



2021 Price List

SR Masonry Heater Kits & SR Doors

The SR Masonry Heater Design System is a combination of all of the major masonry heating designs from Europe, so we have few limitations. SR Core Systems can be easily designed to many shapes, sizes and configurations with special casting shapes, giving you flexibility of design for your project. We offer 3 main building options depending on your skill level, budget, and free time available to you for your build.

All of our SR Doors & SR Cores are Made in USA with materials from the US & Canada with the exception of our kiln shelves being made in India. We are centrally located in Duluth MN for easy shipping everywhere.

SR Design offers CAD design services for all shapes, sizes, and styles of masonry heaters and both residential and commercial wood & coal fired ovens. We meld the best of the Russian Bell, Austrian, Finnish and Swedish designs into modularized systems that don't require 100's of saw cuts. We can also supply and ship you all of the specialty materials required for your project including: firebrick, firebrick slabs, gaskets, insulation, and doors. Call for pricing.

Our **SR Hybrid Core System** use on average 230 firebricks as the primary material and 18 cast refractory slabs for spanning openings, oven components and draft channels.

The **SR Cast Core System** uses an average of only 40 firebricks to line the replaceable firebox with and 36 refractory castings to lay. Making it the fastest and least technical system to build.

We offer 3 standard sized SR Core engine systems with 13", 18" & 22" wide fireboxes with options up to a 32" wide firebox. The standard system includes draft channels on both sides of the engine core (like a Contraflow Heater).

All of our SR Core Systems supply you with all the required materials for building the masonry heater core system including: firebrick, refractory mortar, refractory slabs, insulation, gasketing, and expansion materials. SR Doors are also included in the price. Options include: SR white oven (600° on 1 fire) & black ovens, grilling, heating water, heated benches & cook stoves.

Homeowner should have a heat loss calculation done to know the required heat needed.

www.solidrockmasonry.com



2021 Pricing

SR Hybrid Core Systems

SR-13H no oven \$5,118

SR-13HBO with black oven \$6,038

SR-13HWO with white oven \$6,268

SR-18H no oven \$6,510

SR-18HBO with black oven \$7,545

SR-18HWO with white oven \$7,775

SR-22H no oven \$6,855

SR-22HBO with black oven \$7,890

SR-22HWO with white oven \$8,120

SR Cast Refractory Systems

SR-13C no oven \$5,647

SR-13CBO with black oven \$6,559

SR-13CWO with white oven \$6,779

SR-18C no oven \$7,808

SR-18CBO with black oven \$7,989

SR-18CWO with white oven \$8,275

SR-22C no oven \$7,395

SR-22CBO with black oven \$8,385

SR-22CWO with white oven \$8,605

SR Masonry Heater Design Services with full 2D SketchUP Blueprints in course by course pdf drawings, 3D elevations, and custom architectural façade designs with AIA Certified Architect. \$200-\$1,000's depending on service and project size.

Heater Options:

5-sided, 6 sided, oval, round shapes, & Offset Asymmetrical firebox designs \$450-950 extra

SR Heated Bench Systems \$70/ln.ft.

Antique and new tiles for building Kachelofen or Kachelugn.

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2021 Price Sheet

Solid Rock Masonry Heater and Bake Oven Doors

SR Doors are fabricated by our welder in Duluth MN, with North American steel, Pyro Ceramic glass (rated higher than Robax) and are fully gasketed. SR Firebox doors have an air frame built into them to supply 100% of the required combustion air for your firebox size. This design supplies the proper ratio of pre-heated underfire and overfire air for clean combustion plus an air wash on the glass to help keep the glass clean.

SR Doors are sized to fit your firebox opening. For example, the SR-18FB door has a glass size of 18"w X 18.75" tall and is designed for a standard firebox size of 18"w X 22.5" tall.

