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-18CD) with Vent-Free Slope Glaze Burner System (VFSR-18)

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

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

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

Refractory Yorktown Log Set
(ALS-24YK) with Vent-Free
Slope Glaze Burner System
(VFSE-24)

Log Sets (Require Slope Glaze Burner)

Model	Log Set Description	Required Burner Size	Fits Empire Firebox	Ship Wt. (lb)
Refractory				
ALS-16-CR1	Charleston, 6-piece	16	VFD32FB, VFP32FB, VFS32FB	20
ALS-18-CR1	Charleston, 6-piece	18	VFD32FB, VFP32FB, VFS32FB	24
ALS-24-CR1	Charleston, 6-piece	24	VFD36FB, VFP36FB, VFS36FB	28
ALS-30-CR1	Charleston, 6-piece	30	VFD42FB, VFP42FB, VFS42FB	32
ALS-18-CR1S	Charleston Select, 8-piece	18	VFD32FB, VFP32FB, VFS32FB	55
ALS-24-CR1S	Charleston Select, 9-piece	24	VFD36FB, VFP36FB, VFS36FB	59
ALS-30-CR1S	Charleston Select, 9-piece	30	VFD42FB, VFP42FB, VFS42FB	69
ALS-18-CR2	Williamsburg, 13-piece	18	VFD32FB, VFP32FB, VFS32FB	55
ALS-24-CR2	Williamsburg, 13-piece	24	VFD36FB, VFP36FB, VFS36FB	60
ALS-30-CR2	Williamsburg, 13-piece	30	VFD42FB, VFP42FB, VFS42FB	66
ALS-18-RV	Ravenwood Log Set, 8-piece	18	VFD32FB, VFP32FB, VFS32FB	37
ALS-24-RV	Ravenwood Log Set, 8-piece	24	VFD36FB, VFP36FB, VFS36FB	40
ALS-30-RV	Ravenwood Log Set, 8-piece	30	VFD42FB, VFP42FB, VFS42FB	50
ALS-24-RVS	Ravenwood Select Log Set, 9-piece	24	VFD36FB, VFP36FB, VFS36FB	56
ALS-30-RVS	Ravenwood Select Log Set, 9-piece	30	VFD42FB, VFP42FB, VFS42FB	66
ALS-18-SG	Saratoga, 10-piece	18	VFD32FB, VFP32FB, VFS32FB	41
ALS-24-SG	Saratoga, 10-piece	24	VFD36FB, VFP36FB, VFS36FB	47
ALS-30-SG	Saratoga, 10-piece	30	VFD42FB, VFP42FB, VFS42FB	55
ALS-18-YK	Yorktown, 5-piece	18	VFD32FB, VFP32FB, VFS32FB	42
ALS-24-YK	Yorktown, 6-piece	24	VFD36FB, VFP36FB, VFS36FB	47
ALS-30-YK	Yorktown, 6-piece	30	VFD42FB, VFP42FB, VFS42FB	56
LS-18WRR	Stacked Wildwood, 5-piece	18	VFD32FB, VFP32FB, VFS32FB	35
LS-24WRR	Stacked Wildwood, 5-piece	24	VFD36FB, VFP36FB, VFS36FB	42
LS-30WRR	Stacked Wildwood, 5-piece	30	VFD42FB, VFP42FB, VFS42FB	51
LS-18WRS	Super Stacked Wildwood, 7-piece	18	VFD32FB, VFP32FB, VFS32FB	39
LS-24WRS	Super Stacked Wildwood, 7-piece	24	VFD36FB, VFP36FB, VFS36FB	52
LS-30WRS	Super Stacked Wildwood, 7-piece	30	VFD42FB, VFP42FB, VFS42FB	57
Burncrete®				
LS-18CD	Driftwood, 8-piece	18	VFD32FB, VFP32FB, VFS32FB	27
LS-24CD	Driftwood, 10-piece	24	VFD36FB, VFP36FB, VFS36FB	33
LS-30CD	Driftwood, 10-piece	30	VFD42FB, VFP42FB, VFS42FB	39

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								
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
Vent-Free 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
Vent-Free 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
Vent-Free 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

