

JEFFERSON SERIES VENT-FREE FIREBOXES



AMERICAN HEARTH



AMERICAN HEARTH – MADE IN AMERICA

We design every American Hearth fireplace using the best available technology and build each one to the highest-quality standards in our manufacturing facility in Belleville, Illinois.

We make most of our components – from cutting steel to forming to welding to painting – and then hand assemble each fireplace to ensure the best fit and finish. For purchased parts, we give preference to North American suppliers – including our hand-painted log sets, our tempered and ceramic glass, the paint and powder coating, and even the packaging we use to protect our products until they reach your home.

The result is a fireplace that's built to last by experienced craftsmen and craftswomen – a fireplace that's as deeply rooted in history as fire itself – American Hearth.

JEFFERSON DELUXE, PREMIUM, AND SELECT MODELS

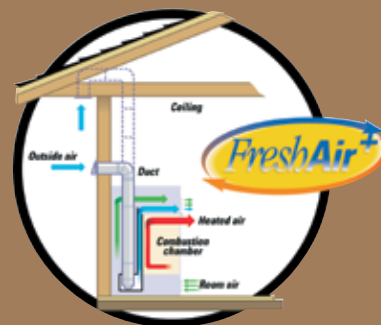
- Variety of Sizes and Configurations
- Decorative Accessories Tailor Look to Your Décor
- Louver and Flush Front Models in Matte Black
- Blowers available for Louver and Flush Front models
- Refractory, Ceramic Fiber, and Metal Liners (varies by model)
- Accepts Any Certified Vent-Free Burner and Log Set
- Zero Clearance Certified
- Made in the U.S.A.

The Jefferson Vent-Free Fireboxes offer a variety of sizes and configurations. Available in louvered and flush front, the Jefferson Deluxe and the deeper Premium models present the updated look of a traditional recirculating firebox.

Designed for installation in tight spaces, Jefferson **Deluxe** fireboxes measure just 16 1/2 inches deep for the 32-inch model and 19 for the 36- and 42-inch models, yet still allow installation of a blower. We offer an assortment of decorative arched doors, louvers, and frames for the Deluxe fireboxes – accessories normally reserved for a manufacturer's upscale models. Liners include four styles in ceramic fiber, one in refractory, or choose Stainless Steel or Black Reflective for a bold contemporary look (Deluxe only). Surround your fireplace with a traditional-style Cabinet or Corner mantel in one of five finishes, or choose stainable oak or hardwood.



*Jefferson Premium 32 Vent-Free
Louvered Firebox with Traditional Liner*



The optional FreshAir+ System, for Deluxe and Premium Fireboxes only, blends warmed air with incoming outside air to continuously freshen your indoor air.

For use with contemporary burners, we also offer stainless steel and reflective black liners to fit the Deluxe firebox, along with special contemporary mantels in modern matte black or matte white – in cabinet or corner models.

Jefferson **Premium** fireboxes add a little more overall depth – 20 7/16 inches – and a taller opening to showcase today's bigger log sets. Complete the Premium Firebox with one of four ceramic fiber liners, decorative accessories in three styles and four finishes, a blower – and even a lighting kit for use with a switch or dimmer control. Surround the installation with a traditional cabinet or corner mantel.

Our unique Jefferson **Select** vent-free gas firebox features a tall, deep stage for the log set, yet has compact outer dimensions and a low-profile top and bottom. The visual effect is a lot more fireplace with less of the firebox face showing.

The Jefferson Select has no lower louvers, allowing it to be installed at floor level, yet still provide the benefit of a recirculating firebox with optional blower.

The low floor height allows installation at or near floor level, for a natural, integrated look that creates the illusion of a site-built fireplace – at a fraction of the cost.

All our fireboxes feature hem-bent seams that provide a better seal while eliminating dozens of screws and fasteners. The result is a lighter, more rigid box that's easier to install.



