

LYNWOOD SERIES



Lynwood W76 Wood Fireplace

SIERRA  FLAME

W76 WOOD

Emission Rate (G/Hr)	1.35
Heat Output (btu/hr)	13,741 – 44,772
Actual Measured Efficiency (CSA B415.1)	70.2
Certification EPA	2020
Type	Non Catalytic
Maximal wood load (kg)	10.5
Maximal wood load (lbs)	23.14
Maximal log size	21 inches
Combustion chamber size (dm ³)	44.4
Combustion chamber size (cu ft)	1.57
Total Weight (kg)	217
Total Weight (lbs)	478.4

EPA 2020 Approved!!



Performances

Values are as measured per test method, except for the recommended heating area, firebox volume, maximum burn time and maximum heat output.

Model	Lynwood W76
Type	Solid Fuel Room Heater
Type of Combustion	Non-catalytic
Fuel Type	Dry Cordwood (15% moisture)
Main Material	Cast Iron
Firebox Isolation	Vermiculite
Flue Exit	6" (150 mm) Back to top connector
Recommended Heating Area	450 to 2,000 ft. ² (42 to 185 m ²)
Nominal Firebox Volume	1.55 ft. ³ (0.044 m ³)
Maximum Burn Time ¹	14 hours
Maximum Heat Output (dry cordwood) ²	57,700 BTU/h (16.91 kW)
Overall Heat Output Rate (min. to max.) ^{2,3}	13,784 BTU/h to 57,684 BTU/h (4.04 kW to 16.91 kW)
Average Overall Efficiency ³	71% (HHV) ⁴ 76% (LHV) ⁵
Optimum Efficiency ⁵	78%
Average Particulate Emissions Rate ⁷	1.81 g/h (EPA/CSA B415.1-10)
Average CO ⁵	120 g/h

¹ Maximum Burn Time will vary depending on design of home, climate, wood type and operation.

² Heat Out Range results are determined during specific emissions test established by the EPA.

³ As measured per CSA B415. 1-10 stack loss method. The Maximum Heat Output value is representative of a more frequent re-fueling cycle than specified.

⁴ Higher Heating Value of the fuel is obtained per CSA B415. 1-10 test method.

⁵ Lower Heating Value of the fuel is obtained per CSA B415. 1-10 test method.

⁶ Optimum overall efficiency at a specific burn rate (LHV).

⁷ This appliance is officially tested and certified by an independent agency. Particulate Emissions rate is obtained using EPA Test Method.

⁸ Carbon Monoxide Emissions rate results from Test Method CSA B415. 1-10.