:
(12) 12" x 8" x 4" Blocks



13

A. LAY THE THIRTEENTH BLOCK LAYER
Level as necessary.

Materials Used:
(12) 12" x 8" x 4" Blocks



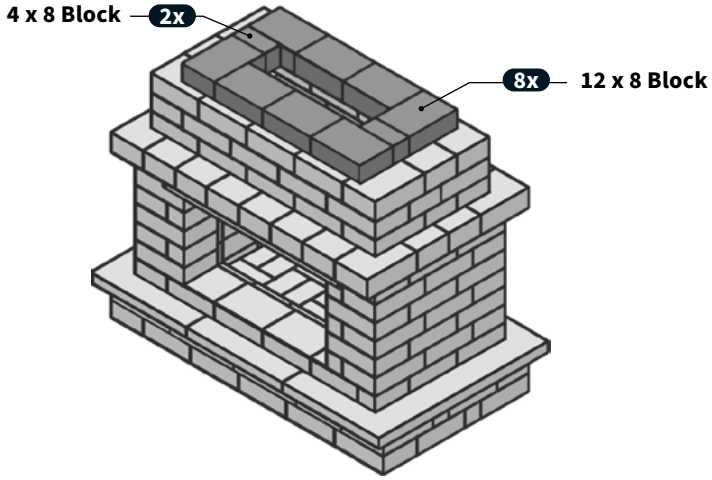
14

A. LAY THE FOURTEENTH BLOCK LAYER
The blocks overhang the front and back by 2" inward. On the sides they overhang 6" inwards

B. SILICONE LAYER
Using a small dot of silicone, adhere each block in place so that they are secure after installation.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side or in the front.

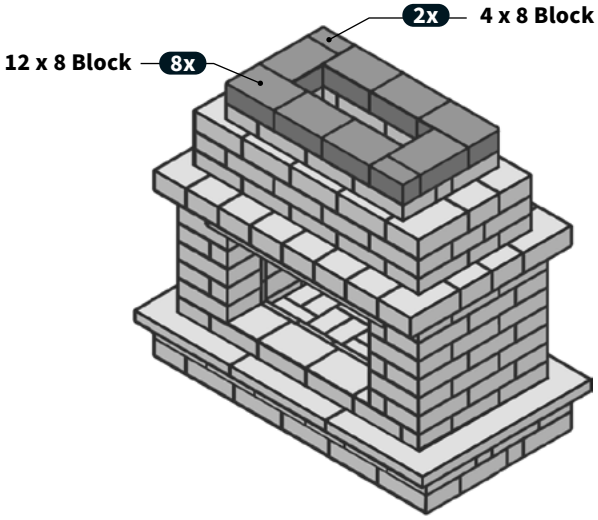
Materials Used Per Layer:
(8) 12" x 8" x 4"Blocks
(2) 4" x 8" x 4" Blocks



15

A. LAY THE FIFTEENTH LAYER
Level as necessary.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



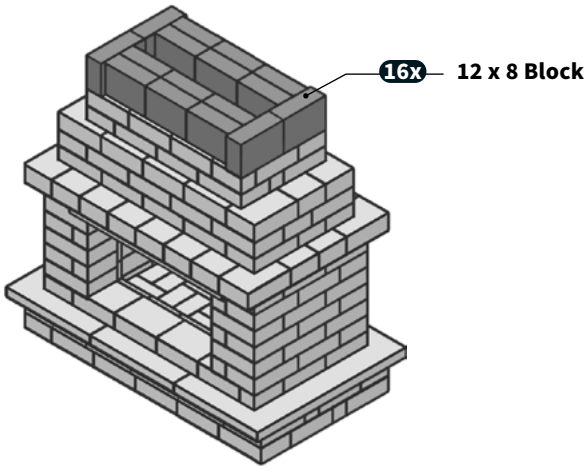
16

A. LAY THE SIXTEENTH BLOCK LAYER
Measure and match the heights of 16 blocks to make sure that they all line up when placed on their sides. Rotate the blocks so they are on their ends, place as shown.

B. CREATE INDENT IN FRONT AND BACK
The front and back blocks can be pushed in to create an indent or left flush with the side blocks. We recommend a 1" indent.

Note: Using the remaining blocks, measure match heights of 16 blocks to make sure that they all line up when placed on their sides.

Materials Used:
(16) 12" x 8" x 4" Blocks



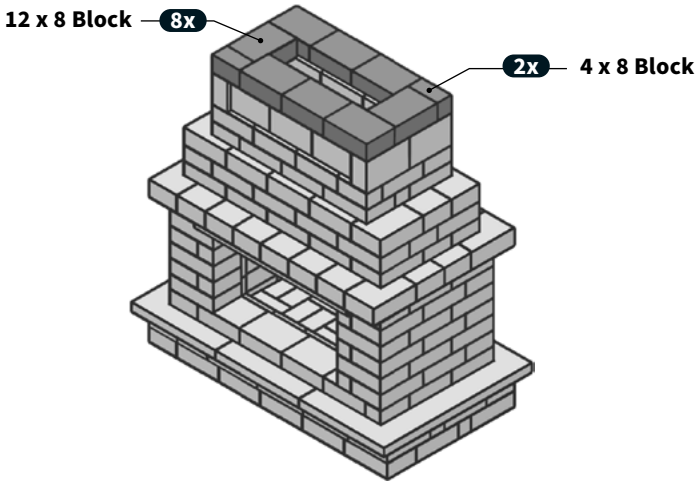
17

A. LAY THE SEVENTEENTH BLOCK LAYER
Level as necessary.

B. SILICONE ENTIRE LAYER
Using very small dots, silicone this entire layer so each block receives one dot.

C. Note: If shims are used, smoke will escape through the gaps. If shims cannot be avoided you can use silicone to cover the gaps.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



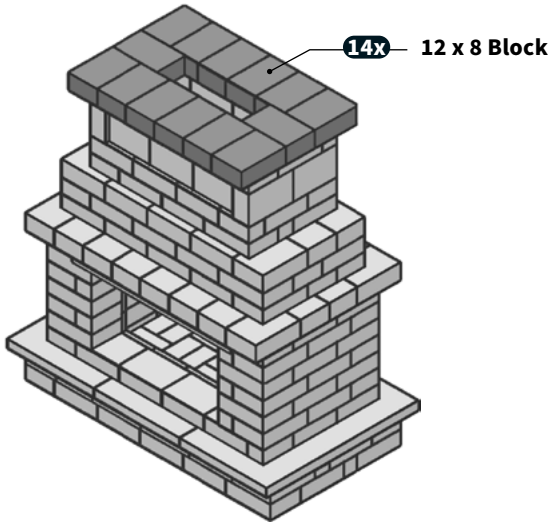
18

A. LAY THE EIGHTEENTH
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 4" on the front and back of the unit.

B. SILICONE CORNER BLOCKS
Using a small dot of silicone, adhere each corner unit in place so that they are secure after installation.

Note: You may need to use another block to hold the corner pieces in place until the next layer is placed.

Materials Used:
(14) 12" x 8" x 4" Blocks



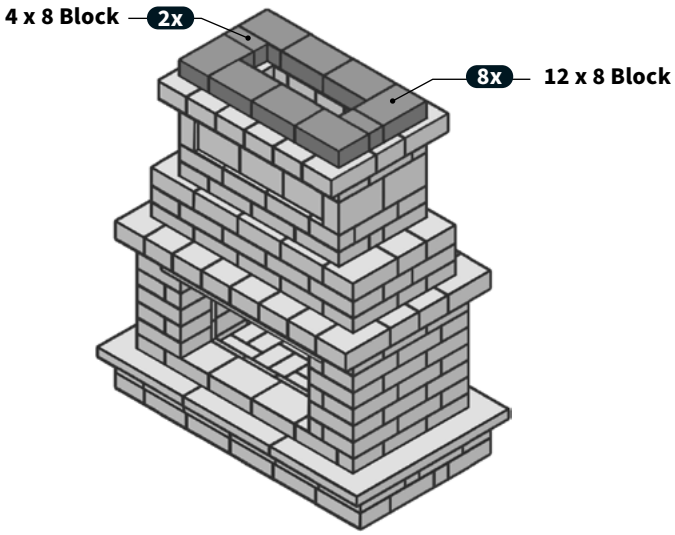
19

A. LAY THE NINETEENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone extends inward, overhanging by 2" on the sides of the unit and by 4" inches on the front and back.

B. SILICONE UNITS INTO PLACE
Using a continuous bead of silicone, adhere this entire layer to the layer below.

Note: This layer may be slippery from the silicone so let dry if time permits before continuing.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4' Blocks



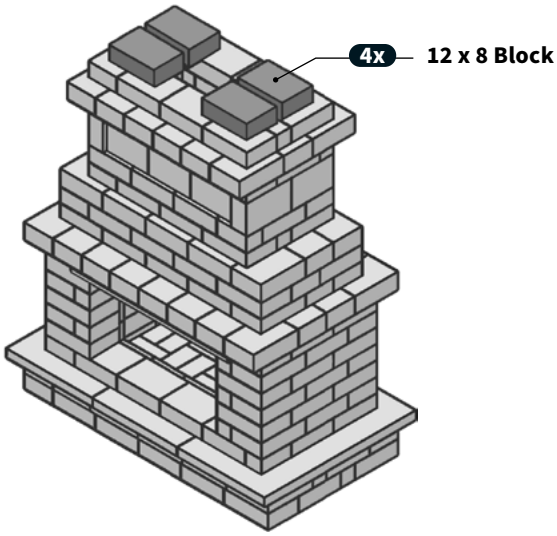
20

A. LAY THE TWENTIETH LAYER
Place 4 Caliber Stone blocks so that each one is inset 3" from both sides.

B. SILICONE INTO PLACE
Using a dot of silicone, adhere these blocks to the layer below.

Note: These pieces may become slippery so tap back into place after the rain cap is installed.

Materials Used:
(4) 12" x 8" x 4" Blocks



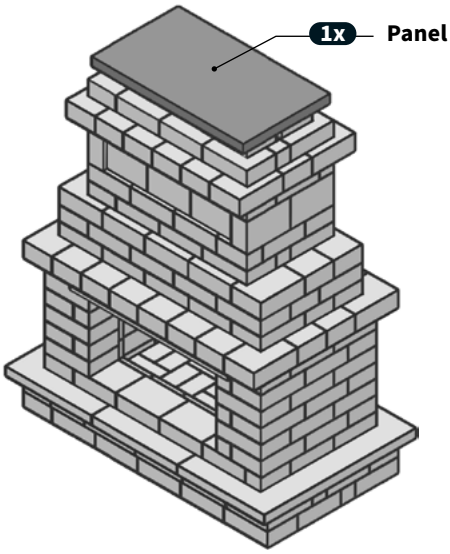
21

A. PLACE THE LAST PANEL
centre the rain cap with the fireplace below. There will be a 2" overhang from the layer below overhang on both sides and a 6" overhang on the front and back .

B. SILICONE RAIN CAP INTO PLACE
Once it is placed, lift slightly and silicone into place.

Note: If installing the raincap by hand, use 3-4 people. One side of the rain cap has a smoother finish, if the fireplace can be viewed from an elevated position place smooth side upwards. If not then face smooth side downwards.

Materials Used:
(1) Panel



7

CLOSED FIREBOX

DIFFICULTY
EXPERT

INSTALLATION
3-4 PEOPLE

BENEFITS
RAIN CAPE

KIT SIZE
88"H X 72"W X 42"D

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

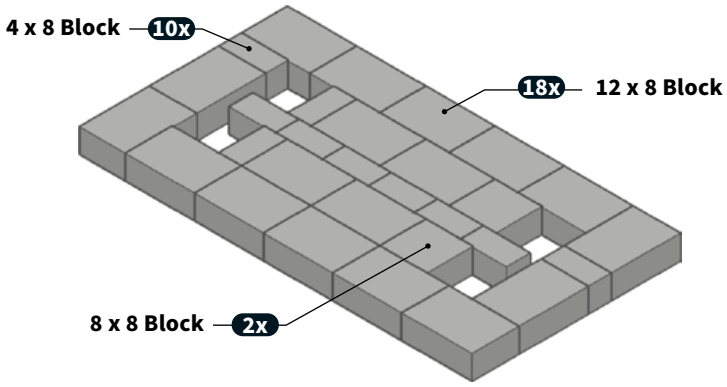
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(18) 12" x 8" x 4" Blocks
(10) 4" x 8" x 4" Blocks
(2) 8" x 8" x 4" Blocks



2

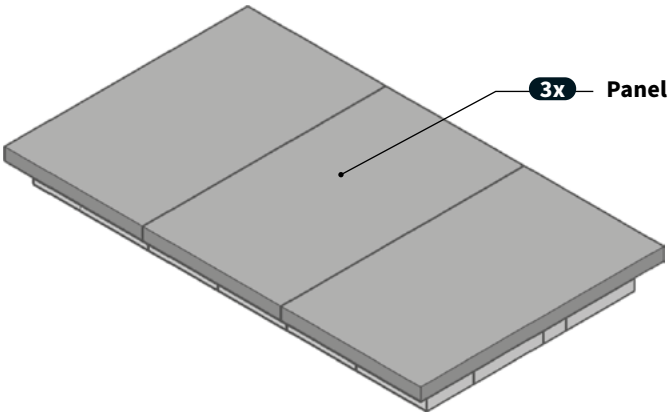
A. PLACE AND CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⦸ Do not use any shims under the panels. Shims may cause cracking. If you notice some wobbling, use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: Confirming level is key as it is best to avoid using shims as much as possible from here on out.

Materials Used: (3) Panels



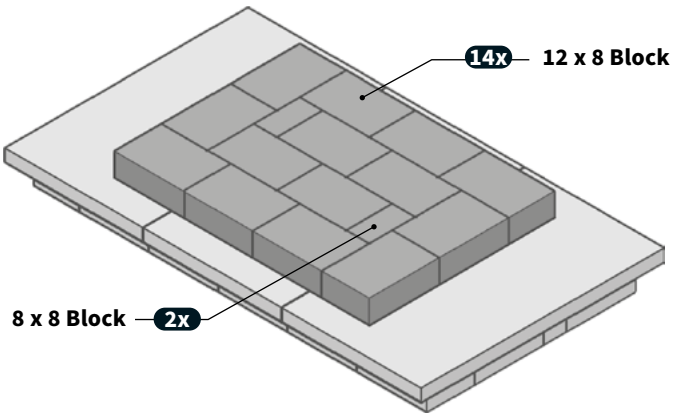
3

A. LAY THE SECOND BLOCK LAYER
This layer sits 5" from the front and back of the panels. As well as 14" from the ends of both panels on both sides.

B. CONFIRM LEVEL
Make sure this layer is level. Use small dots of silicone or shims to level this layer.

Note: Avoid using shims after this layer, as gaps will be visible. If this layer is levelled carefully, it will be easier to avoid shims in the next steps.