Jefferson Deluxe 36 Vent-Free Flush Firebox with Refractory Liner



Jefferson Select 42 Vent-Free Firebox with Herringbone Liner

JEFFERSON VENT-FREE MULTISIDED MODELS

Our Jefferson Multisided fireboxes accept any properly sized, certified vent-free burner and log set, such as the 18-inch, 24-inch, or 30-inch Slope Glaze Vista Burner, with a Shiloh Ceramic fiber log set or a Raleigh refractory log set. The Jefferson comes with conventional louvers or in a flush face model that can be completely bricked or tiled into place, yet still allow use of the circulation blower. Jefferson Fireboxes include curtain-style screens, Banded Brick Liners, and refractory sills.



The Jefferson Premium 36-inch Peninsula Vent-Free Firebox is available in louver or flush-face (shown) and includes curtain screens. Shown with Slope Glaze Vista Burner and Raleigh refractory log set. Also available in See-Through models with two open sides.



Rugged looking refractory logs give the Raleigh Log Set a rustic look on a grand scale. (Opposite side view)



Just like a real wood fire, the Shiloh ceramic fiber Log Set provides a different look from every angle. The Slope Glaze Vista Built-in Burners conceal their controls behind a sliding panel.

OPTIONS & ACCESSORIES

A variety of easily installed decorative accessories for the Jefferson let you tailor your firebox to your décor.

Choose louvers in three patterns – slat, arched, and mission – finished in matte black or hammered pewter.

Matching door sets complete the transformation from an attractive fireplace to a stunning focal point.

LINERS

Our brick liners give your new firebox the look of a real masonry fireplace. Liner availability varies by firebox.

BLOWERS AND LIGHTING

The optional automatic blower circulates the warm air throughout the room, and the optional variable-speed control lets you adjust the fan speed.

An optional Accent Lighting Kit (LK3) for Premium and Select models creates dramatic shadows inside the firebox to provide visual interest, even when no fire is burning.

OUTER FRAMES AND BOTTOM TRIM

Our metal three-piece outer frames let you transition from your fireplace to any adjoining surface – wooden mantel, tile, stone, or any noncombustible material. Choose from steel frames – with traditional crisp lines – or our extruded aluminum frames – with a profile that combines gentle concaves with flat surfaces. Each is available in matte black or hammered pewter.

The available bottom trim completes the fourth side of the color frame.

Extruded Aluminum Frames



Matte Black
(On Cherry Mantel)



Hammered Pewter
(On Oak Mantel)

D = Deluxe, P = Premium, S = Select



Traditional Brick
Burnt umber bricks with light mortar in running bond courses
(Ceramic Fiber) **D,P**



Aged Brick
Brown bricks with charcoal mortar in running bond courses with smoked accents
(Ceramic Fiber) **D,P**



Banded Brick
Dark “creamed coffee” bricks with charcoal mortar in running bond courses, plus an accent band of diagonal bricks.
(Ceramic Fiber) **D,P,S**



Stacked Fieldstone
Stones of various depths and colors in a hand-laid pattern with dark charcoal mortar
(Ceramic Fiber) **D,P,S**



Herringbone Brick
Burnt umber bricks stacked in a herringbone pattern with light mortar
(Ceramic Fiber) **S**



Refractory Brick
Gray bricks and mortar cleanly stacked in close, running bond courses.
(Refractory Concrete, Factory Installed only) **D**



Black Reflective
Polished black metal panels reflect flames to create extra depth.
(Metal) **D**



Brushed Stainless
Stainless Steel panels reflect flames.
(Metal) **D**



Jefferson Multisided 36 Firebox with Polished Black Liner

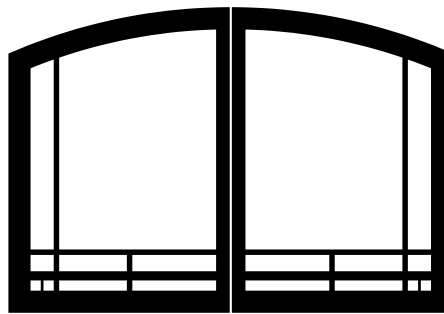


Jefferson Deluxe 36 Flush Firebox trimmed in Matte Black Outer Frame with Loft Series Vent-Free Burner, Reflective Black Decorative Top, and Polished Black Liner, in Black Contemporary Cabinet Mantel

