



FIRE ROCK

MANUFACTURING INC.

Fire Rock Fireplace and Chimney Systems

WARMTH AND BEAUTY

The timeless beauty and natural warmth of a fireplace set the tone for an entire house. For this reason, the construction quality of a fireplace acts as a preview of the construction quality in other parts of a home.

Selecting an all-masonry fireplace will have many benefits including: creating a more luxurious look, less ongoing maintenance, greater safety from potential fires and longer useful life. The value of an all-masonry fireplace is acknowledged by the appraisal industry and is reflected in the appraised value of a home.

Fire Rock Manufacturing is an Atlanta based manufacturer of pre-engineered all-masonry fireplaces. The Fire Rock System can generally be installed in one or two days for HALF THE COST OF A SITE-BUILT MASONRY FIREPLACE.

EFFICIENT AND SAFE

Fire Rock is an engineered system of pre-cast components that fit together like building blocks, thus greatly reducing the labor required to construct a masonry fireplace. It is readily assembled on delivery to a jobsite.

The modified Rumford Shape of the firebox and smoke chamber provides the most efficient combustion of fuels and removal of unwanted by-products. The pre-engineered design virtually ensures proper draught and eliminates installer error.

BENEFITS OF FIRE ROCK

ENHANCED DRAW

The high-draft throat provides a “Venturi tube” shape to enhance firebox draw and creates a traditional “smoke shelf” at the base of the smoke chamber.

LARGEST MASONRY FLUE

15” round masonry flue (largest of its type in the industry) allows smoke to curl so that it travels faster up the chimney.

GREATER HEAT REFLECTION

Light Pumice Aggregate prevents heat transference and naturally reflects heat into the room rather than absorbing it.

GREATER INSULATION

“Solid Block Chimney” provides the most insulation material between your home and hot flue gases.

ACCOMMODATES WOOD OR GAS

System is adaptable to metal flue, outside air kits and ash dumps making Fire Rock perfect for wood burning, coal, or gas logs. Vent free models are also available.

BUILDER FRIENDLY

System is designed and manufactured with a setback that allows for easier framing.

TESTED TO UL STANDARDS

The safety and performance is assured by full compliance with Underwriters Laboratories 127. (tested by Warnock Hersey Labs)

FLEXIBLE DESIGN COMPONENTS

Offset blocks, bricking flanges and height extension kits allow for easy customization of the system.

REDUCED DETERIORATION

Sand-free, latex modified mortar reduces deterioration caused by expansion and contraction.

EASY TO INSTALL

Unique nesting feature removes guesswork during installation. Interlocking components also enhance safety and strength.

RUMFORD STYLE

The Fire Rock Modified Rumford can accept gas appliances or be used to create a perfect replica of the unique Rumford design that is often specified for wood burning fireplaces.

20-YEAR WARRANTY

Comes complete with a 20-year warranty on material.

INSTALLATION IN ONLY A MATTER OF HOURS



Step 1 · Set Base Plate on non-combustible foundation



Step 2 · Fire Box Sides set, start building the back



Step 3 · Place Centerbacks along rear of Base Plate



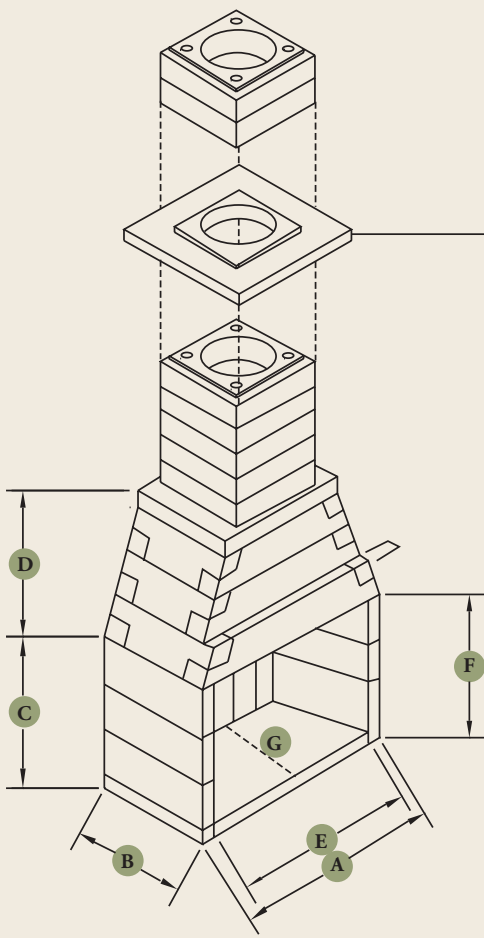
Step 4 · Set High-Draft Throat along top/
build Smoke Chamber



