



## Gas Log Sets

Vented/Vent-Free Burners  
Vented Burners

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White Mountain Hearth Ceramic Fiber Morgan Creek Log Set  
(LS-24MC) with Slope Glaze Burner (VFSR-24)



White Mountain Hearth - The Pinnacle of Efficiency

# White Mountain Hearth



White Mountain Hearth Charred Oak Log Set (LS-24C2) on a Vent-Free Slope Glaze Burner with variable remote control system (VFSV-24). Shown with a 36-inch Breckenridge Deluxe Vent-Free Firebox with Brick Liner (VFD36FB) trimmed in black louvers, black hood, and shown with optional black frame, black door frame and black arch doors (DVF-36BL, VFY-36-SBL, and VFR-36-SCBL). The Cherry Finish on the Standard 36-inch Corner Cabinet Mantel (EMC-36-C) adds drama and warmth to any setting.

Empire Comfort Systems created the White Mountain Hearth collection to give you more options in a gas log set. With several distinct log looks, in sizes from 16 to 30 inches, this special collection helps you tailor your hearth's look to top off any room décor. Choose from our traditional lines – Charred Oak (our most popular log), Sassafras, Birch, Aged Oak or Morgan Creek.

Our Super Log Sets boast bigger logs and more of them - choose Super Charred Oak, Super Sassafras or Ponderosa.

Our Flint Hill and Whiskey River Ceramic Fiber log and burner combinations provide exceptional realism at a competitive price. Our Rock Creek and Stone River Multi-Sided Log Sets look great from any angle, making them ideal for see-through, island, and peninsula fireplaces.

## Beyond Real

From the curve of each log to the height of the stack, your White Mountain Hearth Log Set is crafted to complement the burner pattern and produce a lifelike fire. Flames dance and swirl to captivate your imagination and warm your soul. Complete the illusion with one of our optional Ember Bed Kits and Platinum Glowing Embers.

Unlike a wood fire, your White Mountain Hearth Vent-Free logs create a consistent, controlled heat – without dangerous flare-ups or chilling die-downs. Our Vent-Free gas logs warm your room quickly and efficiently, while using about half the energy of a traditional vented gas log.

## Toss the Matches, Grab the Remote Control

Take charge of your new Vent-Free variable log set with White Mountain Hearth's standard, two-button remote control. Adjust the flame height from a low glow to a roaring fire, or any comfort level in between.

Our Millivolt log set models offer the option of using a wall thermostat, a remote control, or our combination thermostat/remote.

Even our manually controlled log sets offer three heat levels, so you can keep the cold winds at bay without overheating the room.



Ceramic Fiber Charred Oak Log Set (LS-24C2)  
with Slope Glaze Burner System (VFSR-24)



Ceramic Fiber Super Charred Oak Log Set (LS-24C2S Shown) with Slope Glaze Burner System (VFSR-24)



Refractory Super Sassafras Log Set (LS-24RSS) with Slope Glaze Burner System (VFSR-24)



Refractory Sassafras Log Set (LS-24RS) with Slope Glaze Burner System (VFSR-24)

## **Proven Technology, Artfully Applied**

For people who have grown tired of hauling in logs, hauling out ash, and living with uneven heating, White Mountain Hearth logs are the perfect replacement in a traditional fireplace. White Mountain Hearth Vented/Vent-Free burners do not require a flue. Originally designed for use in vent-free fireplaces, these burners work equally well in traditional flue-vented applications. They can be ordered for use with Natural Gas or LP.



Refractory Ponderosa Log Set (LS-24P) with Vented Slope Glaze Burner System (VSR-24)

## Slope Glaze Burner System

All White Mountain Hearth Log Sets fit the Slope Glaze Burners manufactured by Empire Comfort Systems. Special Ceramic Bead materials within the precisely ported burner swirl the flowing gas to produce naturally flickering flames. Glowing embers, included with the burner, add to the illusion of a real wood fire.

Vent-Free Burners come in LP and Natural Gas, in 18-inch, 24-inch, and 30-inch. A special 16-inch burner fits the 16-inch Charred Oak Log Set.

Our Vent-Free Burners are available with a Variable Remote, Millivolt controls, or manual controls. All come with piezo ignition and standing pilot.

The Variable Remote turns the burner off and on, and lets you vary the flame height to maintain a comfortable room temperature.

Millivolt systems work with our wall thermostats and our remote controls. Manual-control burners operate with a 3-position knob.

All Vent-Free Burners include an Oxygen Depletion Sensor (ODS) to instantly shut off the system if oxygen in the room drops to unsafe levels. Empire Comfort Systems also manufactures Vented Burners (without ODS) for use only with an open damper flue. Vented Burners are available in 18-inch, 24-inch, and 30-inch with Millivolt or manual controls.