DECORATIVE DOORS — include handles, screens, and hinges

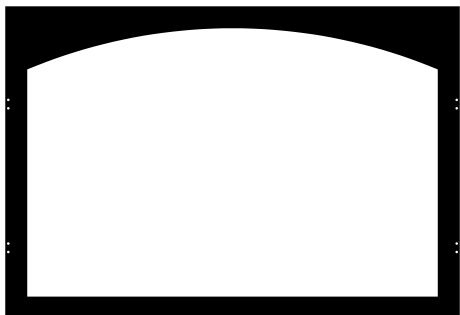


Decorative Door Plain Arch



Decorative Door Mission Arch

DECORATIVE FRAMES



Decorative Door Frame Arch

DECORATIVE LOUVERS



Decorative Louver Arch



Decorative Louver Mission

Jefferson Decorative Trim is available in Classic Matte Black or Rich Hammered Pewter.

LOG SETS AND BURNERS

The hand-painted ceramic fiber or refractory log sets complement the flames from any of our Vent-Free burners. At 99.9 percent efficient, our Vent-Free burners deliver more heat for your energy dollars.

Step up to a Remote-Ready Burner and select our battery operated Thermostat Remote Control. Our Thermostat Remote automatically cycles the burner on and off to maintain your ideal room temperature.

We offer burners with a variety of control and ignition systems – from manual valves with a standing pilot, to Millivolt valves with standing pilot to electronic valves with electronic ignition to eliminate the standing pilot. Millivolt and electronic systems work with our remotes and thermostats to add comfort and convenience.

See the American Hearth Vent-free Gas Log brochure for complete specifications.



Ceramic Fiber Liberty Log Set (LX-24LF) with Harmony Burner System with Expanded Ember Bed (VFXI-24)



Refractory Ravenwood Log Set (ALS-24RV) with Slope Glaze Burner System (VFSR-24)



Refractory Saratoga Log Set (ALS-24SG) with Slope Glaze Burner System (VFSR-24)



Refractory Ravenwood Select Log Set (ALS-24RVS) with Slope Glaze Burner System (VFSR-24)



Refractory Williamsburg Log Set (ALS-24CR2) with Slope Glaze Burner System (VFSR-24)



Refractory Revolution Log Set (LX-24VR) with Harmony Burner System (VFNR-24) and Decorative Cast Grate



*Refractory Charleston Log Set (ALS-24CR1)
with Slope Glaze Burner System (VFSR-24)*



*Refractory Charleston Select Log Set (ALS-24CR1S)
with Slope Glaze Burner System (VFSR-24)*



*Ceramic Fiber Trenton Log Set and
Contour Burner Combination (AVFDR-24LB)*



*Refractory Concord Log Set and
Contour Burner Combination (AVFDM-24LBW)*



*Refractory Yorktown Log Set (ALS-24YK)
with Slope Glaze Burner System (VFSR-24)*



*Loft Series Contemporary Burner (VFRL-24)
shown with Reflective Black Decorative Top (DT24-PB)*



*Kennesaw Log Set (HLS24R1) on HearthRite Burner (HVF24),
both Imported, available in 18-inch and 24-inch only.*



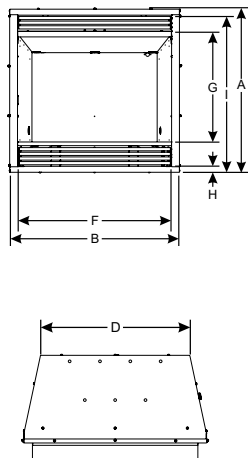
Jefferson Select Firebox shown with Banded Brick Liner, Williamsburg log set on a Slope Glaze Burner, Black Outer Frame, and Lighting Kit (available for Premium and Select Models only).