Materials Used:
(14) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



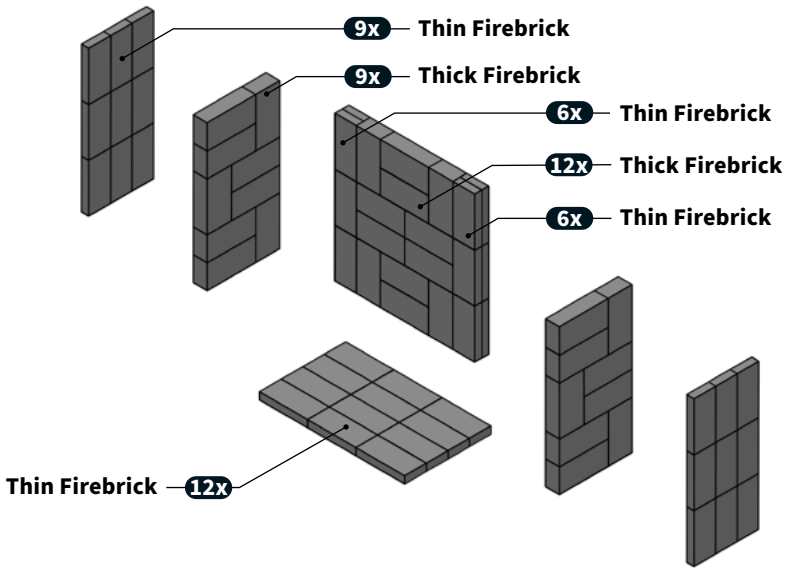
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(42) Thin Firebrick
(30) Thick Firebrick



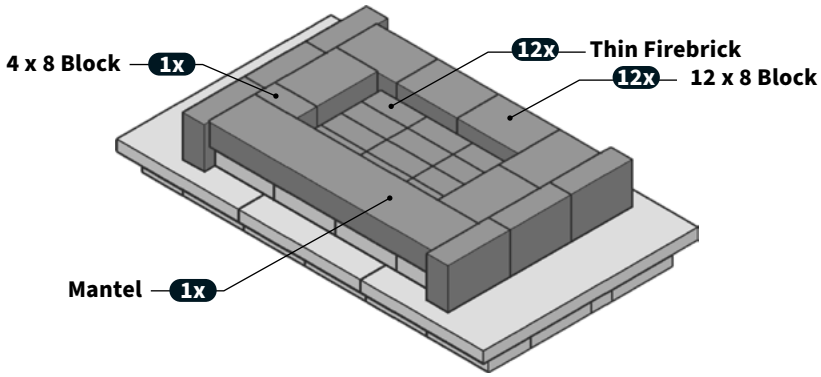
5

A. LAY THE THIRD BLOCK LAYER
Line the mantel up with the ends of the Caliber Stone on both sides. Tap blocks and level walls to align. Place the mantel with the "this side down" text facing downward. The side walls stick out by 2" on both sides.

B. BEGIN LAYING THE FIREBRICK
Looking at step 4, begin installing the firebrick floor.

Note: Silicone the vertical pieces of Caliber Stone using small dots of silicone. These pieces should be adhered to the interior wall.

Materials Used:
(12) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(12) Thin Firebrick
(1) Mantel



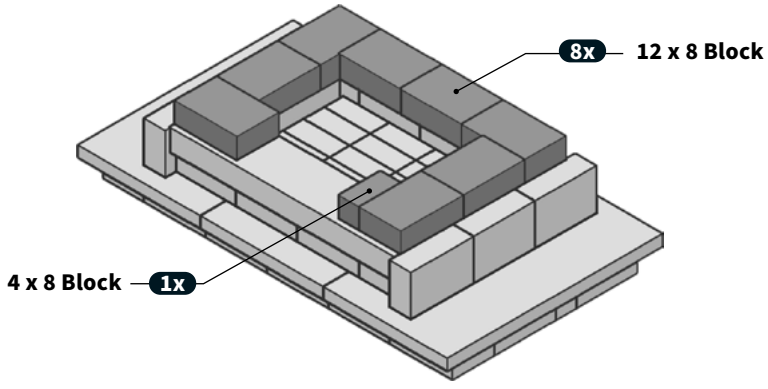
6

A. LAY THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

B. CONFIRM VERTICAL ALIGNMENT
Confirm that the layer placed is in line with the vertical pieces as more vertical rows will be placed.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks



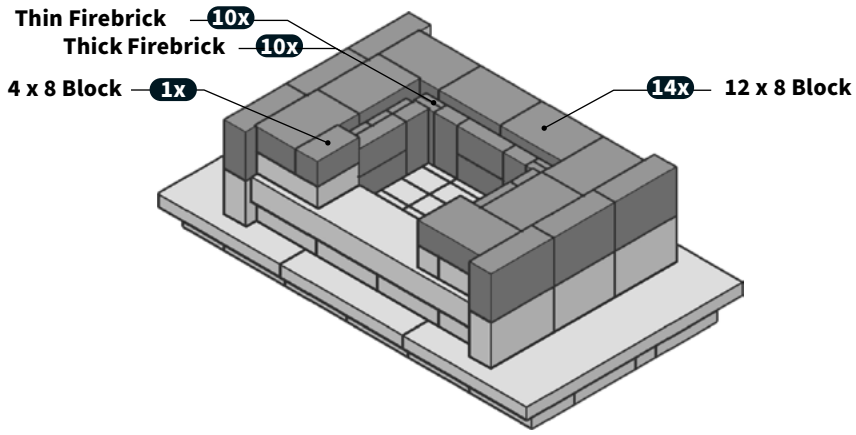
7

A. LAY THE FIFTH BLOCK LAYER
Confirm level and measurements in all directions. Add the next vertical row of Caliber Stone blocks.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Note: Using one dot of silicone per block, silicone the pieces to the exterior of the interior walls.

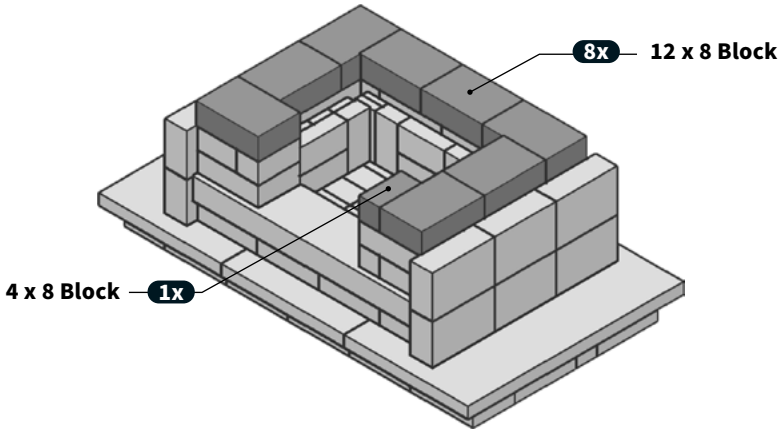
Materials Used:
(14) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(10) Thick Firebrick



8

A. LAY THE SIXTH BLOCK LAYER
Confirm level and measurements in all directions.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks



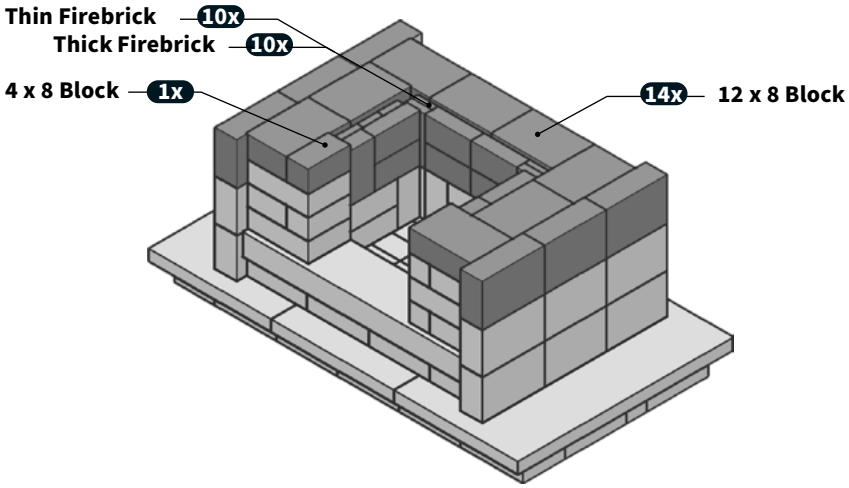
9

A. LAY THE SEVENTH BLOCK LAYER
Work from the interior outwards as you lay the blocks. Then place the outside vertical pieces centred with the walls. The four vertical corner pieces should stick out 2" from the stacked block layers.

B. SILICONE VERTICAL PIECES
Using one dot of silicone per block, silicone the pieces to the exterior of the interior walls.

Note: Rotated pieces may vary in height; try to use matching block heights and use shims if needed.

Materials Used:
(14) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(10) Thick Firebrick

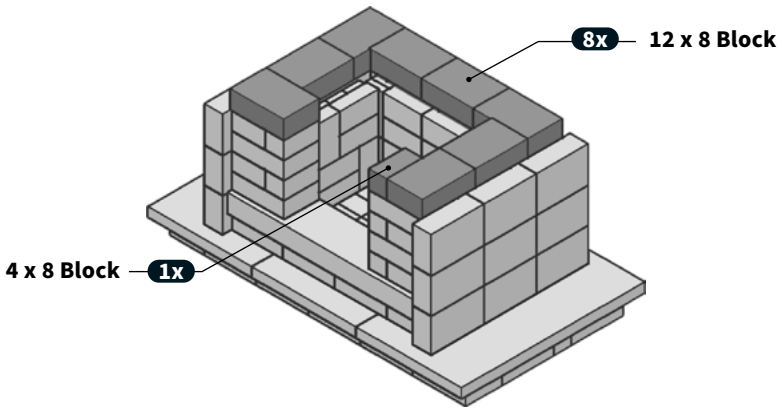


10

A. LAY THE EIGHTH BLOCK LAYER
Place blocks as shown and tap into place.

Note: Only add silicone where instructed. Extra silicone will make the blocks want to slide and it will become difficult to install the unit.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks



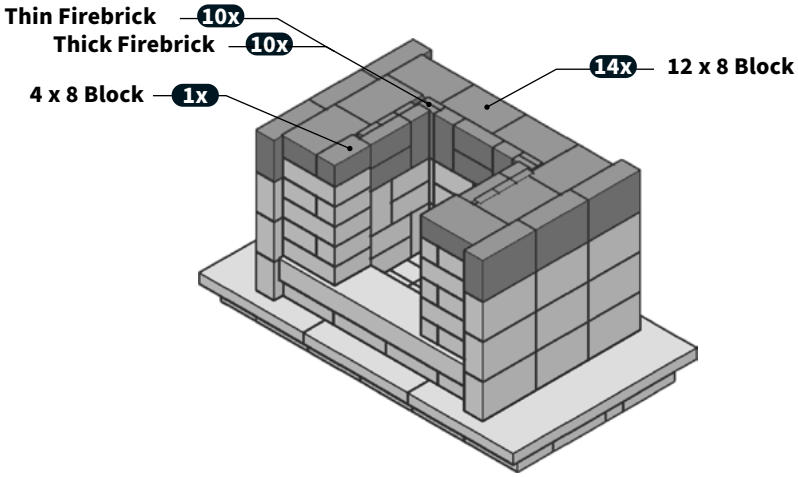
11

A. LAY THE NINTH BLOCK LAYER
Work from the interior outwards as you lay the blocks. Then place the outside vertical pieces centred with the walls. The four vertical corner pieces should stick out 2" from the stacked block layers.

B. COMPLETE FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.

C. SILICONE VERTICAL PIECES
Using one dot of silicone per block, silicone the pieces to the interior walls.

Materials Used:
(14) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(10) Thick Firebrick



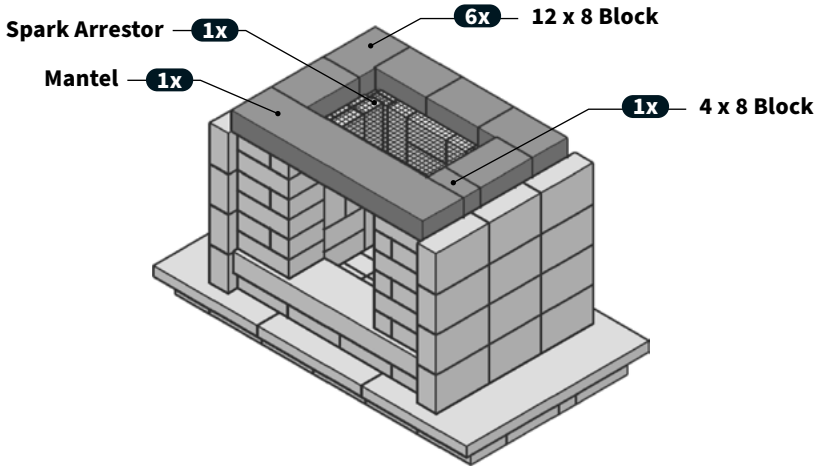
12

A. LAY TENTH BLOCK LAYER
Place the mantel so the text stating "this side down" is facing down. The mantel will overhang to the front by 1".

B. MANTEL PLACEMENT
The mantel should line up with the blocks below. Tap into place as needed.

Optional: Snip the wire mesh Spark Arrestor to 17"x 29" and place above the firebrick. This will be held in place by friction.

Materials Used:
(6) 12" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(1) Mantel

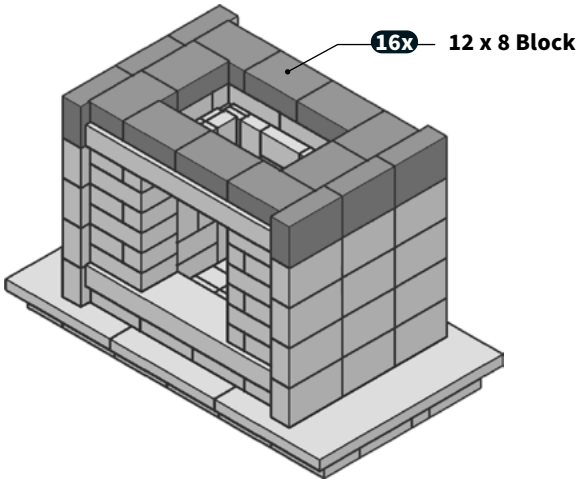


13

A. THE TWELFTH BLOCK LAYER
Level as necessary.

B. SILICONE VERTICAL PIECES
Using one dot of silicone per block, silicone the pieces to the exterior of the interior walls.

Materials Used:
(16) 12" x 8" x 4" Blocks



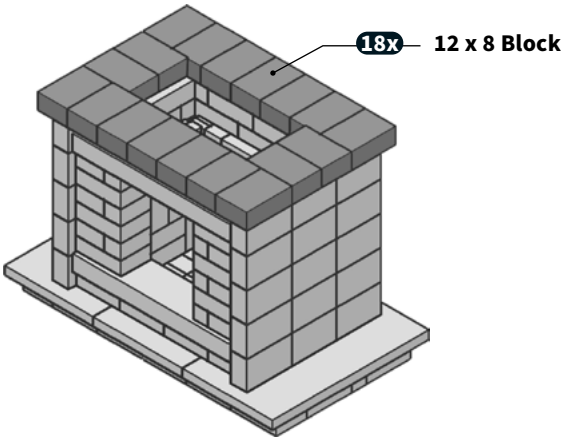
14

A. LAY THE THIRTEENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 2" on the front and back of the unit where the two vertical walls stick out. Using a small dot of silicone, adhere each corner unit in place so that they are secure after installation.

