

Gas Log Sets | Vent-Free Burners



AMERICAN HEARTH





## 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 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 and Burncrete® Log Sets**



*Ravenwood Refractory Log Set (ALS-24RV) with Vent-Free Slope Glaze Burner System (VFSE-24)*



*Ravenwood Select Refractory Log Set (ALS-24RVS) with Vent-Free Slope Glaze Burner System (VFSE-24)*



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



*Stacked Wildwood Refractory Log Set (LS24WRR) 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)*



*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)*



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



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



# Slope Glaze Burners and Logs



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



*Refractory Yorktown Log Set (ALS-24YK) with Vent-Free Slope Glaze Burner System (VFSE-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)	
Vent-Free Manual, Standing Pilot/Piezo								
<b>VFSM-18</b>	Slope Glaze Burner	18	32,000	32	21	14	17	22
<b>VFSM-24</b>	Slope Glaze Burner	24	36,000	34	27	14	18	25
<b>VFSM-30</b>	Slope Glaze Burner	30	38,000	38	30	14	20	32
Vent-Free On/Off Millivolt, Standing Pilot								
<b>VFSR-16</b>	Slope Glaze Burner	16	25,000	24	18	11 1/2	18	18
<b>VFSR-18</b>	Slope Glaze Burner	18	32,000	28	17	14	17	24
<b>VFSR-24</b>	Slope Glaze Burner	24	36,000	30	23	14	18	27
<b>VFSR-30</b>	Slope Glaze Burner	30	38,000	34	26	14	20	30
Vent-Free Variable Flame, Includes Variable Remote, Standing Pilot/Piezo								
<b>VFSV-16</b>	Slope Glaze Burner	16	25,000	24	18	11 1/2	18	18
<b>VFSV-18</b>	Slope Glaze Burner	18	32,000	28	17	14	17	24
<b>VFSV-24</b>	Slope Glaze Burner	24	36,000	30	23	14	18	27
<b>VFSV-30</b>	Slope Glaze Burner	30	38,000	34	26	14	20	30
Vent-Free Intermittent Pilot, Includes Thermostat Variable Remote								
<b>VFSE-18</b>	Slope Glaze Burner	18	32,000	28	17	14	17	25
<b>VFSE-24</b>	Slope Glaze Burner	24	36,000	30	23	14	18	28
<b>VFSE-30</b>	Slope Glaze Burner	30	38,000	34	26	14	20	31

## Log Sets (Require Slope Glaze Burner)

Model	Log Set Description	Required Burner Size	Fits Empire Firebox
Refractory			
ALS-16-CR1	Charleston, 6-piece	16	VFD32FB, VFP32FB, VFS32FB
ALS-18-CR1	Charleston, 6-piece	18	VFD32FB, VFP32FB, VFS32FB
ALS-24-CR1	Charleston, 6-piece	24	VFD36FB, VFP36FB, VFS36FB
ALS-30-CR1	Charleston, 6-piece	30	VFD42FB, VFP42FB, VFS42FB
ALS-18-CR1S	Charleston Select, 8-piece	18	VFD32FB, VFP32FB, VFS32FB
ALS-24-CR1S	Charleston Select, 9-piece	24	VFD36FB, VFP36FB, VFS36FB
ALS-30-CR1S	Charleston Select, 9-piece	30	VFD42FB, VFP42FB, VFS42FB
ALS-18-CR2	Williamsburg, 13-piece	18	VFD32FB, VFP32FB, VFS32FB
ALS-24-CR2	Williamsburg, 13-piece	24	VFD36FB, VFP36FB, VFS36FB
ALS-30-CR2	Williamsburg, 13-piece	30	VFD42FB, VFP42FB, VFS42FB
ALS-18-RV	Ravenwood Log Set, 8-piece	18	VFD32FB, VFP32FB, VFS32FB
ALS-24-RV	Ravenwood Log Set, 8-piece	24	VFD36FB, VFP36FB, VFS36FB
ALS-30-RV	Ravenwood Log Set, 8-piece	30	VFD42FB, VFP42FB, VFS42FB
ALS-24-RVS	Ravenwood Select Log Set, 9-piece	24	VFD36FB, VFP36FB, VFS36FB
ALS-30-RVS	Ravenwood Select Log Set, 9-piece	30	VFD42FB, VFP42FB, VFS42FB
ALS-18-SG	Saratoga, 10-piece	18	VFD32FB, VFP32FB, VFS32FB
ALS-24-SG	Saratoga, 10-piece	24	VFD36FB, VFP36FB, VFS36FB
ALS-30-SG	Saratoga, 10-piece	30	VFD42FB, VFP42FB, VFS42FB
ALS-18-YK	Yorktown, 5-piece	18	VFD32FB, VFP32FB, VFS32FB
ALS-24-YK	Yorktown, 6-piece	24	VFD36FB, VFP36FB, VFS36FB
ALS-30-YK	Yorktown, 6-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	VFD32FB, VFP32FB, VFS32FB
LS-24CB	Birch, 6-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30CB	Birch, 6-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18CBS	Super Birch, 7-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24CBS	Super Birch, 7-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30CBS	Super Birch, 7-piece	30	VFD42FB, VFP42FB, VFS42FB
LS-18CT	Fallen Timber 8-piece	18	VFD32FB, VFP32FB, VFS32FB
LS-24CT	Fallen Timber 8-piece	24	VFD36FB, VFP36FB, VFS36FB
LS-30CT	Fallen Timber 8-piece	30	VFD42FB, VFP42FB, VFS42FB

