

# Create the space you've dreamed about

*with a Lightweight Masonry Fireplace*

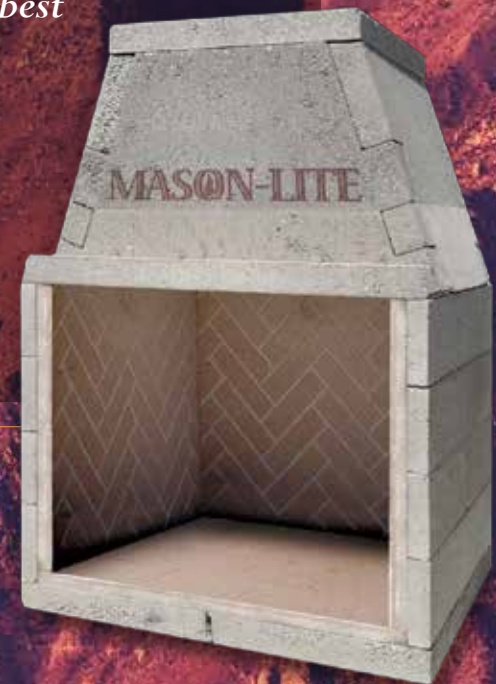


**MASON-LITE**  
by MFI • Masonry Fireplace Industries, LLC  
**Modular Pre-Cast Fireplace Systems**



*At Mason-lite, we use the finest aggregate materials available to build our lightweight modular concrete fireplaces. One of the main ingredients is pumice, a naturally fired volcanic rock with tremendous strength. Its lightweight attributes are second to none, and because of its pre-fired beginnings, pumice retains heat better than any natural aggregate available. The best sources for USA pumice are in the western states, convenient to Mason-Lite's California-based production facilities.*

*Pumice is formed when gas-rich, frothy magma rapidly cools, creating air pockets that contribute to its remarkable lightweight properties.*





*Recreating the tradition of the hearth and the elegance & romance of the flame, Mason-lite captures the essence of the fireplaces masonry artists have been crafting for centuries. And, with a proven history of superior quality, lightweight fireplaces for indoor and outdoor projects, it's no wonder Mason-Lite is one of the industry leaders of modular concrete fireplaces.*

# Why Mason-Lite?

## *The benefits are indisputable*

- Lightweight construction with multiple sizes available
- Best fit and finish in the industry
- Available for indoor, outdoor, wood burning, natural and propane gas systems
- Approved for multi-story and combustible wood floor installations
- Dynamic thermal efficiencies, with the highest resistance strength at 28 days
- Tested to UL127 safety standards using UL103 chimney components
- Optional herringbone or running bond firebrick panels for easy installation
- Limited lifetime warranty
- Made in USA of all USA sourced materials



With the help of ICC-ES, Mason-Lite developed the structural testing and performance criteria (AC375) that would comply with the International Building Code (IBC), the International Residential Code (IRC) and the International Fuel Gas Code (IFGC). This allows building officials throughout the US to confirm that Mason-Lite fireplaces meet these stringent codes.

**26%**

**STRONGER**

Greater strength-to-weight ratio  
than the competition

**50%**

**LIGHTER**

Less cost for shipping and  
installation and more flexibility

**100%**

**USA MADE**

Helping support the  
U.S. economy

**100+**

**YEARS**

Fireplace experience  
between three partners



# Wood & Gas

*Invite warmth into your home*





# Modular Pre-Cast Fireplace Systems

*Since 2005, Mason-Lite has been a premier provider of traditional and contemporary lightweight masonry fireplaces costing up to 50% less than hand-built masonry fireplace alternatives. Architects, designers and homeowners have all experienced the benefits of our fireplaces and understand that Mason-Lite fireplaces can transform a house into a home.*

- All fireplaces are for indoor and outdoor applications
  - Wood and gas burning
- Modular kits are available for standard and fully-custom units
- All standard kits include mortar, t-bar for lintel, and re-bar
- Quality fit and finish
- Lightweight design with the strength of 3500 PSI
  - Reduce labor costs
  - Reduce assembly time down to 2 to 3 hours
- Optional firebrick panels available
  - 20 to 30 minute installation
- ANSI Z21 compliant; UL & ULC tested and listed
- Glass door tested and listed
- EPA Phase II qualified-patented PureBurn™