JEFFERSON FIREBOX SPECIFICATIONS

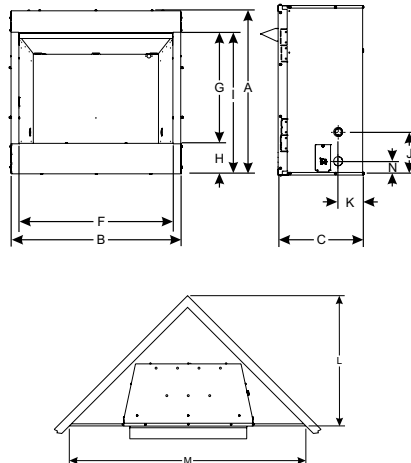
Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Louvered Models														
VFD32FB	33	35	16 1/2	27 7/8	–	31	22 1/4	1 3/16	28 3/8	8 5/16	4 3/4	35	60 1/16	2 11/16
VFD36FB	35	40	19	31 7/8	–	36	24 1/4	1 3/16	30 3/8	8 5/16	4 3/4	39 3/8	68 13/16	2 11/16
VFD42FB	35	44	19	35 7/8	–	40	24 1/4	1 3/16	30 3/8	8 5/16	4 3/4	41 3/8	72 13/16	2 11/16
VFP32FB	38 1/16	34 1/4	20 7/16	26 1/4	–	31	27 7/16	1 3/16	33 5/8	8 5/16	4 3/4	38 1/4	66 5/8	2 3/4
VFP36FB	38 1/16	39 1/4	20 7/16	31 1/4	–	36	27 7/16	1 3/16	33 5/8	8 5/16	4 3/4	40 3/4	71 5/8	2 3/4
VFP42FB	38 1/16	43 1/4	20 7/16	35 1/4	–	40	27 7/16	1 3/16	33 5/8	8 5/16	4 3/4	42 3/4	75 5/8	2 3/4
Flush Models														
VFD32FB	33	35	16 1/2	27 7/8	–	31	22 1/4	6 1/8	28 3/8	8 5/16	4 3/4	35	60 1/16	2 11/16
VFD36FB	35	40	19	31 7/8	–	36	24 1/4	6 1/8	30 3/8	8 5/16	4 3/4	39 3/8	68 13/16	2 11/16
VFD42FB	35	44	19	35 7/8	–	40	24 1/4	6 1/8	30 3/8	8 5/16	4 3/4	41 3/8	72 13/16	2 11/16
VFP32FB	38 1/16	34 1/4	20 7/16	26 1/4	–	31	27 1/2	6 1/8	33 5/8	8 5/16	4 3/4	38 1/4	66 5/8	2 3/4
VFP36FB	38 1/16	39 1/4	20 7/16	31 1/4	–	36	27 1/2	6 1/8	33 5/8	8 5/16	4 3/4	40 3/4	71 5/8	2 3/4
VFP42FB	38 1/16	43 1/4	20 7/16	35 1/4	–	40	27 1/2	6 1/8	33 5/8	8 5/16	4 3/4	42 3/4	75 5/8	2 3/4
VFS32FB	38 1/16	34 1/4	23 3/16	25 1/16	–	31	31 5/8	2	33 5/8	–	7 9/16	40 7/16	70 15/16	4 1/4
VFS36FB	38 1/16	39 1/4	23 3/16	30 1/16	–	36	31 5/8	2	33 5/8	–	7 9/16	42 15/16	75 15/16	4 1/4
VFS42FB	38 1/16	43 1/4	23 3/16	31 1/16	–	40	31 5/8	2	33 5/8	–	7 9/16	44 15/16	79 15/16	4 1/4

See Owner's Manual for complete Firebox specifications.

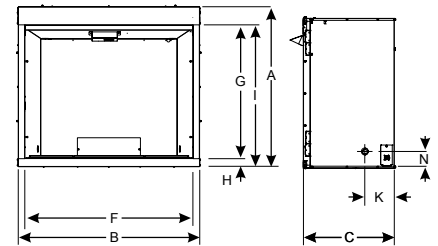
Louvered Fireboxes



Flush Fireboxes



Select Fireboxes



ON THE COVER: *Jefferson Deluxe 36 Flush Firebox trimmed in Matte Black Outer Frame with Ceramic Fiber Liberty Log Set and Stacked Fieldstone Liner in Nutmeg Standard Cabinet Mantel.*