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)

Vent-Free Contour Burner & Log Set Combinations

| Model | Log Set Description | Btu Input | Fits Empire Firebox | Minimum Firebox Dimensions | | | | Ship Wt. (lb) |
				Front Width (inches)	Rear Width (inches)	Depth (inches)	Height (inches)	
VFDR-18LB10	Trenton, 5-piece	10,000	VFD32FB, VFP32, VFS32FB	28	17	12	17	21
VFDR-18LB	Trenton, 5-piece	28,000	VFD32FB, VFP32, VFS32FB	28	17	12	17	21
VFDR-24LB	Trenton, 5-piece	34,000	VFD32FB, VFP32, VFS32FB	30	23	12	18	22
VFDR-30LB	Trenton, 7-piece	40,000	VFD36FB, VFP36, VFS36FB	34	26	12	20	27
VFDR-18LBW10	Concord, 7-piece	10,000	VFD32FB, VFP32, VFS32FB	28	17	12	17	48
VFDR-18LBW	Concord, 7-piece	28,000	VFD32FB, VFP32, VFS32FB	28	17	12	17	48
VFDR-24LBW	Concord, 7-piece	34,000	VFD32FB, VFP32, VFS32FB	30	23	12	18	54
VFDR-30LBW	Concord, 7-piece	40,000	VFD36FB, VFP36, VFS36FB	34	26	12	20	67

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

MULTI-SIDED SLOPE GLAZE BURNERS AND MATCHING LOG SETS

Designed to fit see-through and peninsula fireboxes, our Vent-Free Slope Glaze Vista Burners provide a great view from any angle. Ceramic beads inside the burner tumble the gas to create exceptionally realistic flame movement.

- **Choose from Raleigh Refractory or Shiloh Ceramic Fiber Log Sets**
- **18, 24 and 30-inch Vent-Free Vista Burners – up to 40,000 Btu**
- **Choose Millivolt or Intermittent Pilot**
- **Millivolt models include an on/off switch but will operate with Empire remote controls**

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

*Opposite Side View (above)
and End View (below)*

*Opposite Side View (above)
and End View (below)*

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

Log Set Descriptions

Model	Log Set Description	Fits Burner	Ship Wt. (lb)	Model	Log Set Description	Fits Burner	Ship Wt. (lb)
Refractory				Ceramic Fiber			
LSU-18RR	Raleigh, 9-Piece	18	48	LSU-18SF	Shiloh, 5-Piece	18	6
LSU-24RR	Raleigh, 11-Piece	24	58	LSU-24SF	Shiloh, 6-Piece	24	9
LSU-30RR	Raleigh, 11-Piece	30	69	LSU-30SF	Shiloh, 6-Piece	30	10

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, MV	18	36,000	22	22	17	17	34
VFSUR-24	Slope Glaze Vista Burner, MV	24	38,000	28	28	17	18	43
VFSUR-30	Slope Glaze Vista Burner, MV	30	40,000	32	32	17	18	49
VFSUE-18	Slope Glaze Vista Burner, IP	18	36,000	22	22	17	17	34
VFSUE-24	Slope Glaze Vista Burner, IP	24	38,000	28	28	17	18	43
VFSUE-30	Slope Glaze Vista Burner, IP	30	40,000	32	32	17	18	49

Loft Burner Systems

Loft Burners deliver a contemporary look with an artistic flair – by itself or accessorized to suit the room. Choose decorative tops and firebox liners, in reflective black or brushed stainless steel, and crushed glass in black polished, blue clear, and clear frost.

