

Stone Age Standard Outdoor Fireplaces

Steps for Construction:

Installation of the Stone Age fireplace is very simple. Project and site preparation should include pouring a reinforced concrete footing for the unit. Depth of the footing and specific reinforcement requirements, such as piercing, should be determined based on size of the unit, type of finish material to be applied, local soil stability, climate and building customs. Use the chart at right as a minimum guideline.

1) Determine the desired height of the firebox floor above the finished grade. The riser legs #1 and #1A provided with the kit are 18" tall and put the finished firebox floor approximately 24" above the footing. If a different height is desired, discard riser legs and build base from concrete blocks.

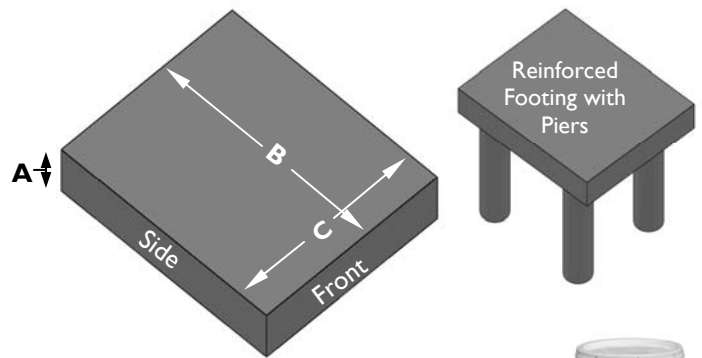
2) Once the base is level and square, set the baseplate #2. Level it front to back and side to side. Next, if using firebrick, install pieces #3 through #5 in order shown in the images. If using Stone Age Refractory Panels, install them before pieces #3 through #5. Keep each piece level and plumb as you go up.

3) It is the easiest to install the firebrick inside the firebox AFTER piece #6 and before piece #7. Line the floor, then the back and then sidewalls. Apply 1/4" thick layer cement to the back of brick and 1/4" mortar joint around the brick. NOTE: add extra cement to mixture when applying brick and add water to thin down mixture. You want your cement richer and wetter when applying firebrick. If using Stone Age Multi-Purpose Ready-Mix, it is not necessary to add water to the mix.

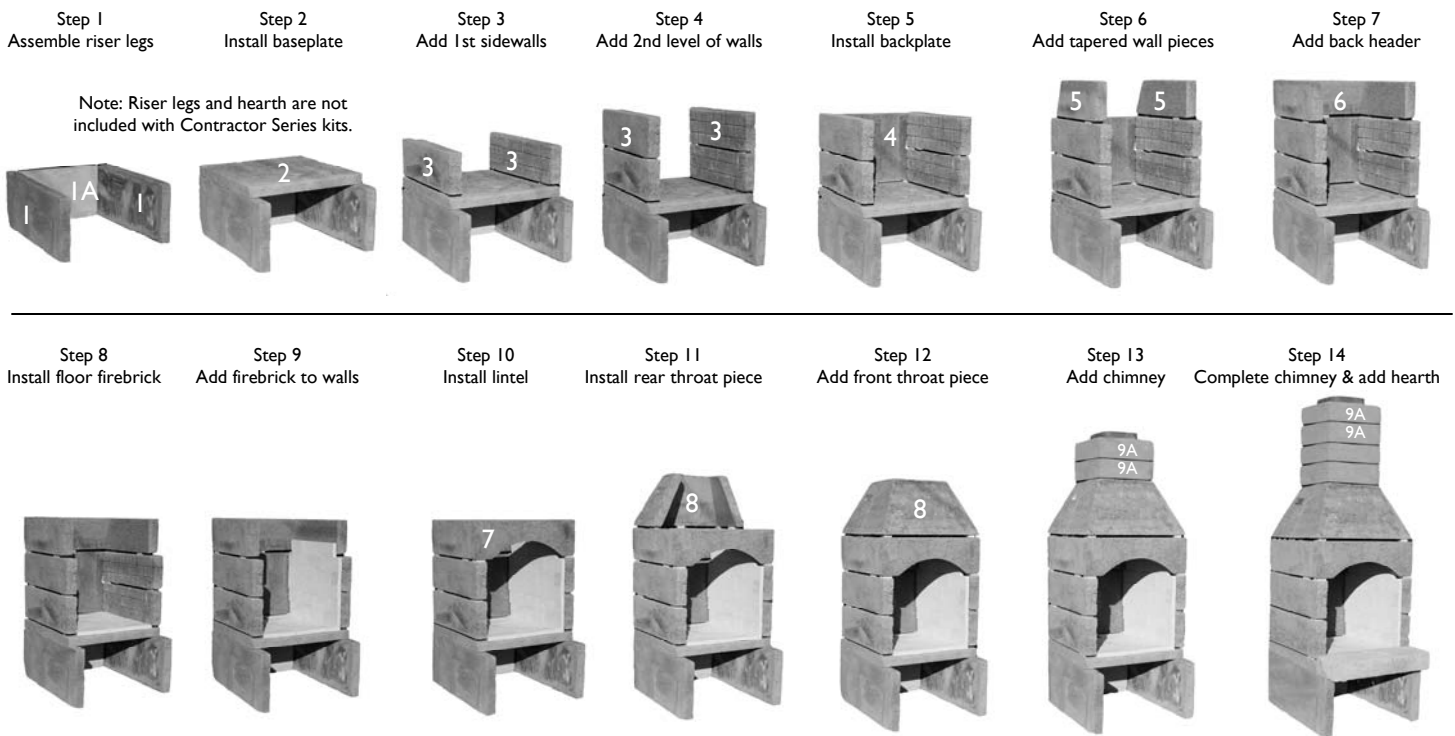
4) Continue installation of pieces #7 thru #9A. (Note: 48" units require #11 throat adapter, which mounts atop #8). When completed install hearth piece #10, if desired. You are now ready for exterior finishing.