Combustion air is delivered directly into the front of the doorframe so you eliminate the need for bringing in air from an ash/air door. This eliminates the guesswork out of where to bring in combustion air if you are building a heated bench. Air can also be brought in under the door frame for localities that require outside make up air. We can build custom sized doors of any size for your masonry heater, bake oven, cook stove, fireplace, and residential or commercial wood-fired oven. Allow 4-8 weeks of lead time on all door orders. Shipping is priced per order.

Firebox Doors specify 4" or 5" deep air frame for brick or stone.

Model	Glass Size	Price
SR-13FB	13.25 x 18.75"	\$1236
SR-16FB	16.25 x 18.25"	\$1,334
SR-18FB	18.25 x 18.75"	\$1,418
SR-22FB	22.25 x 18.75"	\$1,530
SR-24FB	24.25 x 18.75"	\$1,641
SR-28FB	28.25 x 18.75"	\$1,986
SR-32FB	32.25 x 18.75"	\$2,210

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Solid Rock Doors

Bake Oven Doors

Model	Price
SR-13BO	\$781
SR-18BO	\$822
SR-22BO	\$921

For Arched top (rectangular glass) doors: Add \$85/door

Black Bake Oven Doors with combustion air supply. Can be used for a masonry heater black oven or for a wood fired oven

SR-13BBO	\$906
SR-18BBO	\$977
SR-22BBO	\$1046

Gasketed Clean-out Door with 4" air deep frame

SR-CO	8"x8" OD	5x5" ID	\$80
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Gasketed Ash Door

SR-A	8x12" OD	5x9" ID	\$200
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Solid Rock Masonry

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Duluth MN

218-343-2978



2021 Price List

SR Masonry Heater Kit Specifications & Dimensions

Model SR-13 Hybrid & Cast Units

Core Dimensions: 36"w x 23"d x 74"h

Finished Dimensions w/ 4" masonry veneer: ~43"w X 32"d x 80"H

Firebox: 13"w x 18"d

Black oven: 18"w x 18"d w/ 3.5"w channel in center

White oven: 18"w x 15"d

Chimney: 7"ID round flue or equivalent*

Fuel load: 35#/ fire every 8 hours max.

Heat Output: ~183,750 Btu's per fire or 7,650 btu's/hr over 24 hrs. You can have a max of 2 fires per day. On 2 fires per day your output is ~367,500 Btu's over 24 hrs or 15,300 Btu's/hr.

Heating area: ~ 1,000 sq.ft home with 8ft ceilings and Energy Star Rating

Model SR-18 Hybrid and Cast Units

Core Dimensions: 40"w x 23"d x 74"h

Finished Dimensions w/ 4" masonry veneer: ~48"w X 32"d x 80"H

Firebox: 17"w x 18"d

Black oven: 22"w x 18"d w/ 4"w channel in center

White oven: 22"w x 15"d

Chimney: 8"ID round flue or equivalent*

Fuel load: 60#/ fire every 8 hours max.

Heat Output: ~327,000 Btu's per fire or 13,650/hr over 24 hrs. You can have a max of 2 fires per day. On 2 fires per day your output is ~655,200 Btu's over 24 hrs or 27,300 Btu's/hr.

Heating area: ~ 1,800 sq.ft home with 8ft ceilings and Energy Star Rating

Model SR-22 Hybrid and Cast Units

Core Dimensions: 45"w x 23"d x 74"h

Finished Dimensions w/ 4" masonry veneer: ~53"w X 32"d x 80"H

Firebox: 22"w x 18"d

Black oven: 27"w x 18"d w/ 4.5"w channel in center

White oven: 27"w x 15"d

Chimney: 8"ID round flue or equivalent*

Fuel load: 65#/ fire every 8 hours max.

Heat Output: ~341,000 Btu's per fire or 14,220Btu/hr over 24 hrs. You can have a max of 2 fires per day. On 2 fires per day your output is ~682,000 Btu's over 24 hrs or 28,416 Btu's/hr.

Heating area: ~ 2,000 sq.ft home with 8ft ceilings and Energy Star Rating