B. SILICONE CORNER UNITS
Using dots of silicone, adhere the corner blocks to the layer below.

Note: You may need to use another block to hold the corner pieces in place until the next layer is placed.

Materials Used:
(18) 12" x 8" x 4" Blocks



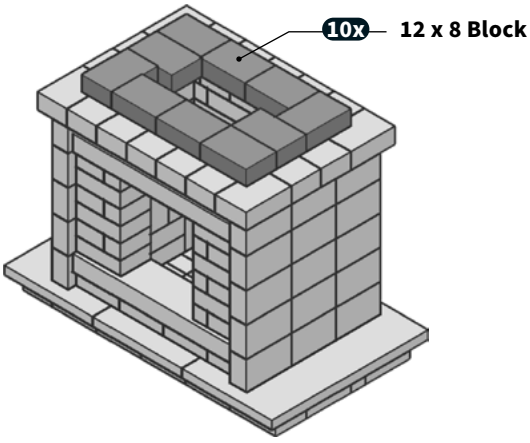
15

A. LAY THE FOURTEENTH BLOCK LAYER
The blocks overhanging in the front and back by 6" inward. On the sides they overhang 6" inwards.

SILICONE LAYER
Using dots of silicone, adhere this entire layer to the layer below.

Note: You will need to use another block to hold the middle side pieces in place until the next layer is placed.

Materials Used Per Layer:
(10) 12" x 8" x 4"Blocks



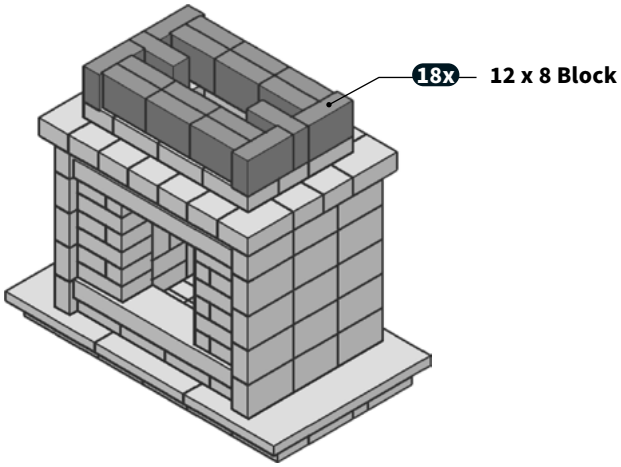
16

A. LAY THE FIFTEENTH BLOCK LAYER
Measure and the match the heights of 16 blocks to make sure that they all line up when placed on their sides. Rotate the blocks and place as shown.

B. CREATE INDENT IN FRONT AND BACK
The front and back blocks can be pushed in to create an indent or left flush with the side blocks. We recommend a 1" indent.

Note: If shims are used, smoke will escape through the gaps. If shims cannot be avoided you can use silicone to cover the gaps. Find blocks that have the same dimension to avoid shims.

Materials Used:
(18) 12" x 8" x 4" Blocks



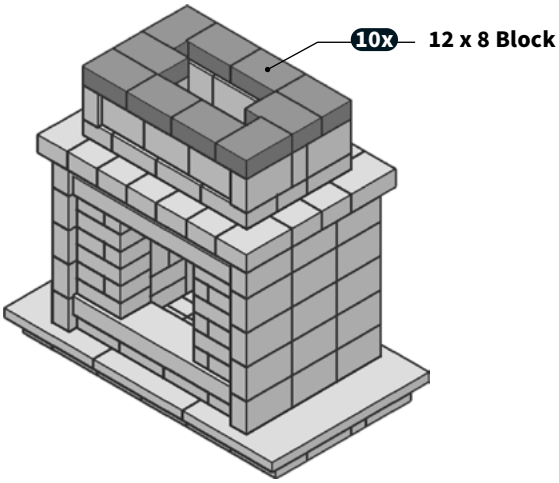
17

A. LAY THE SIXTEENTH BLOCK LAYER
Level as necessary.

B. SILICONE LAYER
Using small dots of silicone, adhere layer to the layer below.

Note: Avoid shims if possible. Rather use a touch of silicone if needed for levelling.

Materials Used:
(10) 12" x 8" x 4" Blocks



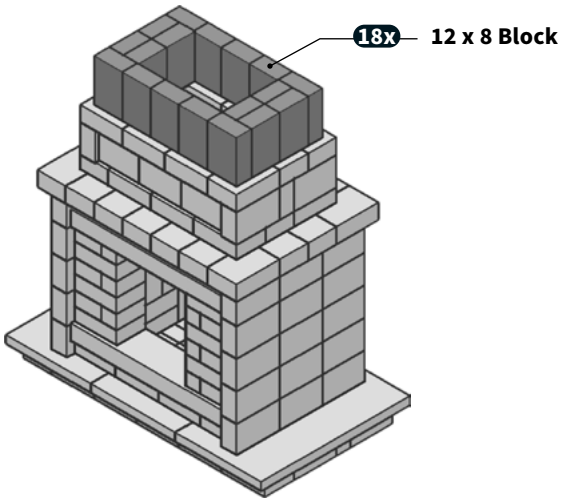
18

A. LAY THE SEVENTEENTH BLOCK LAYER
Measure and match the heights of 18 bocks to make sure that they all line up when placed. Place as shown. This layer sits centred on the layer below. The Caliber Stone is inset by 2" on the sides of the unit and by 2" on the front and back of the unit.

B. SILICONE IF GAPS ARE VISIBLE
Tap blocks into place. If any gaps are showing silicone in-between so smoke cannot escape.

Note: Confirm measurements and level in all directions.

Materials Used:
(18) 12" x 8" x 4" Blocks



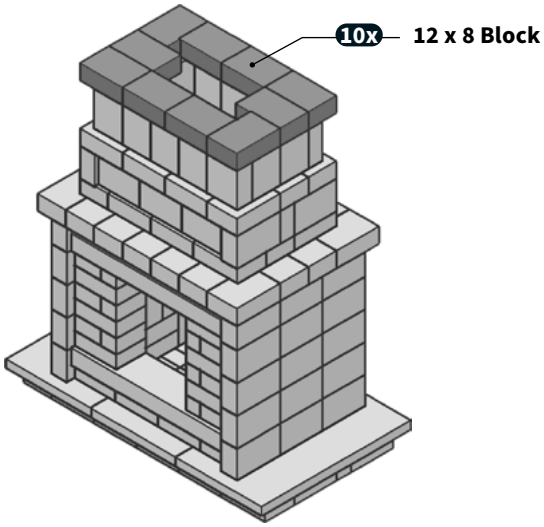
19

A. LAY THE EIGHTEENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 2" on the front and back of the unit.

B. SILICONE UNITS INTO PLACE
Using a continuous bead of silicone, adhere this entire layer to the layer below.

Note: This layer may be slippery from the silicone so let dry if time permits before continuing.

Materials Used:
(10) 12" x 8" x 4" Blocks



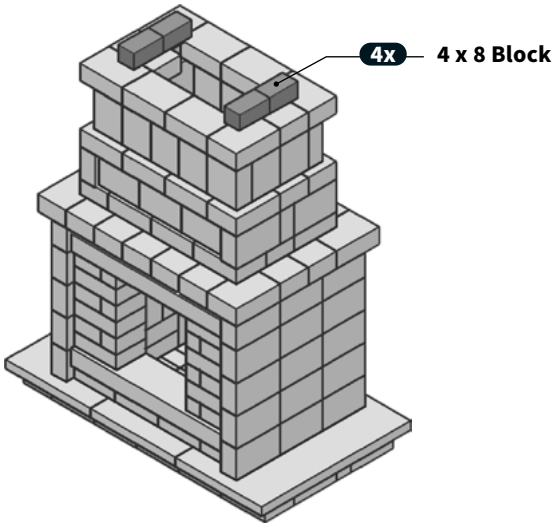
20

A. LAY THE NINETEENTH BLOCK LAYER
Place the 4 Caliber Stone blocks so that each one is inset 4" from both sides and centred back to front.

B. SILICONE INTO PLACE
Using a dot of silicone, adhere these blocks to the layer below.

Note: This layer may be slippery from the silicone so let dry if time permits before continuing.

Materials Used:
(4) 4" x 8" x 4" Blocks



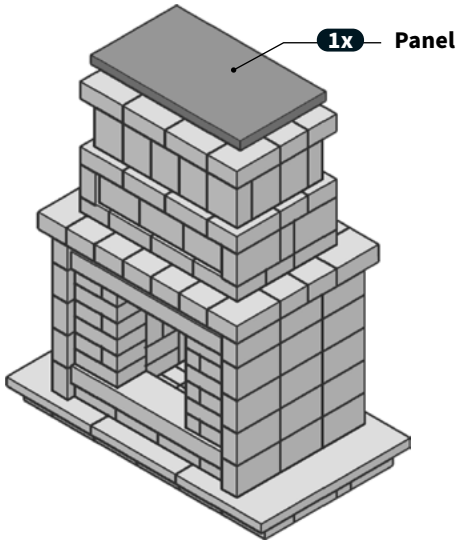
21

A. PLACE THE LAST PANEL
Centre the last panel on the layer below. There will be a 4" overhand on both sides and a 3" overhang on the front and back .

B. SILICONE PANEL INTO PLACE
Once it is placed, lift slightly and silicone into place.

Note: If installing the raincap by hand, use 3-4 people. One side of the rain cap has a smoother finish, if the fireplace can be viewed from an elevated position place smooth side upwards. If not then face smooth side downwards.

Materials Used:
(1) Panel



7

OPEN FIREBOX

DIFFICULTY
EXPERT

INSTALLATION
3-4 PEOPLE

BENEFITS
RAIN CAP

KIT SIZE
88"H X 72"W X 42"D

FIREBOX SIZE
28H" X 20.5W" X 13.5D"

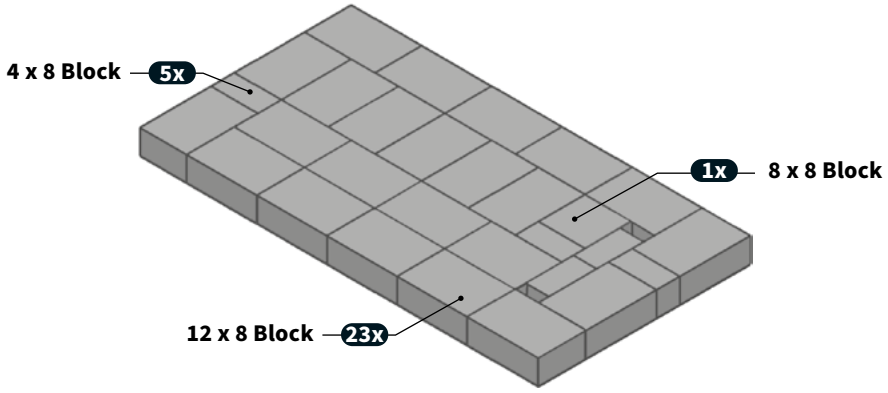
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(23) 12" x 8" x 4" Blocks
(5) 4" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks

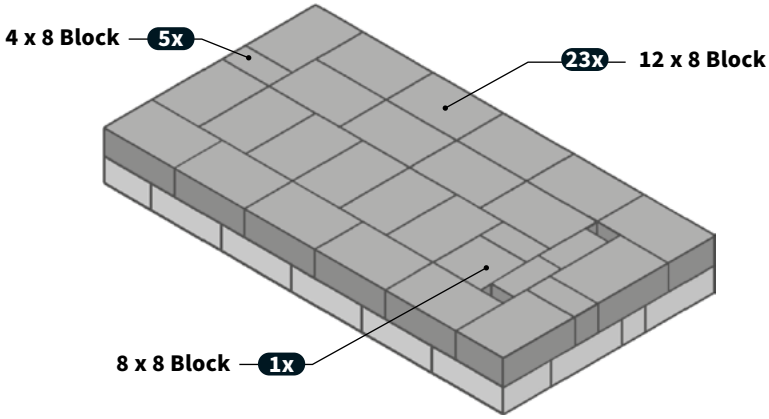


2

A. LAY THE SECOND BLOCK LAYER
The gap should be lined up with the gap below so blocks are not overhanging. If using a gas burner, the gas line can run through this gap or come through the side or back of unit by removing or cutting a block.

B. LEVEL LAYER
Confirm level and measurements in all directions.

Materials Used:
(23) 12" x 8" x 4" Blocks
(5) 4" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks



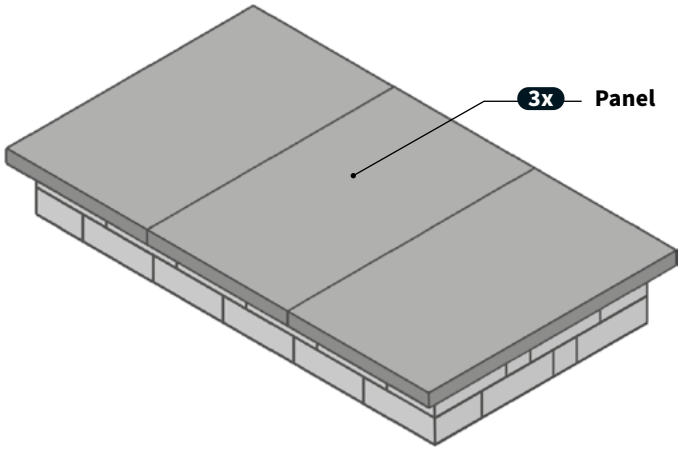
3

A. PLACE AND CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⃠ Do not use any shims under the panels. Shims may cause cracking. If you notice some wobbling, use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Materials Used:
(3) Panels



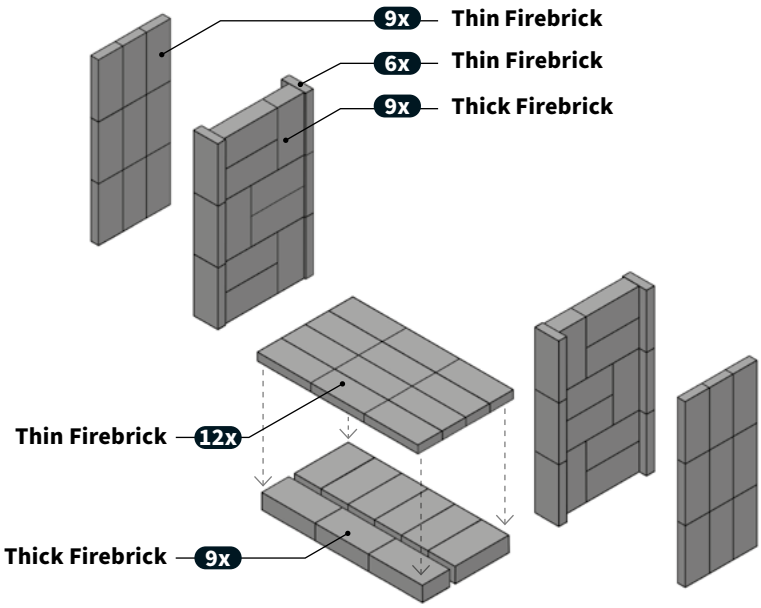
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(42) Thin Firebrick
(27) Thick Firebrick



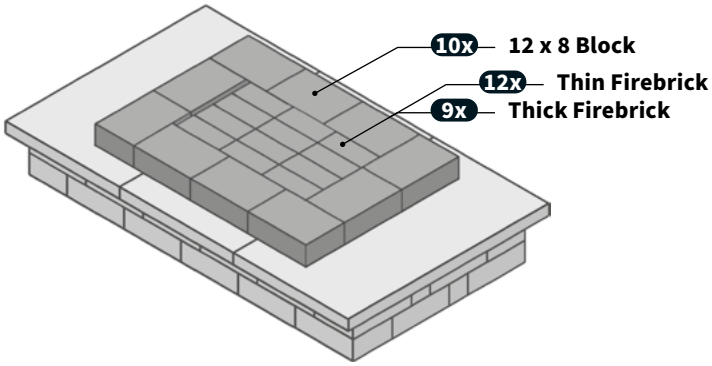
5

A. LAY THE THIRD BLOCK LAYER
This layer sits centred on the panels, 5" from the front and back of the panels. As well as 14" from the ends of both panels on both sides.

