

Brage Boiler

Complete home heating system

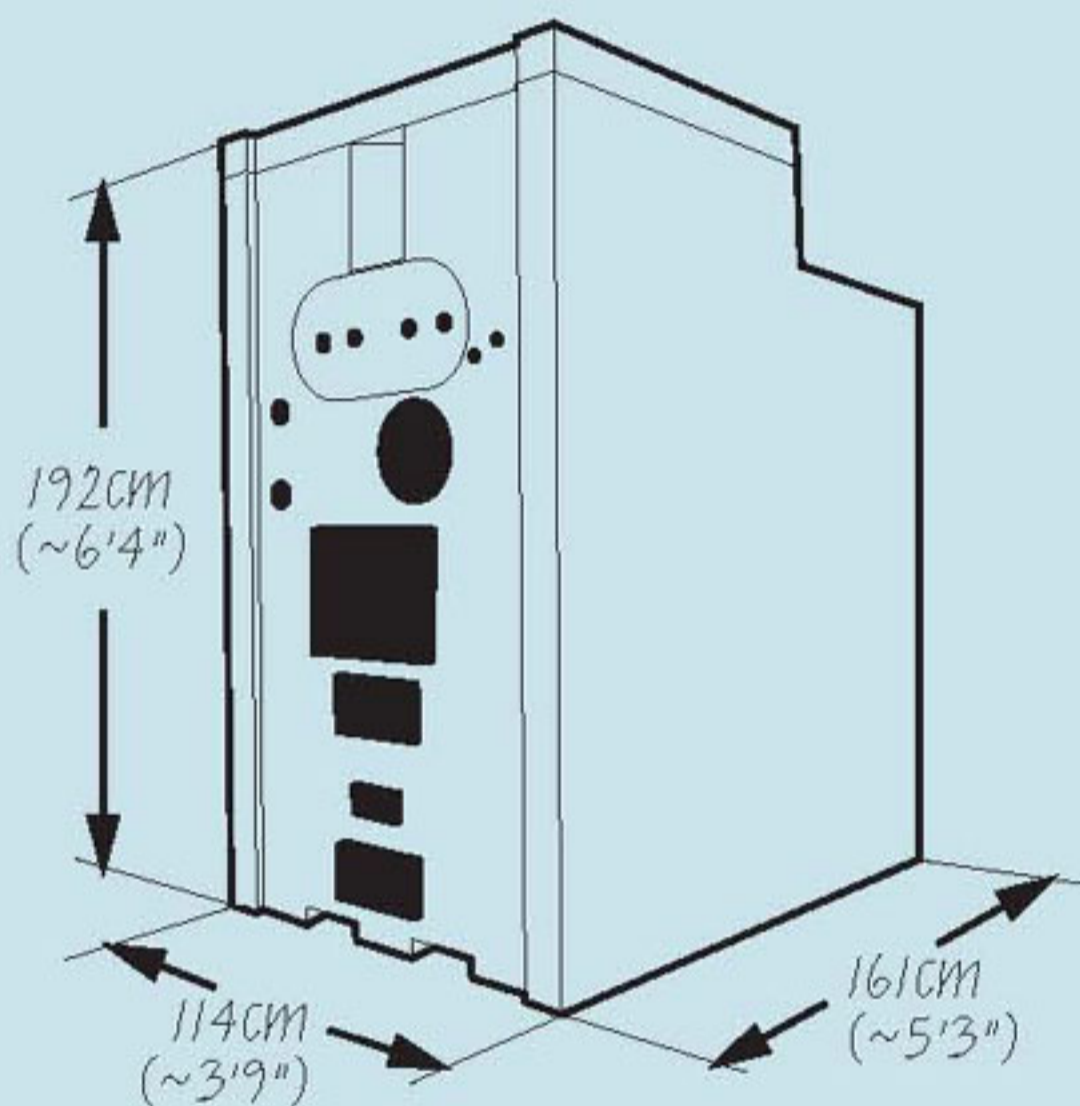


LAOWAN Brage Boiler provide a complete home heating system - convenient, economic and environmentally friendly. The boiler comes with built-in heat storage tank and expansion vessel, bringing installation costs to a minimum. It uses natural draft - the boiler burns just as well during a power-out. It is equipped with dual heat exchangers - one for tap water and one for the radiators. The boiler comes fitted with up to two electrical immersion heaters. During the warm season the Brage Boiler can work as a normal water heater, using electricity to heat the tap water.

HEAT OUTPUT: ABOUT 30 kW. EFFICIENCY (FOR THE WHOLE SYSTEM): > 80%. WEIGHT 960 KG. BUILT FOR 50 CM (20") LOGS. FITS APPR. 40 KG OF WOOD. HAS PASSED ENVIRONMENTAL TESTS ACCORDING TO EUROPEAN STANDARDS SS-EN 305-5

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Flue gas exit diameter: 219 mm external, 206 mm internal. Recommended length of flue gas tube (chimney): 4 m.

The thickness of the insulation in the front, bottom and back is 5 cm, and in the top and sides 10 cm. For installation the top lid can be taken off lowering the boiler 10 cm.

LAOWAN Brage Boiler have been developed in collaboration with Swedish experts, setting a new state-of-the-art in wood combustion technology. The environmental test at SP (Sweden) in 2003 was a great success. It is now proved that you can get extreme low pollutant emissions from a wood stove without fans. This means that the Brage Boiler burns without electricity. You can fire the boiler even if there is an electrical power failure.

Heating system components included or not needed in the Brage Boiler as compared to a conventional boiler.

	Brage Boiler	Conventional boiler
Boiler	Included	Included
Heat storage tank	Included	Not included
Expansion vessel	Included	Not included
Mixing valve	Not needed	Not included
Loading pump	Not needed	Not included
Electric fan	Not needed	Included

The Laowan Company was established in 1983 and is now Chinas largest manufacturer of small-scale domestic stoves, cookers and boilers.

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