Vented Burners do not include ODS and operate at higher Btu input (40,000 to 75,000). They must be operated in a vented fireplace with open damper. Vented Burners are available in 18-inch, 24-inch, and 30-inch. Vented Burners are designed to produce large flames for greater visual appeal, but because most of their heat travels up the flue and out of the home, they are considered decorative appliances and may not be operated with a thermostat control system. Empire Vented Burners operate with manual or Millivolt controls only.

## History and Art Come Together

Empire Comfort Systems has manufactured safe, reliable heating systems for more than 75 years. We take pride in our reputation for quality products, backed by the best sales, service, and distribution network in this industry.

White Mountain Hearth log sets combine our proven technologies with exceptional artistry and craftsmanship to add beauty and warmth to any home.



Refractory Aged Oak Log Set (LS-24RAO)  
with Slope Glaze Burner System (VFSR-24)



Ceramic Fiber Birch Log Set (LS-24B2)  
with Slope Glaze Burner System (VFSR-24)



Ceramic Fiber Morgan Creek Log Set (LS-24MC) with Slope Glaze Burner System (VFSR-24)

## Log Sets (Require Slope Glaze Burner)

Model	Log Set Description	Required Burner Size	Fits Breckenridge Firebox	Ship W/t. (lb)
<b>Ceramic Fiber</b>				
LS-16C	Charred Oak, 4-log	16	VFD32FB/VFP32FB/VFS32FB	7
LS-18C2	Charred Oak, 4-log	18	VFD32FB/VFP32FB/VFS32FB	9
LS-24C2	Charred Oak, 4-log	24	VFD32FB/VFP32FB/VFS32FB	11
LS-30C2	Charred Oak, 4-log	30	VFD36FB/VFP36FB/VFS36FB	12
LS-18C2S	Super Charred Oak, 6-log	18	VFD32FB/VFP32FB/VFS32FB	11
LS-24C2S	Super Charred Oak, 6-log	24	VFD36FB/VFP36FB/VFS36FB	13
LS-30C2S	Super Charred Oak, 6-log	30	VFD42FB/VFP42FB/VFS42FB	14
LS-18B2	Birch, 4-log	18	VFD32FB/VFP32FB/VFS32FB	9
LS-24B2	Birch, 4-log	24	VFD36FB/VFP36FB/VFS36FB	11
LS-30B2	Birch, 4-log	30	VFD42FB/VFP42FB/VFS42FB	12
LS-18MC	Morgan Creek, 6-log	18	VFD32FB/VFP32FB/VFS32FB	11
LS-24MC	Morgan Creek, 6-log	24	VFD36FB/VFP36FB/VFS36FB	13
LS-30MC	Morgan Creek, 6-log	30	VFD42FB/VFP42FB/VFS42FB	14
<b>Refractory</b>				
LS-18P	Ponderosa, 13-log	18	VFD32FB/VFP32FB/VFS32FB	55
LS-24P	Ponderosa, 13-log	24	VFD36FB/VFP36FB/VFS36FB	60
LS-30P	Ponderosa, 13-log	30	VFD42FB/VFP42FB/VFS42FB	66
LS-18RS	Sassafras, 6-log	18	VFD32FB/VFP32FB/VFS32FB	40
LS-24RS	Sassafras, 6-log	24	VFD36FB/VFP36FB/VFS36FB	48
LS-30RS	Sassafras, 6-log	30	VFD42FB/VFP42FB/VFS42FB	63
LS-18RSS	Super Sassafras, 7-log	18	VFD32FB/VFP32FB/VFS32FB	55
LS-24RSS	Super Sassafras, 7-log	24	VFD36FB/VFP36FB/VFS36FB	59
LS-30RSS	Super Sassafras, 7-log	30	VFD42FB/VFP42FB/VFS42FB	69
LS-18ROA	Aged Oak, 7-log	18	VFD32FB/VFP32FB/VFS32FB	36
LS-24ROA	Aged Oak, 7-log	24	VFD36FB/VFP36FB/VFS36FB	44
LS-30ROA	Aged Oak, 7-log	30	VFD42FB/VFP42FB/VFS42FB	61