B. BEGIN LAYING THE FIREBRICK
Place the thick firebrick first as shown in step 4, then place the thin firebrick floor. Tap them into place with a mallet.

Note: A small gap between the firebrick floor and walls on both sides is okay, this can be filled with sand at the end or just left as is.

Materials Used:
(10) 12" x 8" x 4" Blocks
(12) Thin Firebricks
(9) Thick Firebricks



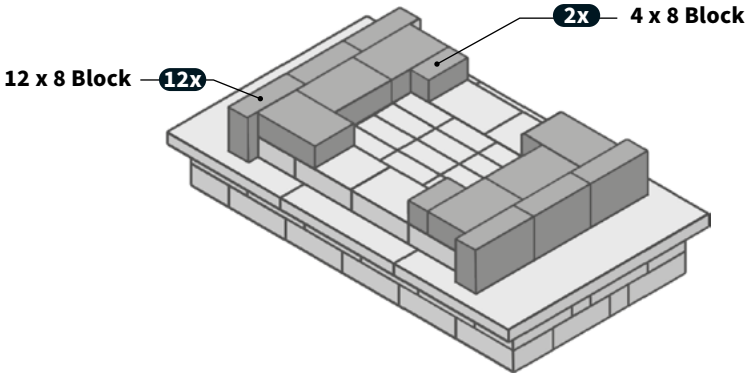
6

A. LAY THE FOURTH BLOCK LAYER
Work from the interior outwards as you lay the blocks. Then place the outside vertical pieces centred with the walls. They should stick out 2" on both sides.

B. SILICONE VERTICAL PIECES
Using one dot of silicone per block, silicone the pieces to the exterior of the interior walls.

Note: Rotated pieces may vary in height; try to use matching block heights and use shims if needed.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



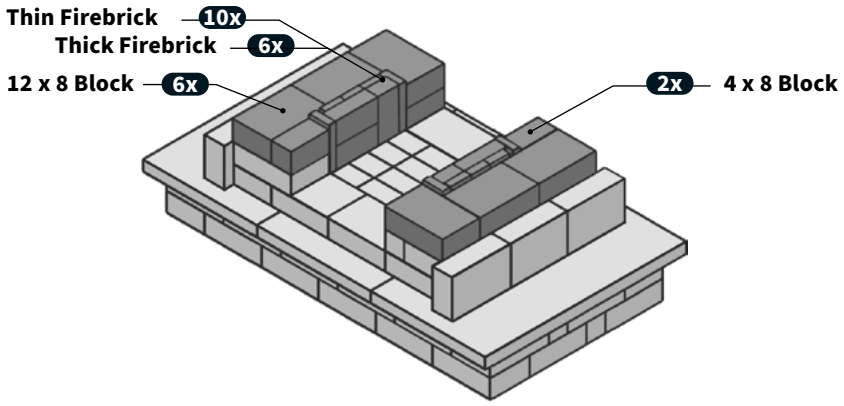
7

A. LAY THE FIFTH BLOCK LAYER
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose. Tap into place with mallet so they are tight.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebricks
(6) Thick Firebricks



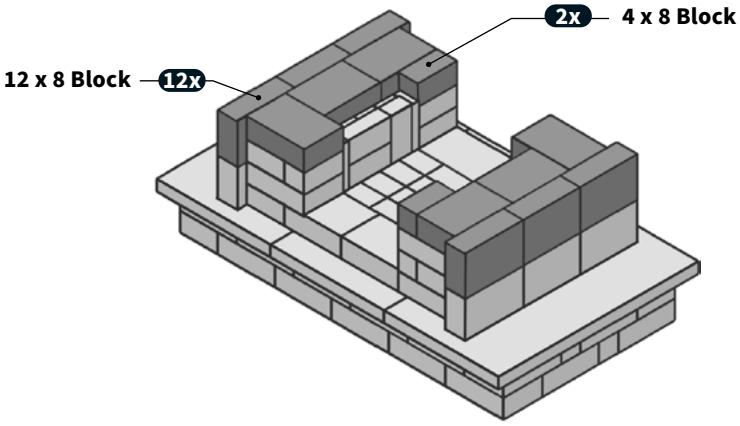
8

A. LAY THE SIXTH BLOCK LAYER
Work from the interior outwards as you lay the blocks. Then place the outside vertical pieces centred with the walls. They should stick out 2" on both sides.

B. SILICONE VERTICAL PIECES
Using one dot of silicone per block, silicone the pieces to the exterior of the interior walls.

Note: Rotated pieces may vary in height; try to use matching block heights and use shims if needed.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

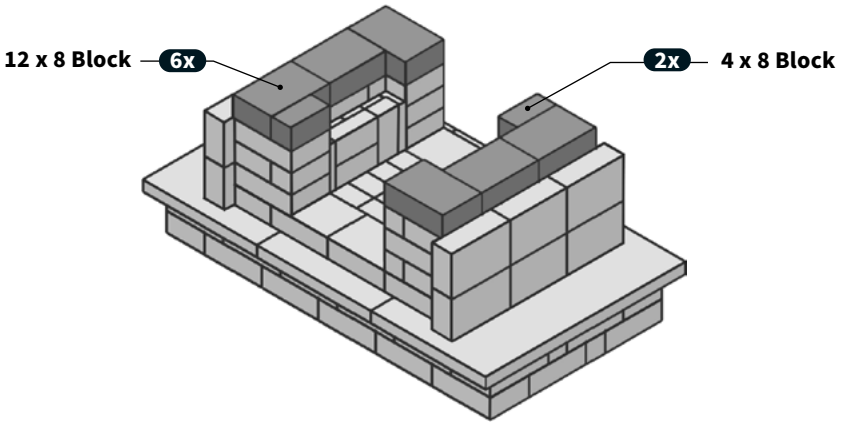


9

A. LAY THE SEVENTH BLOCK LAYER
Confirm level and measurements in all directions.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



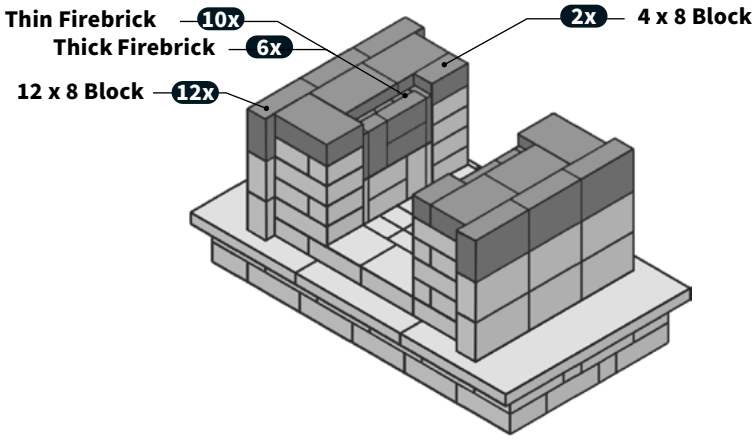
10

A. LAY THE EIGHTH BLOCK LAYER
Work from the interior outwards as you lay the blocks. Then place the outside vertical pieces centred with the walls. They should stick out 2" on both sides. Add another two rows of firebrick as shown.

B. SILICONE VERTICAL PIECES
Using one dot of silicone per block, silicone the pieces to the exterior of the interior walls.

Note: Rotated pieces may vary in height; try to use matching block heights and use shims if needed.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick

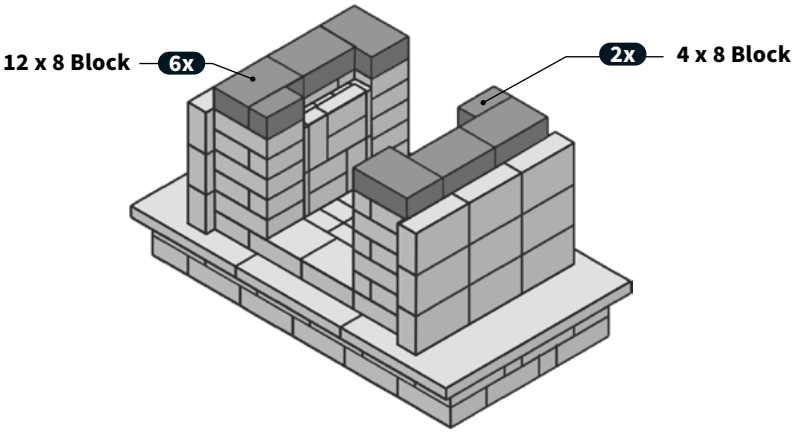


11

A. LAY THE NINTH BLOCK LAYER
Place blocks as shown and tap into place.

Note: Only add silicone where instructed. Extra silicone will make the blocks want to slide and it will become difficult to install the unit.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

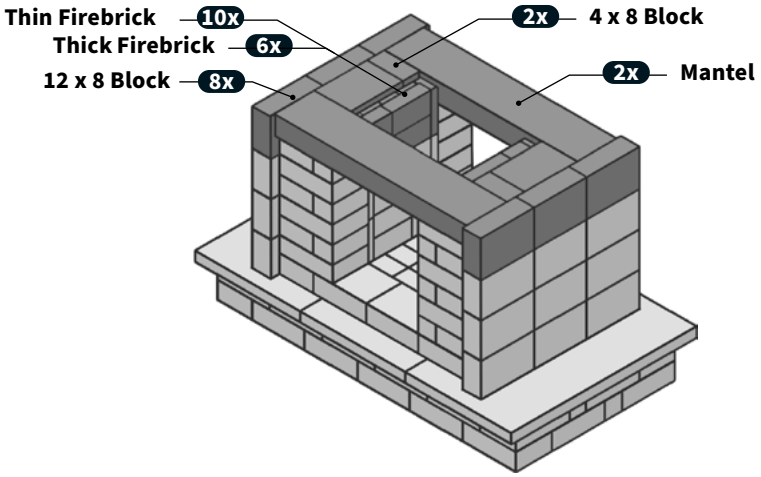


12

A. LAY THE TENTH BLOCK LAYER
Lay pattern as shown. Place the mantels with the "this side down" text facing downward. The smooth side of the mantel should be facing outwards and should overhang by 1". Between this step and next step finish the firebrick installation.

B. SILICONE VERTICAL PIECES
Using one dot of silicone per block, silicone the pieces to the exterior of the interior walls.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(2) Mantel
(10) Thin Firebrick
(6) Thick Firebrick



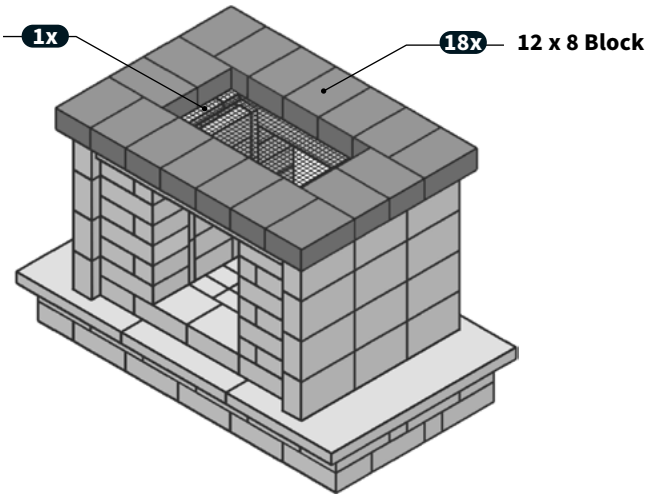
13

A. LAY THE ELEVENTH BLOCK LAYER
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 2" on the front and back of the unit where the two vertical walls stick out. Using a small dot of silicone, adhere each corner unit in place so that they are secure after installation.

B. Optional: Snip the wire mesh Spark Arrestor to 17"x 29" and place above the firebrick. This will be held in place by friction.

Note: You may need to use another block to hold the corner pieces in place until the next layer is placed.

Materials Used:
(18) 12" x 8" x 4" Blocks



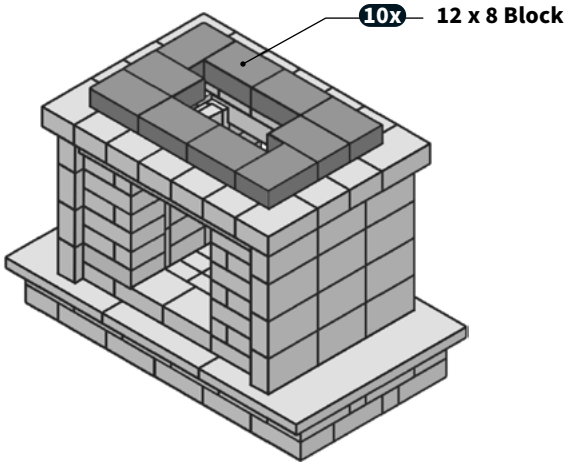
14

A. LAY THE TWELFTH BLOCK LAYER
The blocks overhanging in the front and back by 6" inward. On the sides they overhang 6" inwards.

SILICONE LAYER
Using dots of silicone, adhere this entire layer to the layer below.

Note: You will need to use another block to hold the middle side pieces in place until the next layer is placed.

