



Vent-Free Gas Log Sets

White Mountain Hearth Refractory Ponderosa Log Set (LS-24P)
shown with Vent-Free Slope Glaze Burner System (VFSR-24)



Slope Glaze Burners and Matching Log Sets

Our popular Slope Glaze Burners contain ceramic beads which tumble the gas to create exceptionally realistic flame movement. We offer ceramic fiber, traditional refractory concrete, and Burncrete® logs. Each log is hand-painted to bring out the rich detail.

Our Vent-Free Burners are approved for use in any certified vent-free firebox. They may be also installed in an existing wood-burning fireplace, with the damper closed, to operate as a vent-free heating system. For applications where you want the ambiance of a fire without the heat, our Millivolt and manual burners are also certified for installation as decorative vented log sets.

- 16, 18, 24 and 30-inch Vent-Free Burners – up to 38,000 Btu
- Millivolt (VFSR), Manual (VFSM), Intermittent Pilot (VFSE), and Variable Flame (VFSV) models
- Choose from Refractory, Ceramic Fiber, and Burncrete® Log Sets



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



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



Ponderosa Refractory Log Set (LS-24P)
with Vent-Free Slope Glaze Burner System (VFSR-24)



Stacked Wildwood Refractory Log Set (LS24WRR) with
Vent-Free Slope Glaze Burner System (VFSR-24)

Slope Glaze Burners and Logs



Birch Burncrete® Log Set (LS-18CB) with Vent-Free Slope Glaze Burner System (VFSR-18)



Super Birch Burncrete® Log Set (LS-24CBS) with Vent-Free Slope Glaze Burner System (VFSR-24)



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



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



Super Stacked Wildwood Refractory Log Set (LS24WRS) with Vent-Free Slope Glaze Burner System (VFSR-24)



Driftwood Burncrete® Log Set (LS-24CD) with Vent-Free Slope Glaze Burner System (VFSR-24)

Slope Glaze Burners and Logs



Stacked Aged Oak Refractory Log Set (LS-24SRAO) with Vent-Free Slope Glaze Burner System (VFSR-24)



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



Fallen Timber Log Set (LS-24CT) with Vent-Free Slope Glaze Burner System (VFSR-24)

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)	
Manual, Standing Pilot/Piezo								
VFSM-18	Slope Glaze Burner	18	32,000	32	21	14	17	22
VFSM-24	Slope Glaze Burner	24	36,000	34	27	14	18	25
VFSM-30	Slope Glaze Burner	30	38,000	38	30	14	20	32
On/Off Millivolt, Standing Pilot								
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	24
VFSR-24	Slope Glaze Burner	24	36,000	30	23	14	18	27
VFSR-30	Slope Glaze Burner	30	38,000	34	26	14	20	30
Variable Flame, Includes Variable Remote, Standing Pilot/Piezo								
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	24
VFSV-24	Slope Glaze Burner	24	36,000	30	23	14	18	27
VFSV-30	Slope Glaze Burner	30	38,000	34	26	14	20	30
Intermittent Pilot, Includes Thermostat Variable Remote								
VFSE-18	Slope Glaze Burner	18	32,000	28	17	14	17	25
VFSE-24	Slope Glaze Burner	24	36,000	30	23	14	18	28
VFSE-30	Slope Glaze Burner	30	38,000	34	26	14	20	31

Slope Glaze Burners and Logs

Log Sets (Require Slope Glaze Burner)

Model	Log Set Description	Required Burner Size	Fits Empire Firebox
Ceramic Fiber			
LS-18B2	Birch, 4-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24B2	Birch, 4-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30B2	Birch, 4-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-16C	Charred Oak, 4-piece	16	VFD32FB, VFP32FB, VFS32FB
LS-18C2	Charred Oak, 4-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24C2	Charred Oak, 4-piece	24	VFD32FB, VFP32FB, VFS32FB
LS-30C2	Charred Oak, 4-piece	30	VFD36FB, VFP36FB, VFS36FB
LS-18C2S	Super Charred Oak, 6-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24C2S	Super Charred Oak, 6-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30C2S	Super Charred Oak, 6-piece	30	VFD42FB, VFP42FB, VFS42FB
Refractory			
LS-18SRAO	Stacked Aged Oak, 7-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24SRAO	Stacked Aged Oak, 7-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30SRAO	Stacked Aged Oak, 7-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18RS	Sassafras, 6-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24RS	Sassafras, 6-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30RS	Sassafras, 6-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18RSS	Super Sassafras, 7-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24RSS	Super Sassafras, 7-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30RSS	Super Sassafras, 7-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18P	Ponderosa, 13-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24P	Ponderosa, 13-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30P	Ponderosa, 13-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18WRR	Stacked Wildwood, 5-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24WRR	Stacked Wildwood, 5-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30WRR	Stacked Wildwood, 5-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18WRS	Super Stacked Wildwood, 7-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24WRS	Super Stacked Wildwood, 7-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30WRS	Super Stacked Wildwood, 7-piece	30	VFD42FB, VFP42FB, VFS42FB
Burncrete®			
LS-18CD	Driftwood, 8-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24CD	Driftwood, 10-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30CD	Driftwood, 10-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18CB	Birch, 6-piece	18	VFD42FB, VFP42FB, VFS42FB
LS-24CB	Birch, 6-piece	24	VFD42FB, VFP42FB, VFS42FB
LS-30CB	Birch, 6-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18CBS	Birch, 7-piece	18	VFD42FB, VFP42FB, VFS42FB
LS-24CBS	Birch, 7-piece	24	VFD42FB, VFP42FB, VFS42FB
LS-30CBS	Birch, 7-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18CT	Fallen Timber 8-piece	18	VFD42FB, VFP42FB, VFS42FB
LS-24CT	Fallen Timber 8-piece	24	VFD42FB, VFP42FB, VFS42FB
LS-30CT	Fallen Timber 8-piece	30	VFD42FB, VFP42FB, VFS42FB

Vent-Free Contour Log Set/Burner Systems

These systems combine the burner and log set into one package. Because they require a minimum of just 12 inches firebox depth, these compact systems fit easily into most fireplaces.