# Custom Systems

*The possibilities are endless*





## Custom Fireplace Systems

*Turn your fireplace dreams into reality! With Mason-Lite custom fireplaces, the possibilities are endless. We will help you design a safe, yet esthetically beautiful custom fireplace for your indoor or outdoor living space. You provide the opening size, style and application and we will handle the rest. Past projects include fireplaces up to 30 feet wide and some with 6 foot-plus opening heights.*

- Fully customizable fireplaces meeting NFPA 211 requirements
- Wood burning, gas burning and vent free options available
- Single-sided, see-thru, corner, 3-sided and 4-sided options
- Linear fireplaces available in standardized sizes
- Golden Blount Alpine burners for Linear fireplace line
- Square sides available for a 90° option
- Chimney fans available for difficult venting situations



*To learn more about our custom capabilities, please visit us at [www.mason-lite.com/custom](http://www.mason-lite.com/custom)*

# Vent-Free Systems

*Masonry fireplaces add value and elegance to your home. Using a Mason-Lite Vent-Free fireplace also provides warmth and beauty to any room in your home without taking up valuable real estate for a chase and chimney.*

- Easy installation
- Convenient, no-mess operation
- Requires zero clearance to combustibles
- More radiant heat
- Clean and environmentally friendly
- Approved with any ANSI Z21.11.2 approved gas log set\* and vent-free burners for contemporary media
- Maximum BTU's for indoor application - 39,000; outdoor - 50,000
- Standard sizes: 39", 44", 49"; see through and custom kits also available

*Indoor vent-free fireplaces are approved across the USA in over 45 states.*

*\* Please check your local jurisdiction restrictions.*

*\*Vent free log sets not included*



## Unique Features

- Limited Lifetime Warranty
- Made in USA of all US sourced materials
- Lightweight construction with multiple sizes available
- Best fit and finish in the industry
- Dynamic thermal efficiencies, with the highest resistance strength at 28 days

*To learn more about our Vent-Free line, visit us at [www.mason-lite.com/products](http://www.mason-lite.com/products)*



# B-Vent Systems

*Light up your living space with a Mason-Lite B-Vent fireplace. Complete with realistic logs, a remote control and safety features, it's the perfect alternative to wood burning. Add our optional firebrick panels to complete your authentic masonry fireplace.*

- Clean and environmentally friendly
- Smaller flue for reduced framing
- Requires zero clearance to combustibles
- Safety shutoff feature for fail-safe operation
- Standard sizes: 39", 44", 49", 43" see-through; custom kits also available
- Includes premium quality realistic gas logs designed to replicate the natural beauty of wood



# PureBurn™ Systems

*With air quality regulations becoming more restrictive, we're pleased to introduce our PureBurn™ clean burning fireplace. The specially designed PureBurn™ burner system uses natural gas or propane to assist the wood-burning process. The result? Your masonry fireplace will burn cleaner than ever before. If your local building codes require an EPA Phase II qualified fireplace, we have the one for you - PureBurn™.*

- EPA Phase II qualified
- Dual fuel fireplace system
- Patented design - Patent No.: US D725,258 S
- Electronic ignition offered for safety
- No catalytic converter necessary
- Available for use in MFP33, MFP39, MFP44, MFP49 and MFP63 models



*To learn more about our BVent & PureBurn™ line, visit us at [www.mason-lite.com/products](http://www.mason-lite.com/products)*



# Outdoor Living

A photograph of a modern outdoor living space. In the foreground, a large, rectangular stone fireplace with a metal screen is built into a wooden pergola structure. The fireplace has a circular metal ornament above the opening, which contains a fire. To the left of the fireplace, a wooden deck is covered with a patterned rug. On the rug, there is a light-colored sectional sofa with dark blue and patterned throw pillows. A low wooden coffee table sits in front of the sofa. In the background, a dining table with chairs is visible under the pergola. The entire area is surrounded by lush green trees and a wooden fence.

*Create the perfect space  
with an outdoor fireplace*



*Create the outdoor living space of your dreams with Mason-Lite hearth products. Whether it's a fireplace, a fire ring or a pizza oven, our mission is helping homeowners realize their dream of installing true masonry products without the cost and complexity of traditional masonry construction.*

## Outdoor Fireplace Kits

Mason-Lite lightweight outdoor fireplace kits help you realize your dream of having an outdoor fireplace without major building infrastructure reinforcement.

