

Vent-Free

BURNERS & LOGSETS

Empire
SINCE • 1932

SLOPE GLAZE



SLOPE GLAZE BURNERS

Empire Hearth vent-free burners offer exceptional installation flexibility, making them an ideal choice for a wide range of fireplace applications. Approved for use in all certified vent-free fireboxes, they can also be installed in many existing wood-burning fireplaces with the damper closed to provide efficient, dependable warmth.

For settings where the beauty of the fire takes center stage, our slope-glaze burner technology is engineered to create dynamic, dancing flames that bring warmth and movement to any space. By guiding the fuel across a precision-designed sloped surface, slope-glaze technology enhances flame lift and flow—producing lively, natural-looking fire that captivates and elevates the atmosphere.



FALLEN TIMBER
LS-24CT



PONDEROSA REFRACTORY
LS-24P



SASSAFRAS REFRACTORY
LS-24RS



SUPER SASSAFRAS REFRACTORY
LS-24RSS



MATCHING LOGSETS

Our popular log sets are crafted for exceptional realism and visual depth. Each log is hand-painted to highlight rich

texture, natural color variation, and fine detail—creating an authentic, wood-burning appearance.

Choose from ceramic fiber, traditional refractory concrete, or Burncrete log styles, all designed to deliver lasting beauty and a truly lifelike fireplace presentation.

BIRCH BURNCRETE®
LS24CB



SUPER BIRCH BURNCRETE®
LS-24CBS



STACKED WILDWOOD
LS24WRR



SUPER STACKED WILDWOOD
LS24WRS



TIMELESS WARMTH
SINCE 1932

Backed by more than 90 years of manufacturing excellence, Empire Hearth stands for proven quality, reliability, and trust.



LS-24CD
DRIFTWOOD BURNCRETE



CHARRED OAK
LS-24C2



SUPER CHARRED OAK
LS-24C2S



BIRCH CERAMIC
LS-24B2



STACKED AGED OAK
LS-24SRAO



SUPER SASSAFRAS REFRACTORY
LS-24RSS

FIREBOX PAIRING

Empire Hearth Vent-Free Log Sets are the perfect complement to the Breckenridge Firebox Series, delivering efficient warmth and timeless style. For full details, features, and specifications, please refer to the Empire Hearth Vent-Free Breckenridge brochure.

CONTOUR

VENT-FREE CONTOUR LOG SET/BURNER SYSTEMS

These all-in-one fireplace systems combine the burner and log set into a single, streamlined package for easy installation and dependable performance. Designed with a compact profile, they require as little as 12 inches of firebox depth, making them a great fit for a wide range of existing fireplaces.

Available in 18", 24", and 30" sizes, these vent-free systems deliver cozy, efficient warmth with options to match your comfort preferences—including manual, thermostat, and millivolt controls. Select models are also available for bedroom installations, where permitted by local code, offering flexible warmth throughout your home.



FLINT HILL BURNER
FLINT HILL CERAMIC VFDR-24-LB



WHISKEY RIVER BURNER
WHISKEY RIVER VFDR-18-LBW

ACCESSORIES



EK-1 TRADITIONAL EMBER BED KIT INCLUDES SIX BURNT LOG PIECES, WHITE ASH, AND LAVA ROCK



EK-2 LARGE EMBER KIT FOR MULTI-SIDED LOG SETS OR LARGE FIREPLACES



DCG-24-BL DECORATIVE CAST GRATE
LR-24 LOG RISER

WALL REMOTES, SWITCHES, AND THERMOSTATS

Advanced remote options can automatically maintain a comfortable room temperature, eliminating the need for constant adjustments.

HANDHELD REMOTES

Turn the fireplace on or off from across the room—no bending, kneeling, or adjusting controls by hand.

INCLUDED
WITH VFSV BURNERS



BATTERY REMOTE, ON/OFF, VARIABLE FLAME CONTROL, STANDING PILOT UNITS

INCLUDED
INCLUDED WITH VFSE BURNERS



BATTERY REMOTE, FOR ELECTRONIC IGNITIONS, THERMOSTATIC, ON/OFF, VARIABLE FLAME CONTROL



BATTERY REMOTE, FOR MILLIVOLT, DIRECT IGNITION OR IP



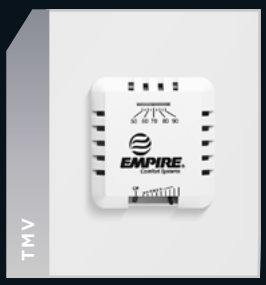
BATTERY REMOTE, FOR MILLIVOLT OR IP



BATTERY REMOTE, THERMOSTAT, FOR MILLIVOLT OR IP



ON/OFF WALL SWITCH, FOR MILLIVOLT, DIRECT IGNITION



WIRED WALL THERMOSTAT, FOR MILLIVOLT



PROGRAMMABLE BATTERY WALL THERMOSTAT, FOR MILLIVOLT OR IP



DIGITAL BATTERY WALL THERMOSTAT, WIRELESS FOR MILLIVOLT



PROGRAMMABLE BATTERY WALL THERMOSTAT, FOR MILLIVOLT OR IP

Specifications

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
VFDM18	CONTOUR BURNER	18	10,000/28,000	32	21	14	17	22
VFDM24	CONTOUR BURNER	24	34,000	34	27	14	18	25
VFDM30	CONTOUR BURNER	30	40,000	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
VFDR18	CONTOUR BURNER	18	32,000	28	17	14	17	24
VFDR24	CONTOUR BURNER	24	36,000	30	23	14	18	27
VFDR30	CONTOUR 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
THERMOSTATIC STANDING PILOT								
VFDT18	CONTOUR BURNER	18	32,000	28	17	14	17	24
VFDT24	CONTOUR BURNER	24	36,000	30	23	14	18	27
VFDT30	CONTOUR BURNER	30	38,000	34	26	14	20	30

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.

EMPIRE | **WARRANTY**

For the Latest warranty information on this product line please scan the QR code or simply visit empirehearth.com/warranty

EMPIRE COMFORT SYSTEMS SINCE 1932

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