## Vented Slope Glaze Burners (for use with open flue only)

Model	Description	Log Length (inches)	Btu Input	Minimum Firebox Dimensions				Ship Wt. (lb)
				Front Width (inches)	Rear Width (inches)	Depth (inches)	Height (inches)	
<b>Manual, Standing Pilot/Match Light</b>								
VSM-18	Slope Glaze Vented Burner	18	40,000/65,000	32	21	15	22	26
VSM-24	Slope Glaze Vented Burner	24	50,000/75,000	34	27	15	22	30
VSM-30	Slope Glaze Vented Burner	30	60,000/75,000	38	30	15	22	33
<b>On/Off Millivolt, Standing Pilot/Match Light</b>								
VSR-18	Slope Glaze Vented Burner	18	40,000/65,000	28	17	15	22	25
VSR-24	Slope Glaze Vented Burner	24	50,000/75,000	30	23	15	22	29
VSR-30	Slope Glaze Vented Burner	30	60,000/75,000	34	26	15	22	32

## Vented/Vent-Free Slope Glaze 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)	
<b>Manual, Standing Pilot/Piezo</b>								
VFSM-18	Slope Glaze Burner	18	32,000	32	21	14	17	25
VFSM-24	Slope Glaze Burner	24	36,000	34	27	14	18	29
VFSM-30	Slope Glaze Burner	30	38,000	38	30	14	20	32
<b>On/Off Millivolt, Standing Pilot</b>								
VFSR-16	Slope Glaze Burner	16	25,000	24	18	11 1/2	18	18
VFSR-18	Slope Glaze Burner	18	32,000	28	17	14	17	25
VFSR-24	Slope Glaze Burner	24	36,000	30	23	14	18	29
VFSR-30	Slope Glaze Burner	30	38,000	34	26	14	20	32
<b>Variable Remote, Standing Pilot/Piezo</b>								
VFSV-16	Slope Glaze Burner	16	25,000	24	18	11 1/2	18	18
VFSV-18	Slope Glaze Burner	18	32,000	28	17	14	17	25
VFSV-24	Slope Glaze Burner	24	36,000	30	23	14	18	29
VFSV-30	Slope Glaze Burner	30	38,000	34	26	14	20	32

# Flint Hill & Whiskey River Log/Burner Combo Set



Ceramic Fiber Flint Hill Log Set and Burner Combination (VFDR-24)

## Flint Hill Log Set

The Flint Hill Log Set features richly detailed, hand-painted Ceramic Fiber logs mounted atop our Vent-Free Contour Burner. This complete set includes glowing embers to add to the illusion of a real wood fire at any heat setting.

This competitively priced log/burner combo requires a minimum firebox depth of just 12 inches, making Flint Hill the ideal log set for existing fireplaces and fireboxes, and for new construction. Available in manual control, thermostat control, or remote-ready Millivolt – in 28,000 Btu, 34,000 Btu and even 40,000 Btu – your Flint Hill Log and Burner Set delivers room-warming performance.

## Whiskey River Log Set

The Whiskey River Log set features the same burner and ember package as the Flint Hill, but with Refractory logs.

This log set/burner combo features ultra-realistic, chunky logs with loads of hand painted detail. The Whiskey River set delivers rich warmth and bold looks to complement any style, with the same versatility and control options as the Flint Hill Log/Burner combo set.

The Flint Hill and Whiskey River also offered in 10,000 Btu models for bedroom applications, where allowed by code.



Refractory Whiskey River Log Set and burner combination (VFDR-18-LBW)

Model	Log Set Description	Btu Input	Ship Wt. (lb)	Fits Breckenridge Model	Minimum Firebox Dimensions			
					Front Width (inches)	Rear Width (inches)	Depth (inches)	Height (inches)
VFDR-18LB10	Flint Hill, 5-log	10,000	20	VFD32FB/FP32/VFS32FB	28	17	12	17
VFDR-18LB	Flint Hill, 5-log	28,000	20	VFD32FB/FP32/VFS32FB	28	17	12	17
VFDR-24LB	Flint Hill, 5-log	34,000	22	VFD32FB/FP32/VFS32FB	30	23	12	18
VFDR-30LB	Flint Hill, 7-log	40,000	25	VFD36FB/FP36/VFS36FB	34	26	12	18
VFDR-18LBW10	Whiskey River, 6-log	10,000	38	VFD32FB/FP32/VFS32FB	28	17	12	18
VFDR-18LBW	Whiskey River, 6-log	28,000	38	VFD32FB/FP32/VFS32FB	28	17	12	18
VFDR-24LBW	Whiskey River, 6-log	34,000	42	VFD32FB/FP32/VFS32FB	30	18	12	18
VFDR-30LBW	Whiskey River, 6-log	40,000	48	VFD36FB/FP36/VFS36FB	34	20	12	18



White Mountain Hearth Stone River Log Set (LSU-24SF) on a Vent-Free Slope Glaze Vista Burner. Shown in a peninsula firebox with custom tile surround. The optional Large Log Embers Kit (EK-2) and Platinum Glowing Embers (PE20) add that extra spark of realism.