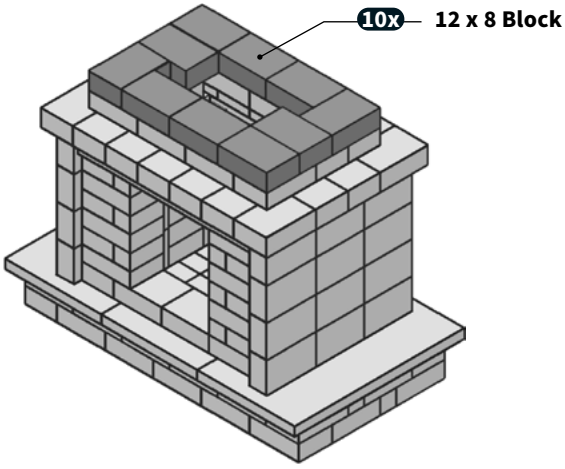
Materials Used Per Layer:
(10) 12" x 8" x 4"Blocks



15

A. LAY THE THIRTEENTH BLOCK LAYER
Confirm level and measurement in all directions.

Materials Used:
(10) 12" x 8" x 4" Blocks



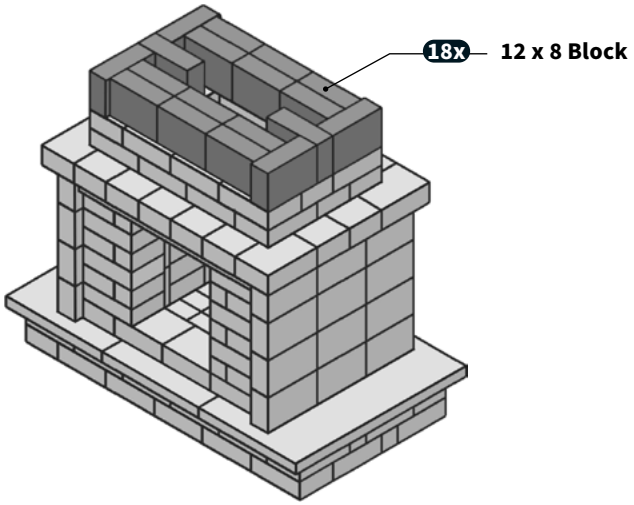
16

A. LAY THE FOURTEENTH BLOCK LAYER
Measure match the heights of 18 blocks to make sure that they all line up when placed on their sides. Rotate the blocks so they are on their ends and place as shown.

B. CREATE INDENT IN FRONT AND BACK
The front and back blocks can be pushed in to create an indent or left flush with the side blocks. We recommend a 1" indent.

Note: If shims are used, smoke will escape through the gaps. If shims cannot be avoided you can use silicone to cover the gaps. Find blocks that have the same dimension to avoid shims.

Materials Used:
(18) 12" x 8" x 4" Blocks



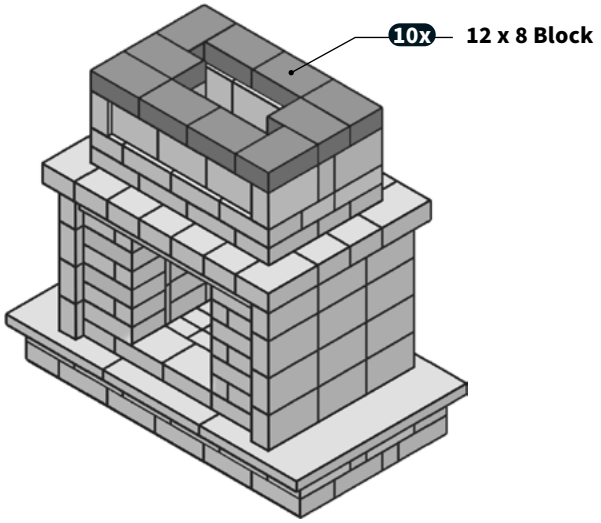
17

A. LAY THE FIFTEENTH BLOCK LAYER
Confirm level and measurements in all directions.

B. SILICONE LAYER
Using small dots of silicone, adhere blocks to the layer below.

Note: Avoid shims if possible. Rather use a touch of silicone if needed for levelling.

Materials Used:
(10) 12" x 8" x 4" Blocks



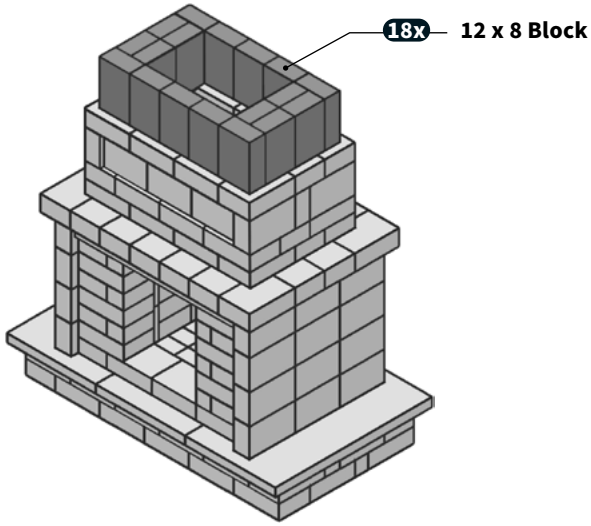
18

A. LAY THE SIXTEENTH BLOCK LAYER
Measure match the heights of 18 blocks to make sure that they all line up when placed on their sides. Rotate the blocks and place as shown. This layer sits centred on the layer below. The blocks are inset by 2" on the sides of the unit and by 2" on the front and back of the unit.

B. SILICONE IF GAPS ARE VISIBLE
Tap blocks into place. If any gaps are showing silicone in-between so smoke cannot escape.

Note: Confirm measurements and level in all directions.

Materials Used:
(18) 12" x 8" x 4" Blocks



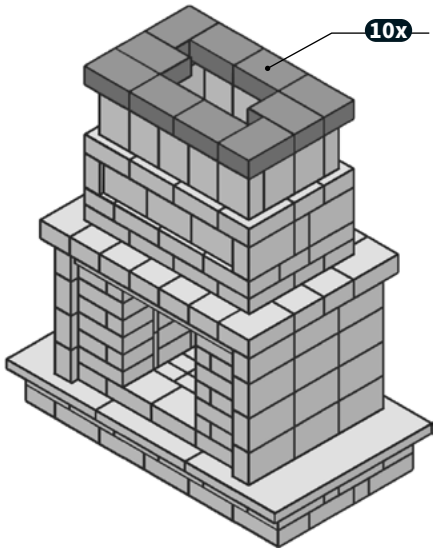
19

A. LAY THE SEVENTEENTH
This layer sits centred on the layer below. The Caliber Stone overhangs by 2" on the sides of the unit and by 2" on the front and back of the unit.

B. SILICONE UNITS INTO PLACE
Using a continuous bead of silicone, adhere this entire layer to the layer below.

Note: This layer may be slippery from the silicone so let dry if time permits before continuing.

Materials Used:
(10) 12" x 8" x 4" Blocks



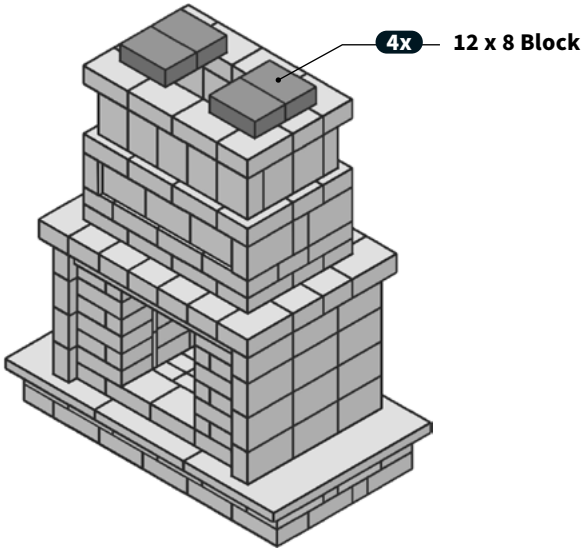
20

A. LAY THE EIGHTEENTH BLOCK LAYER
Place the 4 Caliber Stone blocks so that each one is inset 3" from both sides and centred back to front.

B. SILICONE INTO PLACE
Using a dot of silicone, adhere these blocks to the layer below.

Note: This layer may be slippery from the silicone so let dry if time permits before continuing.

Materials Used:
(4) 12" x 8" x 4" Blocks



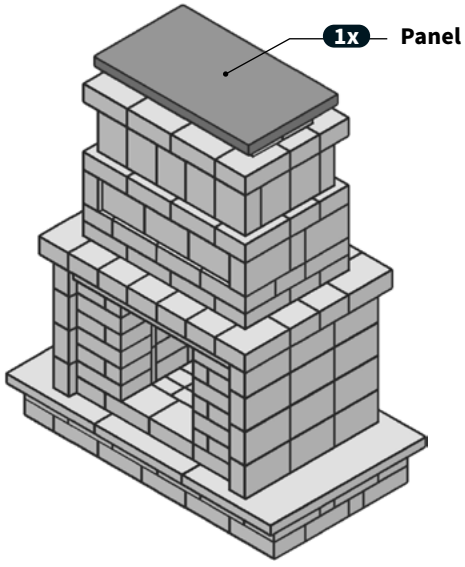
21

A. PLACE THE LAST PANEL
Centre the last panel with the layer below. It will overhang 4" in the front and back of the layer below. It will overhang 3" on each side.

B. SILICONE RAIN CAP INTO PLACE
Once it is placed, lift slightly and silicone into place.

Note: If installing the raincap by hand, use 3-4 people. One side of the rain cap has a smoother finish, if the fireplace can be viewed from an elevated position place smooth side upwards. If not then face smooth side downwards.

Materials Used:
(1) Panel



8

CLOSED FIREBOX

DIFFICULTY
INTERMEDIATE

INSTALLATION
3-4 PEOPLE

BENEFITS
RAIN CAP

KIT SIZE
84"H X 72"W X 42"D

FIREBOX SIZE
24"H X 39"W X 13.5"D

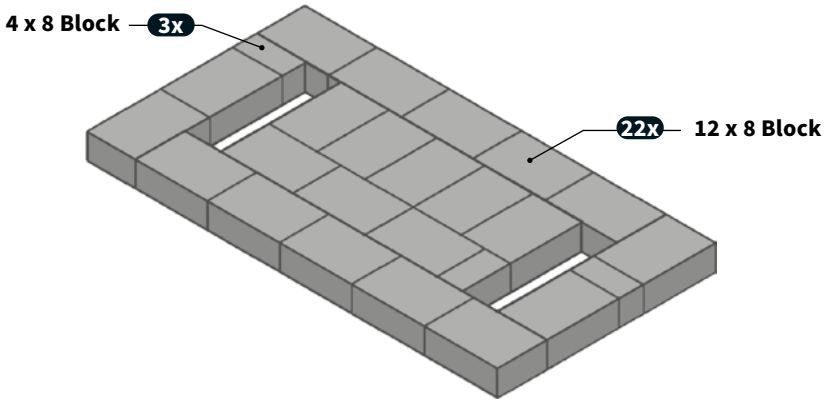
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(22) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



2

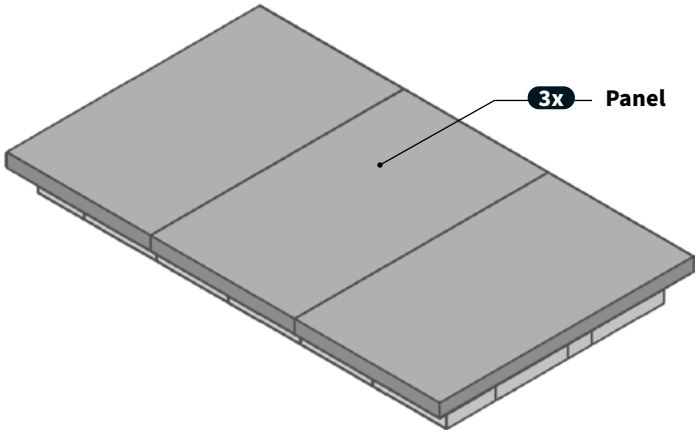
A. PLACE AND CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⃠ Do not use any shims under the panels. Shims may cause cracking. If you notice some wobbling, use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: Confirming level is key as it is best to avoid using shims as much as possible from here on out.

Materials Used:
(3) Panels



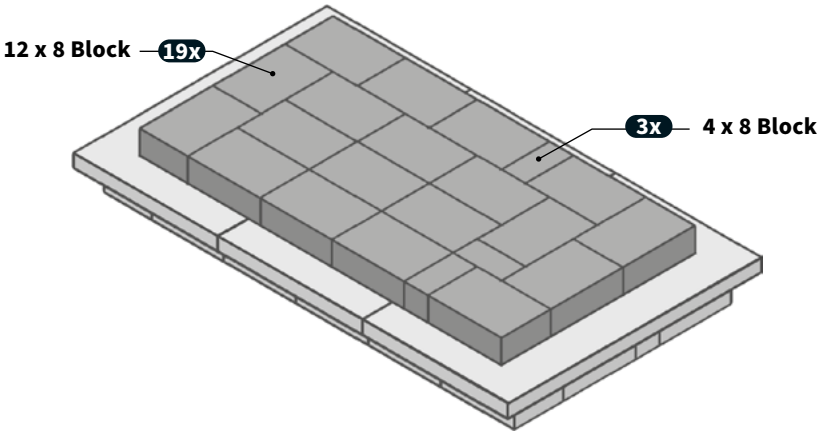
3

A. LAY THE SECOND BLOCK LAYER
This layer sits 5" from the front and back of the panels. As well as 6" from the end of both sides of the panels.

B. CONFIRM LEVEL
Make sure this layer is level. Use small dots of silicone or shims to level this layer.

Note: If installing a gas burner from underneath the unit, you will need to remove or drill through the firebrick floor and panel. You can also go in from the back of the unit by cutting a slot into the Caliber Stone.