- Standard fireplace sizes from 33" to 63", 43" see-through
- Custom sizes and shapes available
- Complete patio kits available
- Superior fit and finish
- Easy installation

## Wood Fired Pizza Oven

The perfect addition to your own outdoor kitchen, the Mason-Lite Pizza Oven is easy to install and use. You'll be cooking your own amazing pizzas from the privacy of your backyard in no time!

- Wood burning only
- Available in two easy to install sizes - 18" and 24" openings
- Firebrick base and panels included
- Optional wood storage and powder-coated steel door available

## Fire Ring

The Mason-Lite Fire Ring is an authentic masonry, 48" diameter gas fire pit ring, complete with an integral gas burner system.

- Available in finished and unfinished versions
- Stainless steel burner with electronic ignition (sold separately)
- Massive lava rock bed (included in burner system)
- Wood burning models available
- Tested and listed at 96,000 BTU's (UL and ULC)



Fire Ring



Wood Fired Pizza Oven



Fireplace





# Specifications



WOOD BURNING	FP33	MFP39	MFP44	MFP49	MFP63	MFPST43
Finished Opening Width	30"	36"	41"	46"	60"	40"
Finished Opening Height	22.5"	30.5"	30.5"	30.5"	30.5"	24.75"
Finished Opening Depth	21.5"	21.5"	21.5"	21.5"	21.5"	28"
Total Unit Height	54.5"	62.25"	62.25"	62.25"	70.25"	62.25"
Footprint	37" X 28"	43" x 28"	48" X 28"	53" X 28"	67" X 28"	53" X 28"
Weight	1091 Lbs.	1371 Lbs.	1529 Lbs.	1635 Lbs.	2055 Lbs.	1423 Lbs.
Flue Diameter- Class A	12" ID	12" ID	12" ID	14" ID	16" ID	16" ID

**Easy Installation** *No mess installation means lower costs and faster completion time.*



1. Installing base and first course



2. Starting the smoke chamber



3. Easy to build smoke dome



4. Finishing with the dome top



5. Finished Mason-Lite in under 2 hours





## B VENT

### MGFP39

### MGFP44

### MGFP49

### MGFPST43

Finished Opening Width	36"	41"	46"	40"
Finished Opening Height	30.5"	30.5"	30.5"	24.75"
Finished Opening Depth	21.5"	21.5"	21.5"	28"
Total Unit Height	62.25"	62.25"	62.25"	62.25"
Footprint	43" x 28"	48" X 28"	53" X 28"	53" X 28"
Included Burner Width	24"	24"	30"	30"
Included Burner BTU's (Natural Gas)	60,000	60,000	80,000	80,000
Included Burner BTU's (Propane)	60,000	60,000	80,000	80,000
Weight with Burner	1668 Lbs.	1826 Lbs.	1987 Lbs.	1726 Lbs.
Flue Diameter- B-Vent	10" ID	10" ID	10" ID	12" ID
Clearance to Combustibles	0"	0"	0"	0"



## VENT FREE

### MGFP39

### MGFP44

### MGFP49

### MGFPST43

Finished Opening Width	36"	41"	46"	40"
Finished Opening Height	30.5"	30.5"	30.5"	24.75"
Finished Opening Depth	21.5"	21.5"	21.5"	28"
Total Unit Height	46.75"	46.75"	46.75"	46.75"
Footprint	43" x 28"	48" X 28"	53" X 28"	53" X 28"
Weight	1268 Lbs.	1426 Lbs.	1537 Lbs.	1306 Lbs.
Clearance to Combustibles	0"	0"	0"	0"

\* Dimensions are nominal due to grout differences.

For additional information, please download the instruction manual at [www.mason-lite.com/architects](http://www.mason-lite.com/architects)



# Accessories

*To complete your indoor or outdoor installation, Mason-Lite offers a comprehensive line of optional accessories. From masonry accessories to our metal chimney to brick panels, we've got you covered.*

## Masonry Chimney

The masonry chimney is comprised of two pieces, 8" in height: an inner and outer liner that must be used together. We offer individual sections as well as 4' and 8' kits.



## Masonry Chimney Offset

Four inches in height, offsets can be used in installations where the chimney is not completely vertical. Support is required for every 5th offset.