- 18, 24 and 30-inch Vent-Free Burners – up to 40,000 Btu
- Millivolt (VFDR), Manual (VFDM), and Thermostat (VFDT) models
- Special 10,000 Btu Millivolt model for bedroom applications (where allowed by code)
- Choose Whiskey River Refractory or Flint Hill Ceramic Fiber model

Flint Hill Log Set

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

This competitively priced log/burner is ideal for existing fireplaces and fireboxes and for new construction.



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

Whiskey River Log Set

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

The Whiskey River set delivers rich warmth and bold looks to complement any style.

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



Whiskey River Refractory Log Set and Vent-Free Burner Combination (VFDR-18-LBW)

Vent-Free Contour Burner & Log Set Combinations

Model	Log Set Description	Btu Input	Fits Empire Model	Minimum Firebox Dimensions			
				Front Width (inches)	Rear Width (inches)	Depth (inches)	Height (inches)
VFDR-18LB10	Flint Hill, 5-piece	10,000	VFD32FB, VFP32, VFS32FB	28	17	12	17
VFD(M,R,T)-18LB	Flint Hill, 5-piece	28,000	VFD32FB, VFP32, VFS32FB	28	17	12	17
VFD(M,R,T)-24LB	Flint Hill, 5-piece	34,000	VFD32FB, VFP32, VFS32FB	30	23	12	18
VFD(M,R,T)-30LB	Flint Hill, 7-piece	40,000	VFD36FB, VFP36, VFS36FB	34	26	12	20
VFDR-18LBW10	Whiskey River, 7-piece	10,000	VFD32FB, VFP32, VFS32FB	28	17	12	17
VFD(M,R,T)-18LBW	Whiskey River, 7-piece	28,000	VFD32FB, VFP32, VFS32FB	28	17	12	17
VFD(M,R,T)-24LBW	Whiskey River, 7-piece	34,000	VFD32FB, VFP32, VFS32FB	30	23	12	18
VFD(M,R,T)-30LBW	Whiskey River, 7-piece	40,000	VFD36FB, VFP36, VFS36FB	34	26	12	20

Control Accessories

Model	Description Note: Thermostats may not be used in vented applications	Ship Wt.
FRBC	Battery Operated Remote Control – On/Off	1
FRBTC2	Battery Operated Remote Control w/ Thermostat (not for vented applications)	1
FREC	Electric Remote Control – On/Off	1
FRBTP2	Programmable Remote Control, Battery Operated (not for vented applications)	2
FWS-1	Wall Switch – On/Off	1
TMV	Wall Thermostat, Millivolt - Reed Switch (not for vented applications)	2
TRW	Wireless Remote Wall Thermostat (not for vented applications)	2
Model	Non-Thermostat Remotes Replaces thermostat remote transmitter when installing a vent-free IP burner in a vented application.	Ship Wt.
FRIP	Battery Operated Non-Thermostat Remote Control Transmitter (Fits VFIL, VFNI, VFSE Burners)	1
FRIPXV	Battery Operated Non-Thermostat Remote Control Transmitter (Fits VFXV Burners)	1

Log Set Accessories

Model	Description	Ship Wt.
ADV110-6V	Adapter 110 AC to 6 Volt DC (fits VFSE Burners)	2
DCG-24-BL	Decorative Cast Grate, 24-inch, Black (Slope only)	10
EK-1	Ember Kit	4
EK-2	Large Log Ember Kit	8
ELH-1	Adjustable Fireplace Hood (28-inch to 48-inch) Black	5
PE20	Platinum Glowing Embers (1 set)	1
PE20-12	Platinum Glowing Embers (Box of 12)	2
LR-18	Riser, 2-inch, for Slope Glaze Burner, 18-inch	5
LR-24	Riser, 2-inch, for Slope Glaze Burner, 24-inch	6
LR-30	Riser, 2-inch, for Slope Glaze Burner, 30-inch	6

Gas Inlet	
Type of Gas	Natural or LP
Iron Pipe Size (N.P.T.)	3/8-inch
Ignition System	Standing Pilot/Piezo and Intermittent Pilot
Warranty	
All vented parts carry a three-year limited warranty.	
All vent-free parts carry a five-year limited warranty with a 5-year limited labor warranty.	
All remote controls carry a one-year limited parts warranty	
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.	



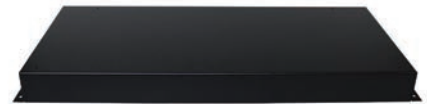
EK-1 Traditional Ember Bed Kit includes six burnt log pieces, white ash, and lava rock.



EK-2 Large Ember Kit available for Multi-sided log sets or large fireplaces.



Decorative Cast Grates (DCG-24-BL)



Log Riser (LR-24)



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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. Log Sets shown with Platinum Glowing Embers (PE20) and Ember Bed Kit (EK-1).