Materials Used:
(19) 12" x 8" x 4" Blocks
(3) 4" x 8" x 4" Blocks



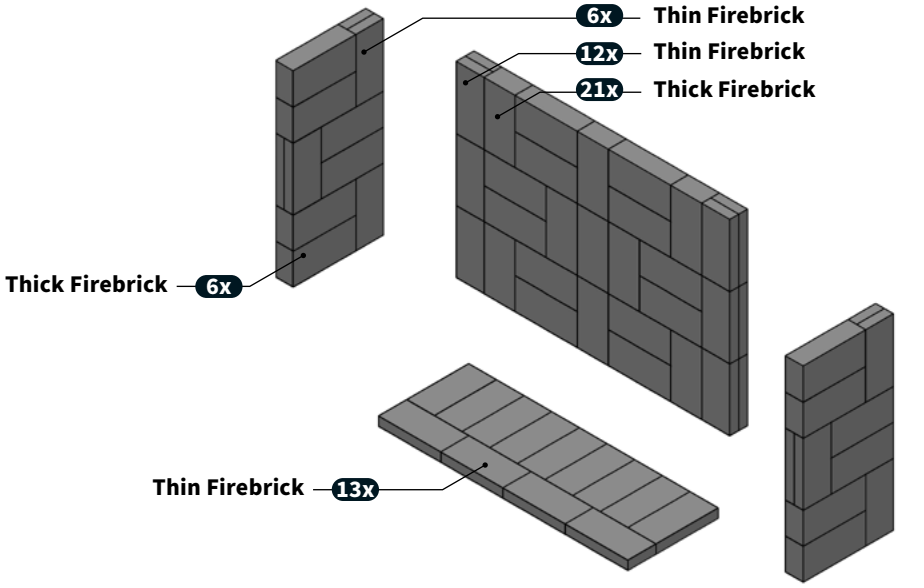
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(37) Thin Firebrick
(33) Thick Firebrick



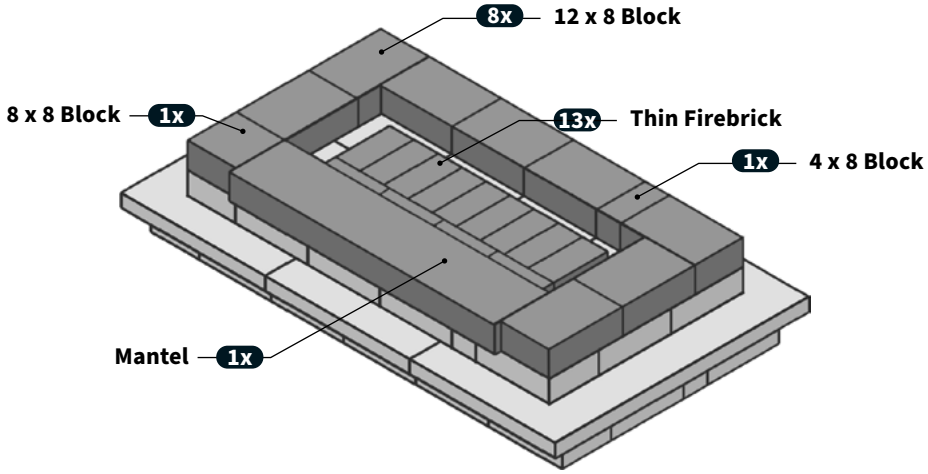
5

A. LAY THE THIRD BLOCK LAYER
Place the mantel so the text stating "this side down" is facing down. The mantel will overhang to the front by 1".

B. BEGIN LAYING THE FIREBRICK
Looking at step 4, begin installing the firebrick floor. Push the floor up against the mantel.

Note: The mantel and two blocks beside it should sit flush with the layer below aside from the mantel overhang. Tap blocks into place as needed.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(13) Thin Firebrick
(1) Mantel

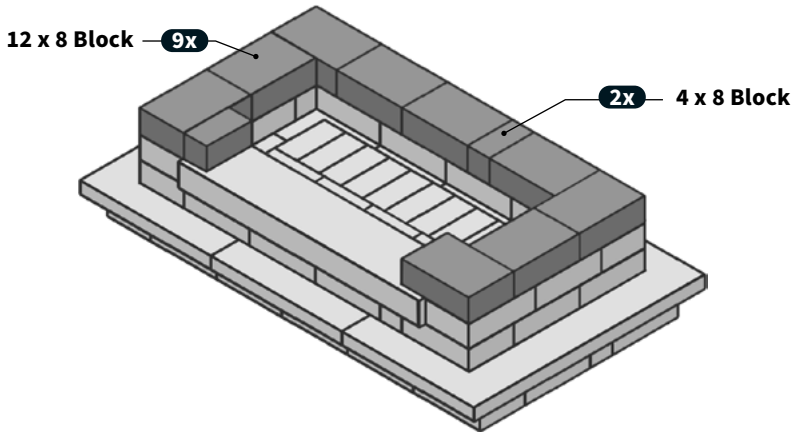


6

A. LAY THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(9) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



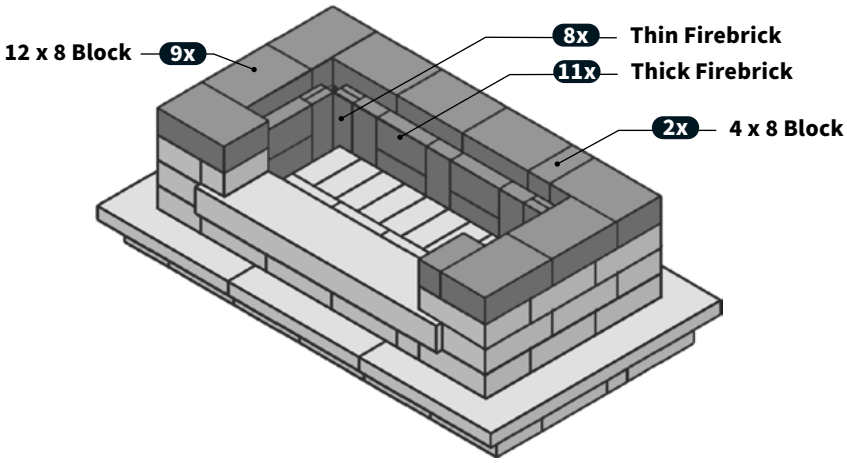
7

A. LAY THE FIFTH BLOCK LAYER
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose.

Note: Do not use silicone unless instructed to avoid the pieces from slipping.

Materials Used:
(9) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick



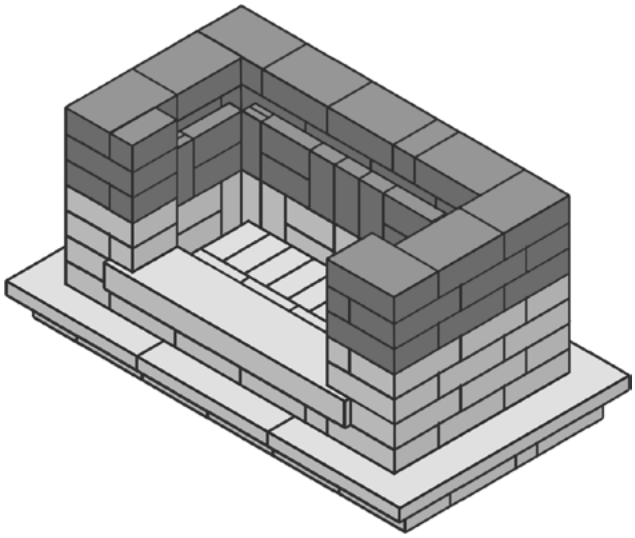
8

A. REPEAT STEP 6 & 7
Repeat the last two layers until you have a total of 5 layers above the mantel.

B. CONTINUE FIREBRICK INSTALLATION
Add another 2 rows of firebrick as shown. Finish the firebrick install at the next step.

Note: Continue to confirm level and measure to make sure your fireplace does not bow to either side in the front.

Materials Used:
(27) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick

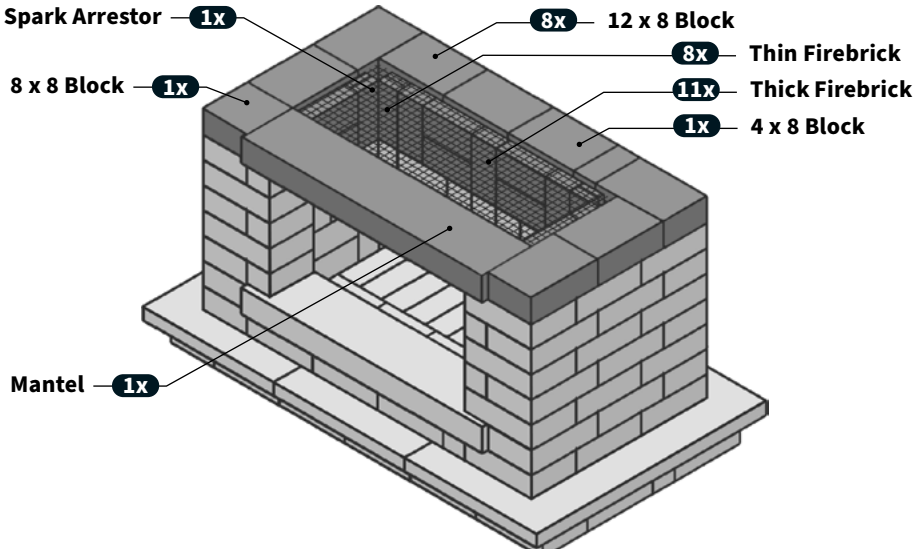


9

A. LAY THE NINTH BLOCK LAYER
Lay pattern as shown. Place the mantel so the text stating "this side down" is facing down. The mantel will overhang to the front by 1". The mantel should line up with the ends of the Caliber Stone on both sides. Tap blocks and level walls if they do not line up with the mantel.

B. Optional: Snip the wire mesh Spark Arrestor to 17"x 45" and place above the firebrick. This will be held in place by friction.

Materials Used:
(8) 12" x 8" x 4" Blocks
(1) 8" x 8" x 4" Blocks
(1) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(11) Thick Firebrick
(1) Mantel

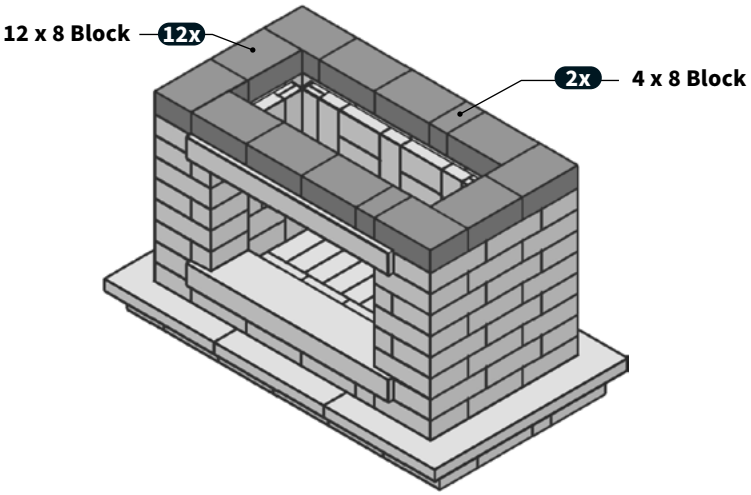


10

A. LAY THE TENTH BLOCK LAYER
Confirm level and measurements in all directions. .

B. CONFIRM VERTICAL LEVEL
Continue to level the sides of the unit as you do each layer to avoid any potential sway in the fireplace.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



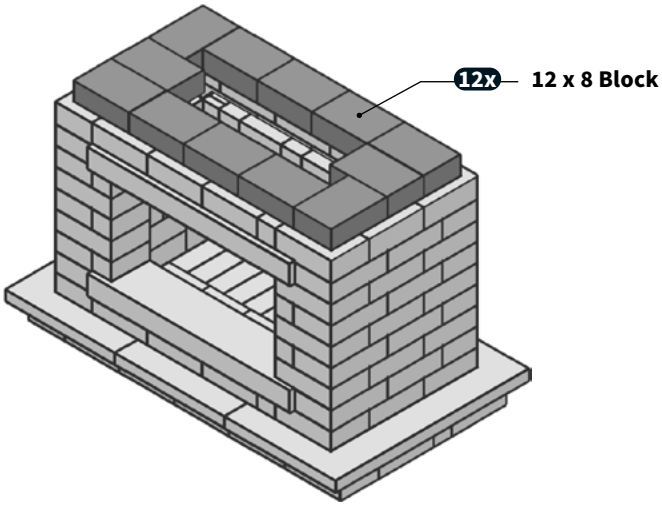
11

A. LAY THE ELEVENTH BLOCK LAYER
Do not use any silicone as it will make the units want to slide.

B. CONFIRM MEASUREMENTS
On all four sides, the blocks overhang inwards by 2".

Note: The overhang inwards is by design. Place a block on top of the corners to hold them in place if they feel like they may fall inwards. Once the next row is placed they will be secured.

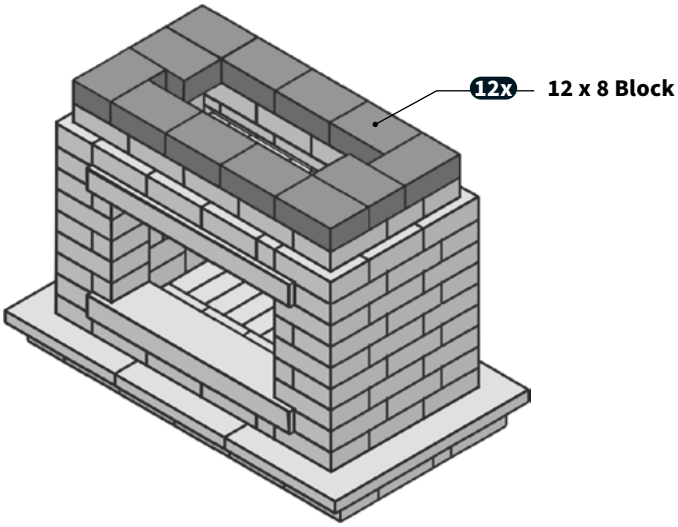
Materials Used:
(12) 12" x 8" x 4" Blocks



12

A. LAY THE TWELFTH BLOCK LAYER
Confirm level and measurements in all directions.

Materials Used Per Layer:
(12) 12" x 8" x 4" Blocks



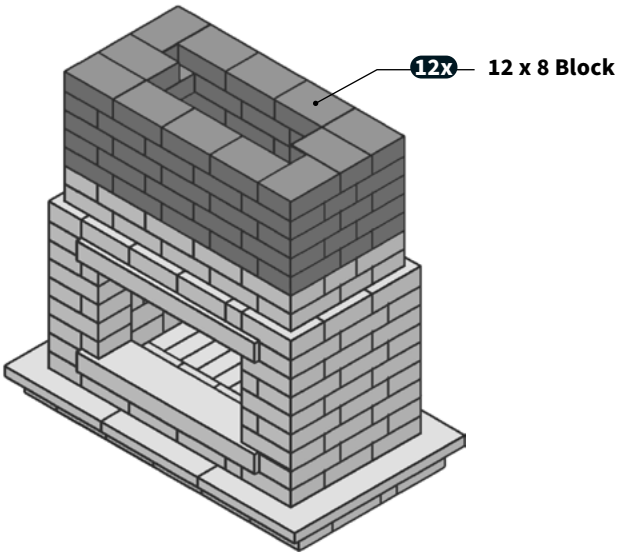
13

A. REPEAT STEP 11 & 12
Repeat the last two layers until you have a total of 7 layers above the mantel. Avoid shims if possible.

B. SILICONE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used:
(60) 12" x 8" x 4" Blocks



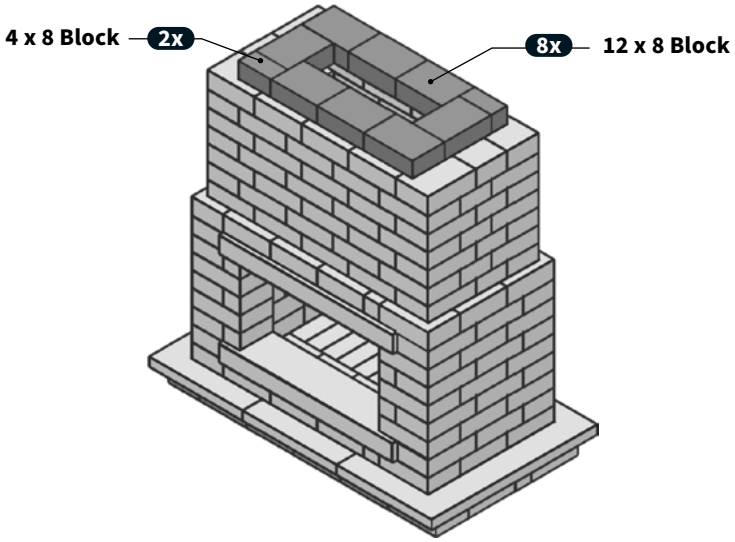
14

A. LAY THE EIGHTEENTH BLOCK LAYER
This layer sits centred on the layer below. It overhangs 2" from the front and back and 6" from the sides.