## Stone River and Rock Creek Multi-Sided Log Sets

Designed for see-through, island and peninsula fireplaces, our multi-sided log sets are available in 18-, 24-, and 30-inch sizes to provide a fuller look.

The Vented/Vent-Free Slope Glaze Vista Burner looks great from any angle. With its expansive ember bed and lazy flickering flames, the Vista helps complete the scene for your Rock Creek or Stone River log set. The Millivolt system lets you add a thermostat, remote control, or thermostat remote control for the ultimate in convenience. Installed as a vent-free system, the Vista delivers 99.9 percent efficiency.



Just like a real wood fire, the Stone River Ceramic Fiber Log Set provides a different look from every angle. The Slope Glaze Vista Burner neatly conceals its controls behind a sliding panel.



End View



Opposite Side View

## Stone River and Rock Creek Multi-Sided Log Sets

The Ceramic Fiber Stone River set includes 5 stocky logs – hand-painted, of course – arranged for a slightly lower profile, compared to the Rock Creek.

The Rock Creek set features richly detailed and hand-painted Refractory logs – and lots of them – artfully stacked to complement the Slope Glaze Vista Burner. With bark, split-wood, and sawn ends showing, the exquisitely detailed Rock Creek set provides visual interest aflame or at rest.



Rugged looking Refractory logs give the Rock Creek Log Set a rustic look on a grand scale.



Opposite Side View



End View

### Log Set Descriptions

Model	Log Set Description	Burner	Ship Wt. (lb)	Model	Log Set Description	Burner	Ship Wt. (lb)
Refractory				Ceramic Fiber			
LSU-18RR	Rock Creek, 9-Log	18	51	LSU-18SF	Stone River, 5-Log	18	10
LSU-24RR	Rock Creek, 11-Log	24	58	LSU-24SF	Stone River, 5-Log	24	12
LSU-30RR	Rock Creek, 11-Log	30	69	LSU-30SF	Stone River, 5-Log	30	15

### Vented/Vent-Free Slope Glaze Vista Burner

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)	
Millivolt, Remote Ready								
VFSUR-18	Slope Glaze Vista Burner	18	36,000	22	22	17	17	24
VFSUR-24	Slope Glaze Vista Burner	24	38,000	28	28	17	18	29
VFSUR-30	Slope Glaze Vista Burner	30	40,000	32	32	17	18	34

Log Set Accessories

Model	Description	Ship Wt.
EK-1	Embers Kit	4
EK-2	Large Log Embers Kit	8
ELH-1	Adjustable Fireplace Hood (28-inch to 48-inch) Black	7
ELH-2	Adjustable Fireplace Hood (28-inch to 48-inch) Polished Brass	7
PE20	Platinum Glowing Embers (1 set)	1
PE20-12	Platinum Glowing Embers (Box of 12)	1



EK-1 Traditional Ember Bed Kit includes six burnt log pieces, white ash, and lava rock

Control Accessories for "R" and "VFDR" models only

Model	Description	Ship Wt.
FRBC	Battery Operated Remote Control	1
FRBTC	Battery Operated Remote Control w/Thermostat	1
FREC	Electric Remote Control	1
FWS-1	Wall Switch	1
TMV	Wall Thermostat, Millivolt - Reed Switch	2
TRW	Wireless Remote Wall Thermostat	2



EK-2 Large Log Ember Kit includes seven large burnt log pieces and white ash



24-Inch Sassafras Log Set (LS-24RS) on Vent Free Slope Glaze Vista Burner with LR-24 Log Riser in Vent Free Select Firebox.

**Log Riser**

The Log Riser brings extra height and bulk to any White Mountain Hearth log set by raising the set and the burner up a full two inches above the firebox floor. This added height gives the log set and firebox a more substantial appearance without having to purchase an entirely new log set.

The Log Riser installs easily into the floor of any Vent-Free firebox and is available for all sizes of Slope Glaze Burners.

Gas Inlet		Gas Inlet
Type of Gas (State on Order)	Natural or LP	All parts carry a 5-year limited warranty with a 5-year limited labor warranty. Note: Empire has a policy of constantly improving quality and performance of its appliances; therefore, materials and specifications are subject to change without notice.
Iron Pipe Size (N.P.T.)	3/8-inch	
Ignition System	Standing Pilot/Piezo	
Safety Controls		Installation and Safety
Pilot equipped with automatic shut-off and Oxygen Depletion Sensor on Vent-Free Burners		Refer to your Owner's Manual for complete installation and safety information.

Member of the following industry associations:



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



Empire Comfort Systems is committed to continuous product improvement; specifications are subject to change without notice. Flame size, shape, and color will vary from photos. Log Sets shown with Platinum Glowing Embers (PE20) and Ember Bed Kit (EK-1).

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