## Masonry Brick Ledge, Crown & Cap

The brick ledge is designed to hold brick and stone facing for the chimney above the roof line. The cap & crown are used as a weather guard and finishing touch.



## Mason-Lite Rumford Height Kit

A Rumford look is still a popular choice for those who prefer a taller opening than wide. Consisting of a rear wall and 2 side walls, the height kit increases the opening by 8". When using this option, appropriate chimney size must be evaluated by a professional.



## Customizable Masonry Arch Kit

The masonry arch kit consists of 2 pieces that can easily be mortared in to give a custom look.



## Dampers

Dampers are required for indoor applications. Mason-Lite offers several damper options: metal anchor plate/damper for masonry chimney; cast iron damper (damper blocks included); anchor plate/damper for metal chimney.



## True Firebrick Panels & Individual Firebrick

Mason-Lite offers true firebrick panels for quick and easy installation. We also carry individual brick for those who prefer to finish the firebox interior with their own design.



## Metal Base

Our 6" and 8" bases are used for installations on combustible floors or second story applications.





## Outside Air Kit

Because homes are being built so tight, many jurisdictions are requiring additional outside air to make up for negative air pressure. For convenience, the kit comes pre-drilled for this application.



## Energex Exhausto Fan

Also designed to help with negative air pressure, exhaustos are used for the more challenging drafting issues such as see-throughs and short chimneys.



## Air-Cooled Duravent Metal Chimney

Mason-Lite is approved with any UL103 listed metal chimney. For your convenience, we have partnered with Duravent- available in kits or individual pieces.



## Mortar

Although high-temp mortar (50LB or 55LB bucket) is included with every Mason-Lite fireplace kit and chimney kit, we offer it separately for those projects that require just a little extra.



## Gas Logs

All our fireplace kits are approved for gas logs. We have partnered with R.H. Peterson for our B-Vent fireplaces. All B-Vent fireplaces come complete with realistic logs, a remote control and safety features.



## Crushed Glass and other Contemporary Media

Available in several colors and varieties, our beautiful glass and other media is a great alternative to gas logs.



## Linear Burner

In the continued spirit of partnership, we offer the Golden Blount Alpine Burner for a contemporary alternative to gas logs or burning wood. Spark-to-Pilot Valve (STP).



*To complete your project, Mason-Lite can assist you with after-market products including glass doors, screens and other fireplace accessories.*



# Have questions? We've got answers!

## *Is the fireplace safe to use?*

Yes, it has been tested to Underwriters Laboratories, UL 127 Standard for safety. The fireplace is listed by PFS testing agency, ICC, (International Code Council) and quality control standards are used in manufacturing.

## *Can I install the fireplace on a wood floor\*?*

Yes: please use the required metal base under unit sold by Mason-Lite or use structural concrete block.

\*Consult a structural engineer for all wood floor installations.

## *Do I have to install the outside air kit on the fireplace?*

Your local building code will determine if this is required in your area. The fireplace will work without the outside air kit, although it is more efficient to use outside air for combustion.

## *Do I need firebrick inside the firebox?*

Yes: Mason-Lite can supply firebrick panels for easy installation or a mason can lay firebrick inside the firebox.

## *What type of chimney do I use on this fireplace?*

The fireplace has been tested with both a masonry chimney, manufactured by Mason-Lite, or a UL 103-listed metal chimney. The different models can use different diameter metal chimney that will fit almost all installation needs. When installed, the maximum overall height of the Mason-Lite fireplace is 80 feet. The minimum installation height is 14 feet, given that the chimney is straight. If the chimney has an offset, the minimum installation height is 17 feet.

# MASON-LITE

by MFI • Masonry Fireplace Industries, LLC

6391 Jurupa Avenue, Riverside, CA 92504

Tel: 800.345.7078 • Fax: 951.588.8046 • Email: [info@Mason-Lite.com](mailto:info@Mason-Lite.com)

**[www.Mason-Lite.com](http://www.Mason-Lite.com)**

*Please visit us online for more information -*

- See more question & answers
- Obtain our Installation & Warranty information
- See more installation photos
- Find a partner in your area

*Materials, specifications and warranties subject to change.*

*Please check our website or contact us directly if you have any questions.*

*U.S. factory built & code compliant*