B. SILICONE LAYER
Silicone this layer with small dots of silicone.

Note: Confirm measurements as the silicone will make the blocks want to slide. Tap into place as needed.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

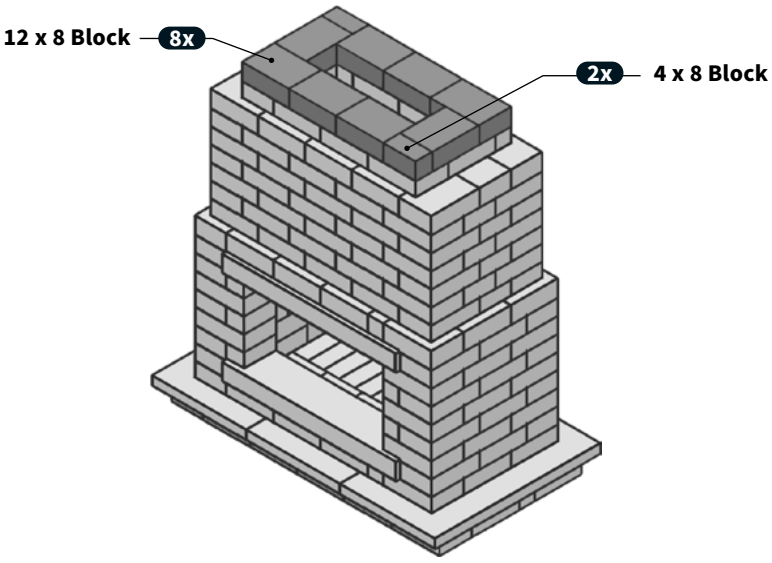


15

A. LAY THE NINETEENTH BLOCK LAYER
Confirm level and measurements in all directions.

B. SILICONE LAYER
Silicone this last layer with a continuous bead of silicone and tap into place.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

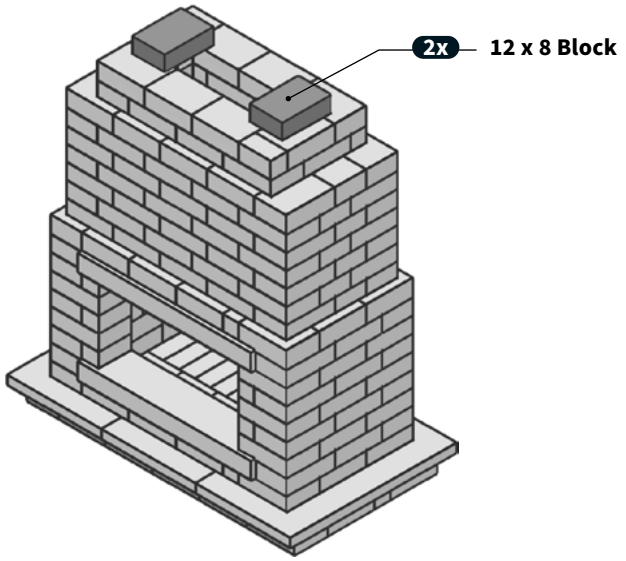


16

A. LAY THE NINETEENTH BLOCK LAYER
Place the final two blocks as shown. These blocks are centred front to back and 3" from both sides.

B. SILICONE BOTH BLOCKS
Using small dots, silicone the top layer in place. Let silicone settle if time permits before placing the panel in step 17.

Materials Used Per Layer:
(2) 12" x 8" x 4" Blocks



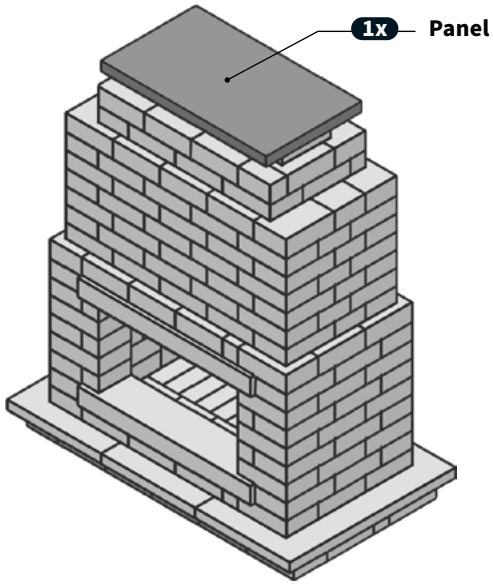
17

A. PLACE THE LAST PANEL
If installing the raincap by hand, use 3-4 people. This panel sits in-line with the with the layer below (step 15) on the front and back. It is centred side to side, 1" over on both sides.

B. SILICONE PANEL
Silicone this last panel into place. Lift one end of the panel once it in place to silicone the end. Then lift the other end and silicone.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(1) Panel



8

OPEN FIREBOX

DIFFICULTY
INTERMEDIATE

INSTALLATION
3-4 PEOPLE

BENEFITS
RAIN CAP

KIT SIZE
88"H X 72"W X 42"D

FIREBOX SIZE
24"H X 39"W X 13.5"D

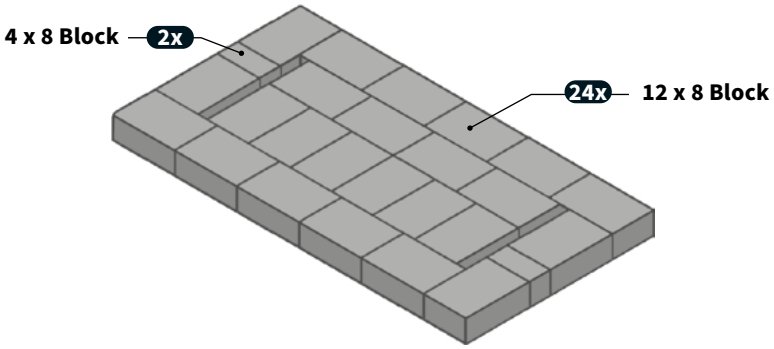
1

A. LAY THE FIRST BLOCK LAYER
On your prepared base, lay out the first layer as shown in the diagram.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Note: The two gaps are for a potential gas line and can be shifted to where the line enters.

Materials Used:
(24) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

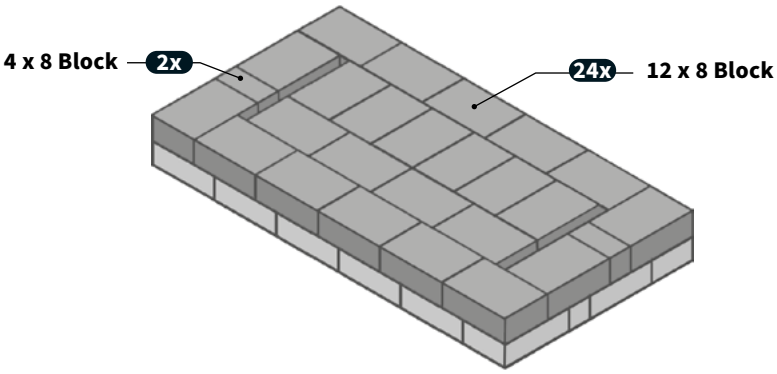


2

A. LAY THE SECOND BLOCK LAYER
The gap should be lined up with the gap below so blocks are not overhanging.

B. LEVEL LAYER
Take extra care to level the first layer using the provided shims. If installing on a hard base, place shims under this layer. Ensure your level glides smoothly across it.

Materials Used:
(24) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



3

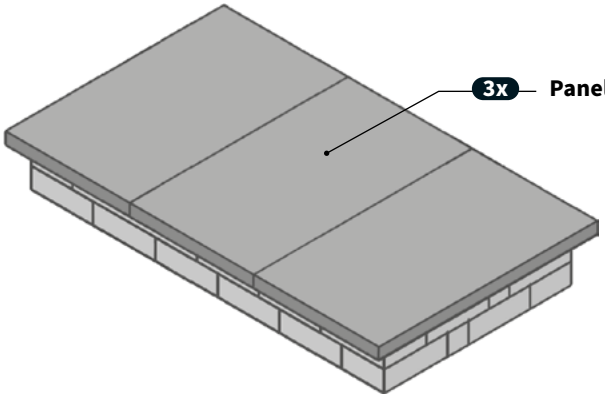
A. PLACE AND CENTRE THE PANELS
Centre 3 panels on the first layer with the smooth side facing up.

⃠ Do not use any shims under the panels. Shims may cause cracking. If you notice some wobbling, use silicone or re-level the layer below.

B. CHECK THE OVERHANG
Panels should overhang 2" on the sides, and 3" on the front and back.

Note: Confirming level is key as it is best to avoid using shims as much as possible from here on out.

Materials Used:
(3) Panels



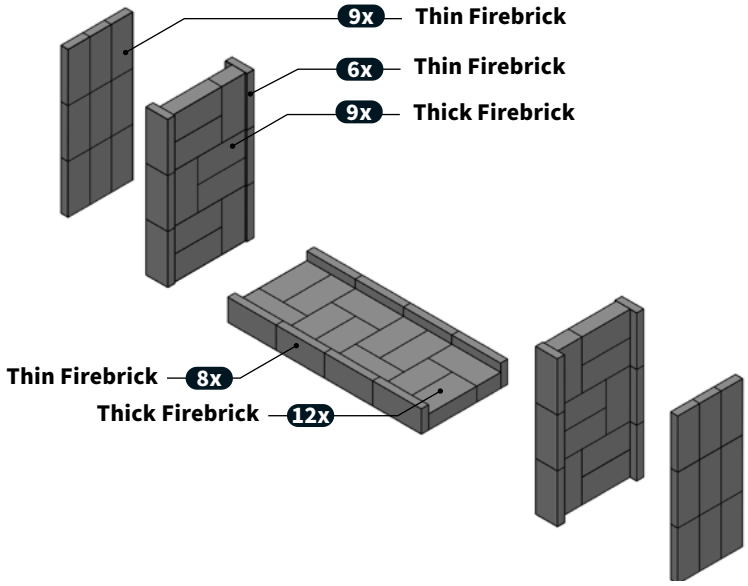
4

A. This is a detailed view of the firebrick configuration.

Firebrick can be siliconed together with small dots (optional).

Note: The firebrick should be built up with the Caliber Stone and should not be left till the end.

Materials Used:
(38) Thin Firebrick
(30) Thick Firebrick



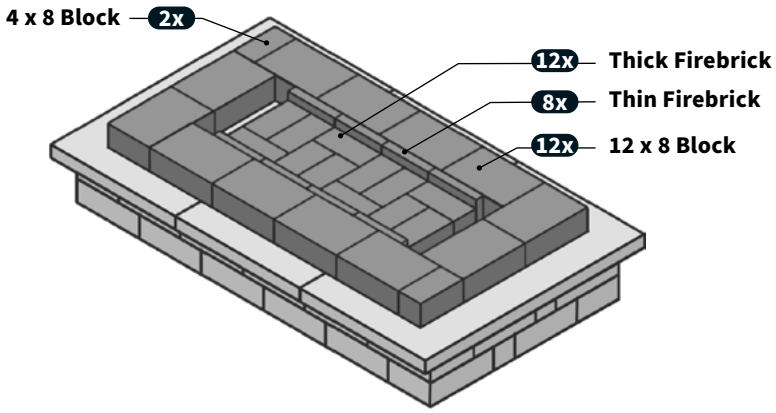
5

A. LAY THE THIRD BLOCK LAYER
This layer sits centred on the panels, 5" from the front and back of the panels, as well as 6" from both sides of the panels.

B. BEGIN LAYING THE FIREBRICK
Looking at step 4, begin installing the firebrick floor. Place the floor of the firebrick first. Tap into place.

Note: If installing a gas burner, remove or drill through the firebrick floor and panel. You can also go in from the back of the unit by cutting a slot into the Caliber Stone.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(8) Thin Firebrick
(12) Thick Firebrick



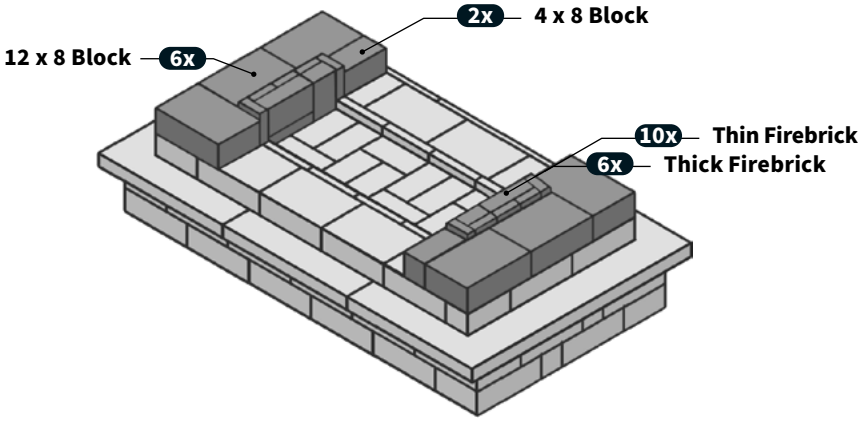
6

A. LAY THE FOURTH BLOCK LAYER
Confirm level and measurements in all directions.

B. LAY THE FIREBRICK WALLS
Place the first two rows of firebrick as shown in step 4. Silicone can be used if pieces feel loose. Tap into place.

Note: Maintaining level vertically is crucial and ensures your fireplace does not start leaning to one side.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick

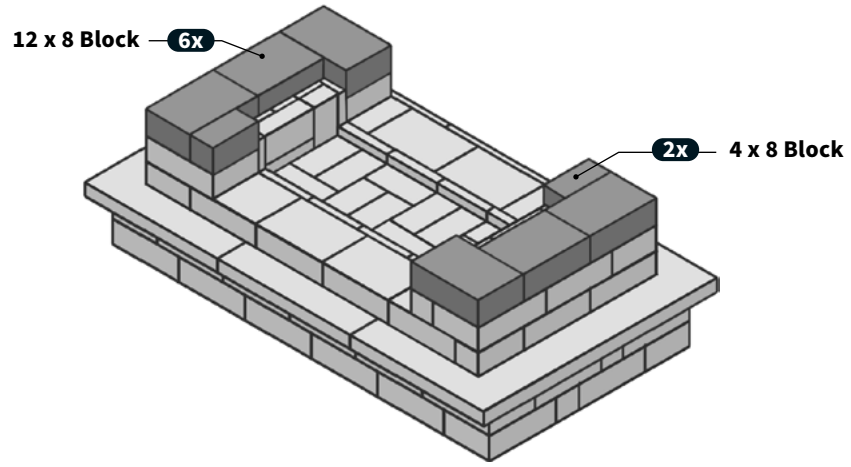


7

A. LAY THE FIFTH LAYER AS SHOWN
Confirm level and measurements in all directions.

Note: Only use silicone where suggested as silicone makes the blocks want to slide making install more difficult.