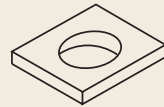
Step 5 · Set Chimney Blocks in place



Step 6 · Install Firebrick and fireplace is complete



BRICKING FLANGE
Supports brick or stone above the roof



OFFSET BLOCK
The offset block allows for "twisted" flues and stacked fireplaces



CONVENTIONAL

The flagship of the Fire Rock System, this pre-engineered, refractory component kit represents the latest technology in safe, high performance, all-masonry fireplace and chimney.

Once installed, any number of veneers can be added including: brick, stucco, stone or manufactured stone to finish your fireplace.

FINISHED OPENING

FIREBOX		30"	36"	42"	48"
Overall Width	A	38	44	50	56
Overall Depth	B	28 1/2	28 1/2	28 1/2	28 1/2
Firebox Height	C	38	38	38	38
Smoke Ch. Ht.	D	22 3/4	32 1/8	32 1/8	41 1/2
Opening Width*	E	32 1/2	38 1/2	44 1/2	50 1/2
Opening Height*	F	32 1/8	32 1/8	32 1/8	32 1/8
Firebox Depth*	G	22 3/4	22 3/4	22 3/4	22 3/4
Width at Top		26	26	32	32
Width at Rear		21 7/8	27 7/8	33 7/8	39 7/8
Min. Framing Width		40	46	52	58
Min. Framing Ht.**		48	48	48	48
Min. Framing Depth		29 1/2	29 1/2	28 1/2	29 1/2
Overall Height Incl. Base		61 1/2	72	72	82 1/2

CHIMNEY	LENGTH	WIDTH	DEPTH
Solid Block Chimney	22	22	6
Offset Block	24 1/2	22	4
Bricking Flange	32	32	3
Crown Cap	34	34	3

*sizes are before installation of firebrick

**to first header

Custom sizes available with appropriate lead time

Clearance to combustibles: Firebox 1", Chimney 0"

The Fire Rock system dimensions are always consistent and always "true measure". There is no guesswork when you design the room around your fireplace.





VENT FREE

In the event space restrictions won't allow any chimney, the Fire Rock Vent-Free fireplace provides the flame, beauty and warmth of a fireplace without the expense of a chimney or masonry support structure. Just couple it with an A.N.S.I. approved, 40,000 B.T.U. vent-free gas log appliance.



A Vent Free model assembles the same way as the traditional model.

The Fire Rock Vent-free firebox must be installed with the following clearances to combustibles:

- Unit to floor 0 in.
- Unit to side framing 0 in.
- Unit to backwell 0 in.
- Unit top at rear to framing 0 in.
- Unit top at front to framing 3.5 in.
- Unit opening to ceiling or mantle.... 12 in.
- Unit opening to adjacent wall..... 6 in.

The front surface at the bottom and sides must be covered with non-combustible material. The front surface at the top must be covered with non-combustible material that extends three (3) inches above the top of the structure. Any header above the top at the unit front must be non-combustible material.

No "B" Vent or Glass Front needed!

OUTDOOR

The outdoor living environment has become one of the hottest trends in residential construction and the Fire Rock System provides the largest, most beautiful way to enhance your patio, lanai, or pool house. All-masonry systems do not experience the rusting problems that are common when metal boxes are used in outdoor applications.





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