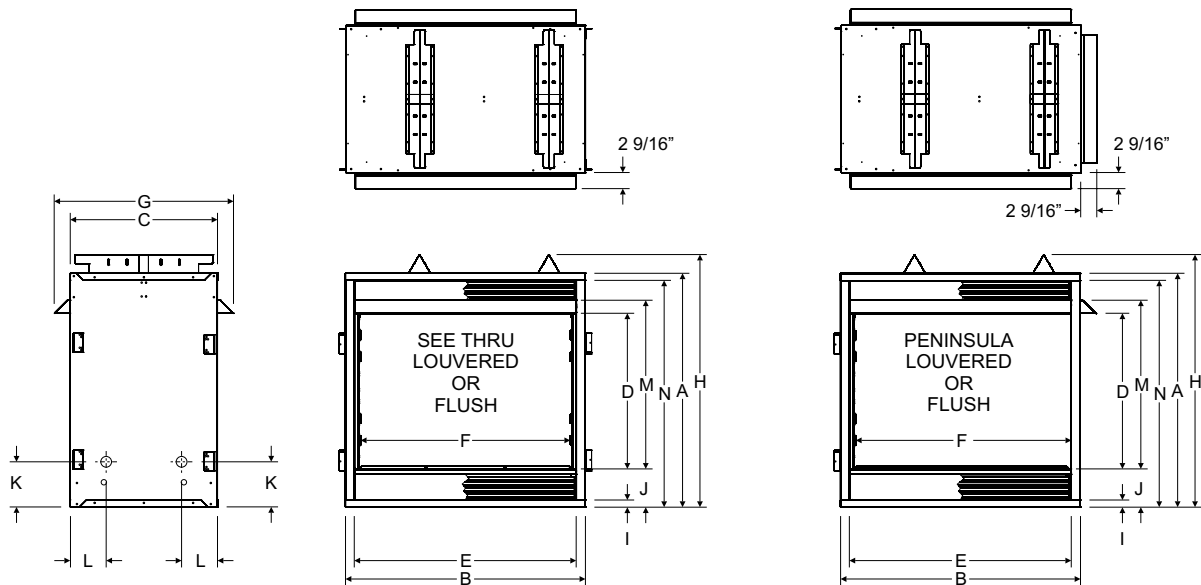
JEFFERSON MULTISIDED FIREBOX SPECIFICATIONS

Model	Jefferson Vent-Free Multisided or Peninsula Fire Box
VFP-36-PB2EF	Jefferson Premium VF 36 Peninsula Fire Box, Flush Face, Banded Brick Ceramic Fiber Liner
VFP-36-PB2EL	Jefferson Premium VF 36 Peninsula Fire Box, Louvered, Banded Brick Ceramic Fiber Liner
VFP-36-SB2EF	Jefferson Premium VF 36 See-Through Fire Box, Flush Face, Banded Brick Ceramic Fiber Liner
VFP-36-SB2EL	Jefferson Premium VF 36 See-Through Fire Box, Louvered, Banded Brick Ceramic Fiber Liner

JEFFERSON MULTISIDED FIREBOX DIMENSIONS

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Max Weight (lb)	Input Btu Nat Max/Min LP Max/Min
VFP-36-PB2EF	38 1/8	39	24	25 1/2	36	35 1/4	29 1/8	41 1/8	1 1/4	6 1/8	7 1/2	6	27 5/8	36 7/8	145	—
VFP-36-PB2EL	38 1/8	39	24	25 1/2	36	35 1/4	29 1/8	41 1/8	1 1/4	6 1/8	7 1/2	6	27 5/8	36 7/8	145	—
VFP-36-SB2EF	38 1/8	39	24	25 1/2	36	34 1/4	29 1/8	41 1/8	1 1/4	6 1/8	7 1/2	6	27 5/8	36 7/8	140	—
VFP-36-SB2EL	38 1/8	39	24	25 1/2	36	34 1/4	29 1/8	41 1/8	1 1/4	6 1/8	7 1/2	6	27 5/8	36 7/8	140	—

See Owner’s Manual for Multisided framing dimensions and Peninsula mantel specifications.