## Contour Log Set/Burner Systems

These systems combine the burner and log set into one package. With a precision-ported tube-style burner, they provide great looks at an exceptional value. Because they require a minimum firebox depth of just 12 inches, these compact systems fit easily into most fireplaces.

- **Choose Concord Refractory or Trenton Ceramic Fiber model**
- **18, 24 and 30-inch Vented/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)**

### Trenton Log Set

The Trenton 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 set is ideal 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 40,000 Btu.



*Trenton Ceramic Fiber Log Set and Vent-Free Burner Combination (VFDR-24LB)*



## Concord Log Set

The Concord Log set features the Contour Burner with ultra-realistic, refractory logs with loads of hand-painted detail. The Concord set delivers rich warmth and bold looks to complement any style, with the same versatility and control options as the Trenton.

The Trenton and Concord are also offered in 10,000 Btu models for bedroom applications, where allowed by code.



*Concord Refractory Log Set and Vent-Free Burner combination (VFDR-18-LBW)*

### Log Set Descriptions

Model	Log Set Description	Fits Burner	Ship Wt. (lb)	Model	Log Set Description	Fits Burner
Refractory				Ceramic Fiber		
LSU-18RR	Raleigh, 9-Piece	18	48	LSU-18SF	Shiloh, 5-Piece	18
LSU-24RR	Raleigh, 11-Piece	24	58	LSU-24SF	Shiloh, 6-Piece	24
LSU-30RR	Raleigh, 11-Piece	30	69	LSU-30SF	Shiloh, 6-Piece	30

### Vent-Free Slope Glaze Vista Burner

Model	Description	Log Length (inches)	Btu Input	Non-Empire Minimum Firebox Dimensions			
				Front Width (inches)	Rear Width (inches)	Depth (inches)	Height (inches)
Millivolt, Remote Ready							
VFSUR-18	Slope Glaze Vista Burner, MV	18	36,000	22	22	17	17
VFSUR-24	Slope Glaze Vista Burner, MV	24	38,000	28	28	17	18
VFSUR-30	Slope Glaze Vista Burner, MV	30	40,000	32	32	17	18
VFSUE-18	Slope Glaze Vista Burner, IP	18	36,000	22	22	17	17
VFSUE-24	Slope Glaze Vista Burner, IP	24	38,000	28	28	17	18
VFSUE-30	Slope Glaze Vista Burner, IP	30	40,000	32	32	17	18

## 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
FRBTPS	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	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 five-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.	



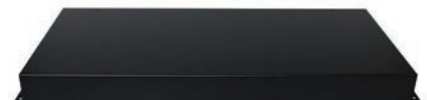
*EK-1 Traditional Ember Bed Kit includes six burnt log pieces, white ash, and lava rock.*



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



*Decorative Cast Grates (DCG-24-BL)*



*Log Riser (LR-24)*

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).



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