- **18, 24 and 30-inch Vent-Free Burners – up to 40,000 Btu**
- **Millivolt models include an on/off switch but will operate with Empire remote controls and thermostats**
- **Intermittent Pilot models include a variable flame height thermostat remote control with 30 percent turndown (for vent-free installation only)**
- **Special 10,000 Btu Millivolt model for bedroom applications (where allowed by code)**

A vent-free Millivolt Loft Burner may also be installed as a decorative appliance in a vented fireplace to provide ambiance and light – but without the heat. In a vented installation, the burner cannot be operated by thermostat and the flue damper must be blocked open. A damper clamp is included with each Millivolt Loft burner. Because IP Loft Burners include a thermostat and may not be installed as decorative appliances, a non-thermostat remote is available.
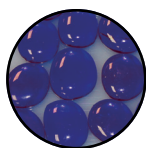

Loft Series Burner (VFRL-24) with Stainless Steel Decorative Top (DT-24-SS). Shown in existing masonry firebox.
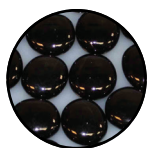
Loft Burner Decorative Accessories

Top Row left to right: No Decorative Options, Polished Black Decorative Top, Brushed Stainless Steel Decorative Top.
Bottom Row left to right: Blue Clear Decorative Glass, Medium Decorative Rocks and Accent Pebbles, Polished Black Decorative Glass.
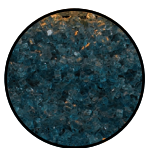*(Clear Frost Decorative Glass shown on opposite page)*
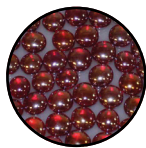
DECORATIVE MEDIA

*Topaz Clear Drops
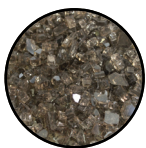One-inch*

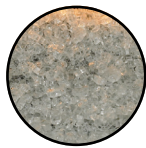*Onyx Solid Drops
One-inch*

Blue Clear Crushed
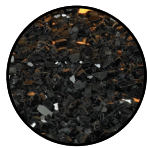
*Sangria Luster Droplets
1/2-inch*

*Glacier Ice Droplets
1/2-inch*

Bronze Reflective Crushed

Clear Frost Crushed

Black Polished Crushed

Copper Reflective Crushed

Medium Rocks

Accent Pebbles

*Loft Series Vent-Free Multi-sided burner (VFRU-24) with
Clear Frost Decorative Glass (DG-30-CLF). Shown in a Vent-Free
peninsula firebox with Flush Louvers.*

Vent-Free 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								
VFRL-18-10	Loft Burner, 18-inch	10,000	VF(D,P,S)32	28	21	13	17	13
VFRL-18	Loft Burner, 18-inch	26,000	VF(D,P,S)32	28	21	13	17	13
VFRL-24	Loft Burner, 24-inch	36,000	VF(D,P,S)36	34	27	13	18	15
VFRL-30	Loft Burner, 30-inch	40,000	VF(D,P,S)42	40	33	13	20	18
Intermittent Pilot, Includes Thermostat Variable Remote Control								
VFIL-18	Loft Burner, 18-inch	26,000	VF(D,P,S)32	28	21	13	17	14
VFIL-24	Loft Burner, 24-inch	36,000	VF(D,P,S)36	34	27	13	18	16
VFIL-30	Loft Burner, 30-inch	40,000	VF(D,P,S)42	40	33	13	20	18

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	21
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

Decorative Accessories for Loft Series Burners

Burner Size	Polished Black Decorative Top	Brushed SS Decorative Top	Black Polished Decorative Glass	Blue Clear Decorative Glass	Clear Frost Decorative Glass	Medium Sized Decorative Rocks	Accent Pebbles
Standard Loft Burners							
18-inch	DT-18-PB	DT-18-SS	DG-1-BKP	DG-1-BUC	DG-1-CLF	DR-1-FMA	DRFPA
24-inch	DT-24-PB	DT-24-SS	DG-1-BKP	DG-1-BUC	DG-1-CLF	DR-1-FMA	DRFPA
30-inch	DT-30-PB	DT-30-SS	DG-1-BKP	DG-1-BUC	DG-1-CLF	DR-1-FMA	DRFPA
Multi-Sided Loft Burners							
24-inch	DT-24-PB	DT-24-SS	DG-1-BKP	DG-1-BUC	DG-1-CLF	DR-1-FMA	DRFPA

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.
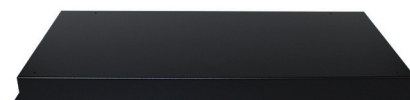Refer to your Owner's Manual for complete installation and safety information.

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).

americanhearth.com