5) **IMPORTANT NOTE:** Unit should not be fired for 28 days after completion, to allow full curing of mortar and to release moisture within the fireplace components. Break in or cure the fireplace by building 3 small fires before building a larger fire.

Minimum Requirements for Footing		24"	36"	48"
Thinner Finishes- Fabricated Stone, Stucco, Stain or Tile	A	4" - 6"	6" - 8"	8" - 10"
	B	48"	48"	48"
	C	40"	52"	64"
Thicker Finishes- Full Veneer Natural Stone or Brick	A	8" - 12"	12" - 18"	18" - 24"
	B	54"	54"	54"
	C	46"	58"	70"

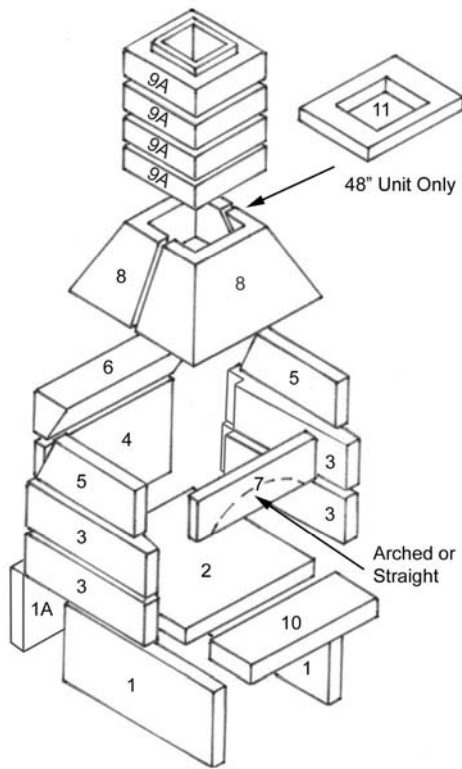


Stone Age recommends using our Multi-Purpose Ready-Mix for the assembly of all Stone Age products.



Once the kit is assembled, finish application may begin. Any masonry-compatible finish, such as stucco, tile, brick, man-made stone, pavers or natural stone, may be used with all Stone Age products, and may be applied directly to the outside of the units. Customization is very simple, as standard concrete block may be directly applied around any unit to create a different shape or profile, before application of the finish material.

Construction Diagram



Assembled Kit



Recommended Optional Items

Multi-Purpose Ready-Mix



Refractory Panel Kit



Log Grate



Chimney Cap



Part # / Name	24"	36"	48"
#1 Riser Legs	18"t x 40"d	18"t x 40"d	18"t x 40"d
#1A Cross Leg	18"t x 27"w	18"t x 38"w	18"t x 51"w
#2 Baseplate	34"w x 33"d	46"w x 33"d	58"w x 33"d
#3 Sidewall	11"t x 33"d	11"t x 33"d	11"t x 33"d
#4 Backplate	22½"t x 28"w	22½"t x 40"w	22½"t x 52"w
#5 Slanted side	11"t x 26"d	11"t x 26"d	11"t x 26"d
#6 Back Header	11"t x 34"w	11"t x 46"w	11"t x 58"w
#7 Front Header (Lintel)	11"t x 34"w	11"t x 46"w	11"t x 58"w
#8 Throat	19"Sq at top x 16"t	23"Sq at top x 16"t	23"d x 30"w x 16"t
#9A Flue	19"Sq x 6"t	23"Sq x 6"t	23"Sq x 6"t
#10 Hearth	11"d x 5"t x 34"w	11"d x 5"t x 46"w	11"d x 5"t x 58"w
#11 Throat Adapter	N/A	N/A	23"d x 30"w x 4"t
Outside Dimensions & Specifications			
Riser Legs Depth	40"d	40"d	40"d
Firebox Outside Depth	33"d	33"d	33"d
Firebox Opening Height	Straight: 23"t, Arched:27"t	Straight: 23"t, Arched:27"t	Straight: 23"t, Arched:27"t
Overall Height	7' 11" t	7' 11" t	8' 3" t
Overall Weight	2300 lbs	2800 lbs	3100 lbs
Finishing Specifications	75 Sq ft of surface, including 32 Ln ft of corners	100 Sqft of surface, including 32 Ln ft of corners	125 Sq ft of surface, including 32 Ln ft of corners
Abbreviations: t = tall d = depth - from front to back sq = square w = width - from side to side			

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