MULTISIDED LOFT SERIES BURNERS

The 24-inch Multi-sided Loft Burner (36,000 Btu) is ideal for Peninsula and See-Through fireboxes. Like other Loft burners, the Multi-sided system can be tailored to your living space with decorative tops (in Stainless Steel and Polished Black) or glass (in Clear Frost, Blue Clear, and Polished Black). Optional liners, in brushed stainless steel and reflective black, fit Empires 36-inch Peninsula and See-Through fireboxes.

Log Set Descriptions

Model	Log Set Description	Vista Burner	Ship Wt. (lb)	Model	Log Set Description	Vista Burner	Ship Wt. (lb)
Refractory				Ceramic Fiber			
LSU-18RR	Rock Creek, 9-Log	18	48	LSU-18SF	Stone River, 5-Log	18	6
LSU-24RR	Rock Creek, 11-Log	24	58	LSU-24SF	Stone River, 6-Log	24	9
LSU-30RR	Rock Creek, 11-Log	30	66	LSU-30SF	Stone River, 6-Log	30	10

Vented/Vent-Free Slope Glaze Vista Burners

Model	Description	Log Length (inches)	Btu Input	Non-Empire Minimum Firebox Dimensions				Ship Wt. (lb)
				Front Width (inches)	Rear Width (inches)	Depth (inches)	Height (inches)	
On/Off Millivolt, Standing Pilot								
VFSUR-18	Slope Glaze Vista Burner	18	36,000	22	22	17	17	34
VFSUR-24	Slope Glaze Vista Burner	24	38,000	28	28	17	18	43
VFSUR-30	Slope Glaze Vista Burner	30	40,000	32	32	17	18	49

Vented/Vent-Free Multi-sided Loft Series Burners

Model	Description	Btu Input	Fits Empire Fireboxes	Non-Empire Minimum Firebox Dimensions				Ship Wt. (lb)
				Front Width (inches)	Rear Width (inches)	Depth (inches)	Height (inches)	
On/Off Millivolt, Standing Pilot								
VFRU-24	Multi-Sided Loft Burner, 24-inch	36,000	VFP36(S,P)B	32	32	17 1/2	18	20
Intermittent Pilot, Includes Thermostat Variable Remote Control								
VFIU-24	Multi-Sided Loft Burner, 24-inch	36,000	VFP36(S,P)B	32	32	17 1/2	18	20

JEFFERSON FIREBOX FRAMING DIMENSIONS

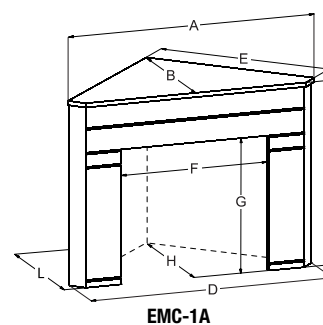
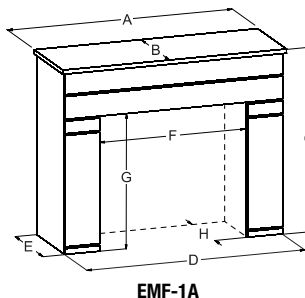
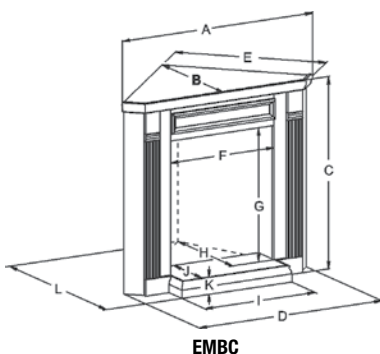
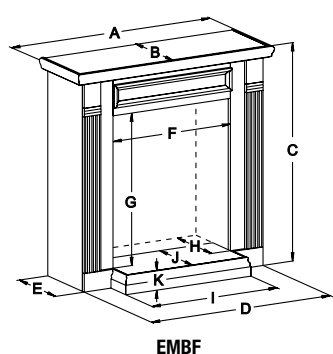
Model	Framing Height	Framing Width	Framing Depth	Warranty
VFD32FB	33 3/4	35 1/2	16 1/4	All Vent-Free products carry a five-year limited warranty with a five-year limited labor warranty. All remote controls carry a one-year limited warranty.
VFP32FB	38 7/8	35 3/8	20 9/16	
VFS32FB	38 7/8	35 3/8	23 3/8	
VFD36FB	35 3/4	40 1/2	18 3/4	
VFP36FB	38 7/8	40 3/8	20 9/16	
VFS36FB	38 7/8	40 3/8	23 3/8	
VFD42FB	35 3/4	44 1/2	18 3/4	
VFP42FB	38 7/8	44 3/8	20 9/16	
VFS42FB	38 7/8	44 3/8	23 3/8	

