

Linear Burner System Indoor

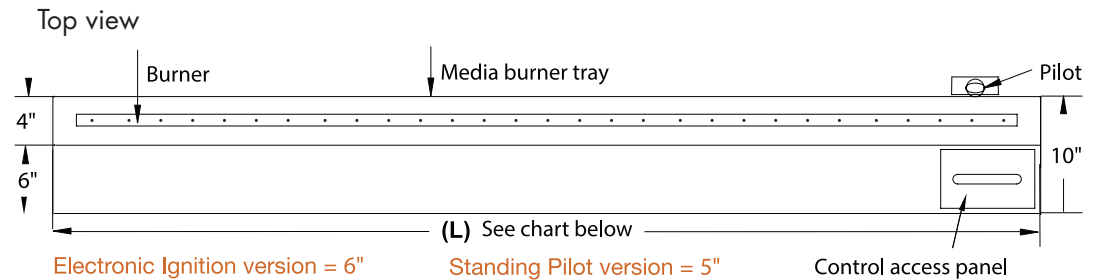
Model No.	LBS 24 36 48 60 72 84 96
Exterior Dimension	Standing pilot 2' - 8' W x 5" H x 10" D Electronic ignition 2' - 8' W x 6" H x 10" D
Gas type*	Natural or propane
On/off	Remote control
Venting options	Masonry or class A flue vertical through the roof
Sustained operating gas pressure parameters:	Natural gas 5.5" - 10.5" w.c. LP/propane 11.0" - 13.0" w.c.
Electrical	110 V. Electronic Ignition N/A for standing pilot
Accessory equipment	Recommended mechanized flue fan and mechanical damper Ener vex.com
Burner appearance	Linear burner in lengths from 2' to 8' in 1' increments. Burner tube is submerged into bed of broken tempered glass.
Open air fire	Any glass doors must be open while in operation.
Media options	Tempered glass around the burner and approved colored glass or Lava stone as a topcoat. Comes with Ebonyglass, Iceglass or Lavastone are also available.
Fireplace configuration	Retrofit into an approved wood-burning fireplace. Appliance may be installed as a 1, 2, 3 or 4 sided fireplace with appropriate fireplace chimney.
Cooling Air Supply To Base Of Unit	12 sq. inches of fresh air per linear foot of burner with 1/2" air gap around entire assembly
Certifications	Omni-Test Laboratories ANSI Z21.60B-2004 CSA 2.26B-2004

*Must be specified at time of ordering.

Note: Not to be used in bedrooms or bathrooms

This is a high throughput gas appliance and critical attention is needed to size the gas pipes properly.

SPARK Modern Fires wants to help you achieve your fireplace vision. We will review your planned installation of the LBS. Please provide plan view and section drawings electronically, along with a rendering of the finishing details, and we will help you plan it properly.



Model Number	Overall Length (L)	Unit Height	Fireplace Width Min.	Input Rate BTU/hr		Number Orifice	Orifice Size	
				N.G.	L.P.		N.G. (L.P.)	N.G.
LBS24	24"	6" (5")*	28"	41,000	33,500	2 (1)	44	49
LBS36	36"	6" (5")*	40"	61,000	54,000	3 (1)	44	43
LBS48	48"	6" (5")*	52"	82,000	72,000	4 (1)	43	38
LBS60	60"	6" (5")*	64"	102,000	90,000	5 (2)	43	46
LBS72	72"	6" (5")*	76"	116,000	110,000	6 (2)	43	43
LBS84	84"	6" (5")*	88"	129,000	128,000	7 (2)	43	41
LBS96	96"	6" (5")*	100"	142,000	146,500	8 (2)	43	38

Minimum fireplace depth required = 14" Minimum fireplace height required = 18" * standing pilot version

CRITICAL NOTES FOR PROPER AND SAFE INSTALLATION OF THE LINEAR BURNER SYSTEMS

Minimum ventilation air requirements and details of how to properly provide this air to the underside of these burners: **If using room air:** a minimum requirement of 12 square inches of air per linear foot of burner and a 1/2" gap around the perimeter of the burner including the pilot. **If using outside air (ducted):** the following is acceptable: 2' of burner = one 4" round; 3' to 4' of burner = two 4" round; 5' to 6' of burner = three 4" round; 7' to 8' of burner = four 4" round. Spaced evenly under the front of the burner assembly.

CAUTION: ventilation air supply must originate at or below the base of the linear burner.