Materials Used:
(6) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

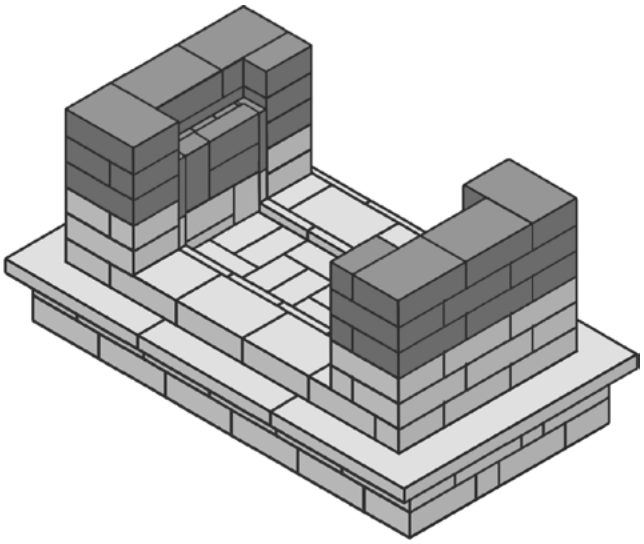


8

A. REPEAT STEP 6 & 7
Repeat the last two layers until you have a total of 5 layers above the base layer with the firebrick floor.

B. CONTINUE FIREBRICK INSTALLATION
Add another two rows of firebrick as shown and tap into place.

Materials Used:
(18) 12" x 8" x 4"Blocks
(6) 4" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick

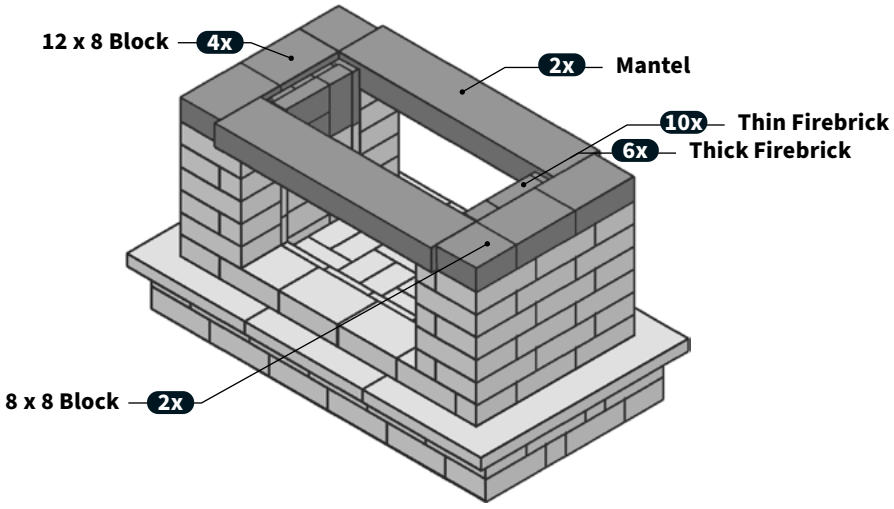


9

A. LAY NINTH BLOCK LAYER
Lay pattern as shown. Place the mantels with the "this side down" text facing downward. The smooth side of the mantel should be facing outwards and should overhang by 1".

B. MANTEL PLACEMENT
The mantels and the six Caliber Stone blocks should line up with the ends of the Caliber Stone underneath. Tap blocks and level walls if they do not line up with the mantels.

C. FINISH FIREBRICK INSTALLATION
Build the firebrick up until you have completed the assembly shown in step 4.
Materials Used:
(4) 12" x 8" x 4" Blocks
(2) 8" x 8" x 4" Blocks
(10) Thin Firebrick
(6) Thick Firebrick
(2) Mantel



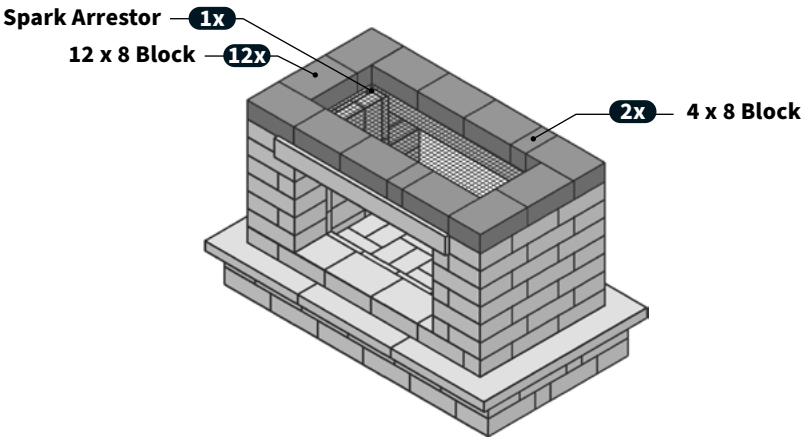
10

A. PLACE THE TENTH BLOCK LAYER
Confirm that the mantels still overhang by 1" on both sides to the front.

B. CONFIRM LEVEL
Continue to level both vertically and horizontally of the unit as you do each layer. Avoid shims if possible.

Optional: Snip the wire mesh Spark Arrestor to 17"x 45" and place above the firebrick. This will be held in place by friction.

Materials Used:
(12) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



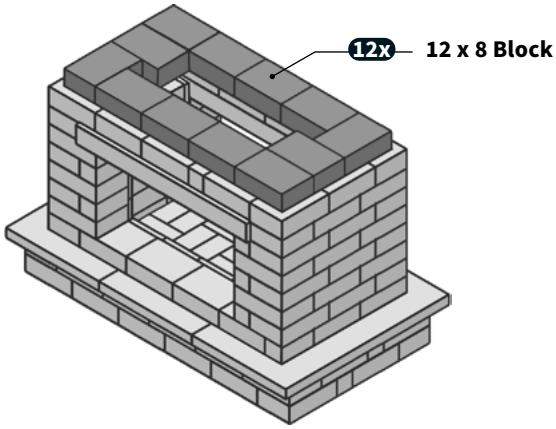
11

A. PLACE THE ELEVENTH BLOCK LAYER
Do not use any silicone as it will make the units want to slide.

B. CONFIRM MEASUREMENTS
On all four sides, the blocks overhang inwards by 2"

Note: The overhang inwards is by design. Place a block on top of the corners to hold them in place if they feel like they may fall inwards. Once the next row is placed they will be secured.

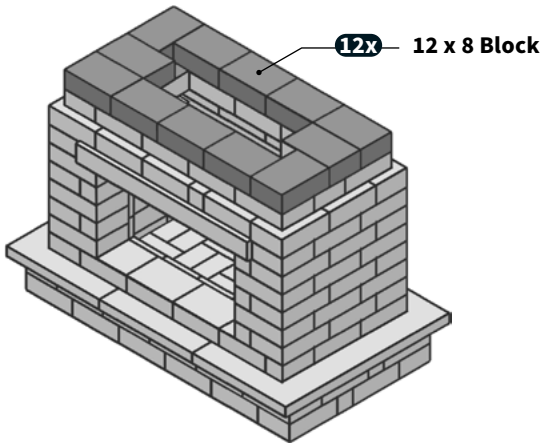
Materials Used:
(12) 12" x 8" x 4" Blocks



12

A. PLACE THE TWELFTH BLOCK LAYER
Place layer and level as needed.

Materials Used Per Layer:
(12) 12" x 8" x 4" Blocks



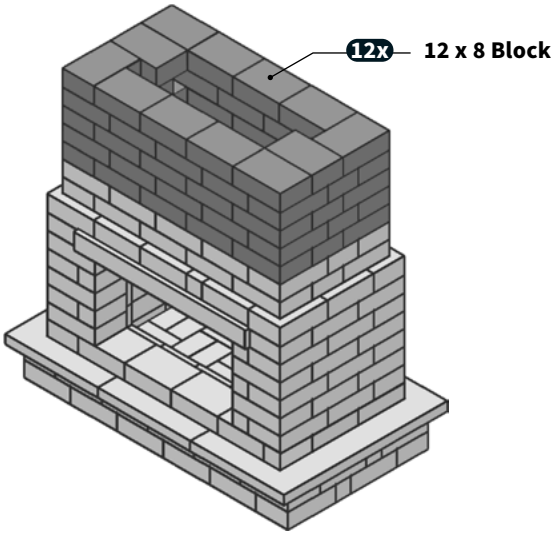
13

A. REPEAT STEP 11 & 12
Repeat the last two layers until you are 8 layers above the mantle. Avoid shims if possible.

B. SILICONE TOP LAYER
Using small dots, silicone the top layer in place.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used Per Layer:
(60) 12" x 8" x 4" Blocks



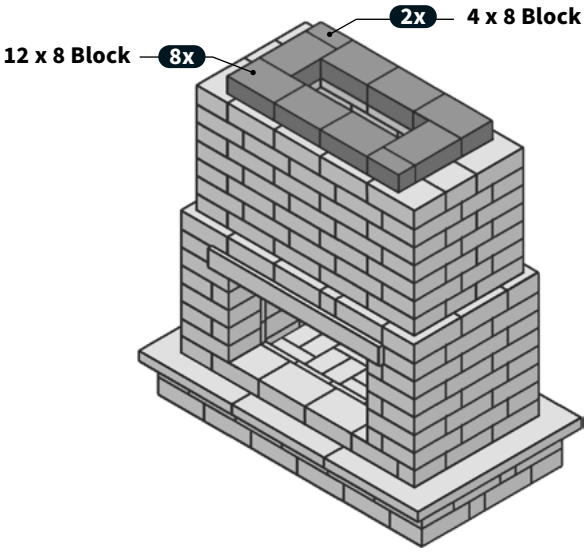
14

A. PLACE THE EIGHTEENTH BLOCK LAYER
This layer sits centred on the layer below. It overhangs 2" from the front and back and 6" from the sides.

B. SILICONE LAYER
Silicone this layer with small dots of silicone.

Note: Confirm measurements as the silicone will make the blocks want to slide. Tap into place as needed.

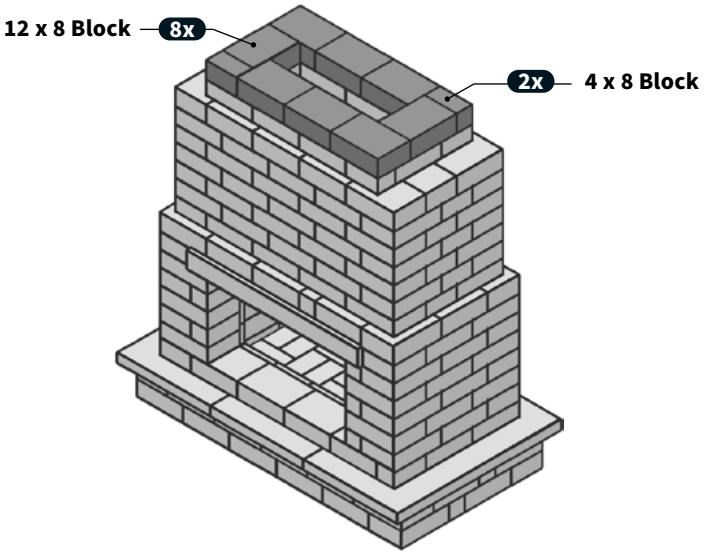
Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



15

A. PLACE THE NINETEENTH BLOCK LAYER
Confirm level and measurements in all directions.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks

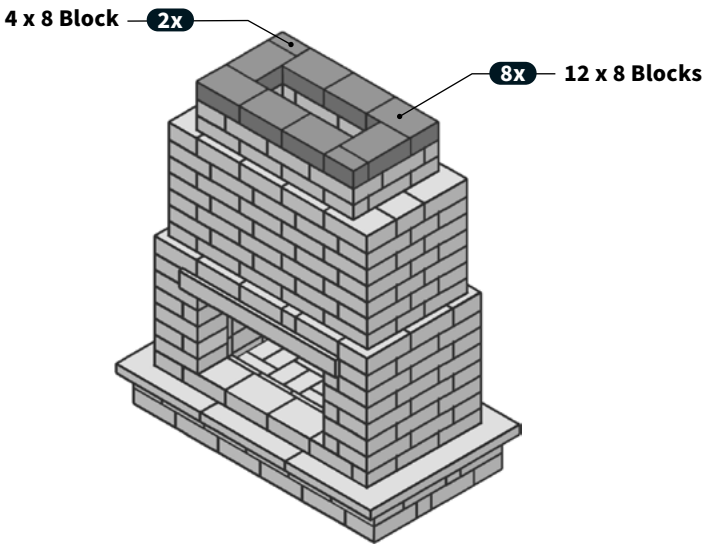


16

A. PLACE THE TWENTIETH BLOCK LAYER
Confirm level and tap into place.

B. SILICONE LAYER
Silicone this last layer with a continuous bead of silicone and tap into place.

Materials Used:
(8) 12" x 8" x 4" Blocks
(2) 4" x 8" x 4" Blocks



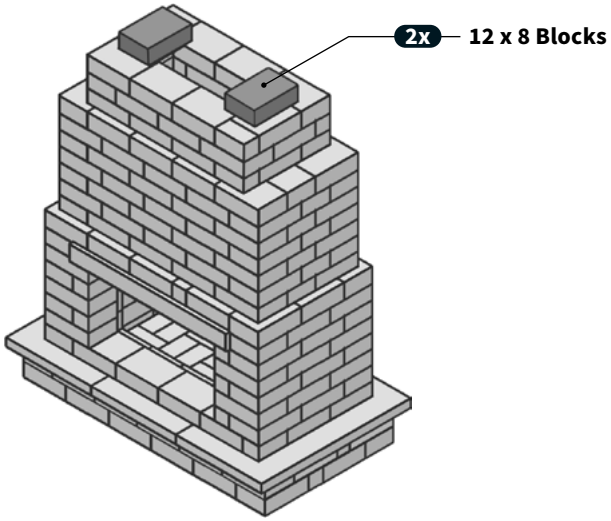
17

A. PLACE THE FINAL BLOCK LAYER
Place the final two blocks as shown. These blocks are centred front to back and 3" from both ends.

B. SILICONE BOTH BLOCKS
Using small dots, silicone the top layer in place. Let silicone settle if time permits before placing panel.

Note: Applying too much silicone will make the blocks want to slide and not stay in place. Apply it sparingly in small dots.

Materials Used Per Layer:
(2) 12" x 8" x 4" Blocks



18

A. PLACE THE LAST PANEL
If installing the raincap by hand, use 3-4 people. This panel sits in-line with the layer below (step 16) on the front and back. It is centred side to side, 1" over on both sides.

B. SILICONE PANEL
Silicone this last panel in place. Lift one end of the panel once it in place to silicone the end. Then lift the other end and silicone.

Note: The fireplace is now complete. Let silicone dry before starting a fire. It is recommended to keep your first fire smaller in-order to better condition the concrete.

Materials Used:
(1) Panel