See Owner's Manual for Multisided framing dimensions.

JEFFERSON MANTEL SPECIFICATIONS

Model	A Top Width	B Top Depth	C Height	D Cabinet Width	E Cabinet Depth	F Opening Width	G Opening Height	H Inside Depth	I Base Width	J Base Depth	K Base Height	L Corner Depth	Fits
EMBF-1S	56 3/4	22 1/4	51 3/8	49	19 1/8	34 1/2	33 3/4	18 1/2	38 1/2	22 1/2	3 1/4	–	Deluxe 32
EMBF-3S	62 3/4	25 3/4	53 3/8	55	22 5/8	40 1/2	35 3/4	22	44 1/2	22 1/2	3 1/4	–	Deluxe 36
EMBF-4S	66 3/4	25 3/4	53 3/8	59	22 5/8	44 1/2	35 3/4	22	48 1/2	22 1/2	3 1/4	–	Deluxe 42
EMF-1A-32	54 5/8	19 3/8	46 3/4	54	19	35	33 1/2	19	–	–	–	–	Deluxe 32
EMF-1A-36	59 5/8	20 3/4	48 3/4	59	20 1/2	40	35 1/2	20 1/2	–	–	–	–	Deluxe 36
EMBC-1S	63	37 1/4	51 3/8	57 3/4	44 1/2	34 1/2	33 3/4	33 1/2	38 1/2	20 3/4	3 1/4	40	Deluxe 32
EMBC-3S	69	40 1/4	53 3/8	63 3/4	48 3/4	40 1/2	35 3/4	36 1/2	44 1/2	20 3/4	3 1/4	43	Deluxe 36
EMBC-4S	73	42 1/4	53 3/8	67 3/4	51 5/8	44 1/2	35 3/4	38 1/2	48 1/2	20 3/4	3 1/4	45	Deluxe 42
EMC-1A-32	61 1/2	34 3/8	46 3/4	61	43 1/2	35	33 1/2	34	–	–	–	–	Deluxe 32
EMC-1A-36	66 1/2	36 7/8	48 3/4	66	47	40	35 1/2	36 1/2	–	–	–	–	Deluxe 36

Standard Mantels available in cherry, dark oak, oak, nutmeg, white, unfinished hardwood, and unfinished oak.
Contemporary Mantel available in Black or White. See Owner's Manual for Peninsula mantel specifications.



Vent-Free appliances may be installed in an aftermarket (mobile) home where not prohibited by state or local codes. The approval (G1-0504-90B) has been granted subject to the installation in compliance with CMR 248, 527 CMR 30, Massachusetts State Plumbing Code and/or the Massachusetts Fuel Gas Code.

Member of the following industry associations:

This appliance is design-certified to the ANSI standard by:



SINCE 1932

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Belleville, IL 62220-2623
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Empire is committed to continuous product improvement; specifications are subject to change without notice. Dimensions in this brochure are approximate; read and follow the framing dimensions in the owners manual supplied with your Empire product. Flame size, shape, and color will vary from photos. Our mantels feature natural veneers and hand-rubbed finishes – wood grain and color will vary. Adjust light levels and use "natural light" incandescent bulbs to enhance the dramatic look for your wooden mantel.

AH-00828 3/11/16