Automatic Coal-fired Boiler

Make the smart choice.
Buy a PENNStoker and enjoy the reliability, safety, convenience and comfort of heating with coal.

For automatic, trouble free heating, the PENNStoker is the answer. Designed to burn anthracite coal, this heating unit is unsurpassed in providing clean, safe, affordable heat. Burning coal is cheaper than burning gas, heating oil, cordwood (if it needs to be purchased) or using electricity.

The PENNStoker is an exciting new blend of electronic technology and good old fashioned rugged engineering. With its super-high efficiency plus the “Burntrol” modulating controller, this unit will decrease coal usage and increase combustion and heating performance that will exceed your expectations!

Add the optional automatic fill and ash removal for complete hands-off operation.

Available sizes range from 100,000 BTU thru multi-million.

### Specifications for PennStoker Coal-fired Boilers (Five Models)

<table>
<thead>
<tr>
<th>Model</th>
<th>Dimensions</th>
<th>Hopper Capacity</th>
<th>Water Capacity</th>
<th>BTU Output</th>
<th>Will Heat*</th>
<th>Fitting Size</th>
<th>Flu Size</th>
<th>Approximate Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>7710</td>
<td>30˝ W, 50˝ L, 54˝ H</td>
<td>250 lbs.</td>
<td>25 Gal.</td>
<td>100,000</td>
<td>3,000 sq. ft.</td>
<td>1.5˝</td>
<td>8˝</td>
<td>700 lbs.</td>
</tr>
<tr>
<td>7720</td>
<td>36˝ W, 52˝ L, 54˝ H</td>
<td>350 lbs.</td>
<td>35 Gal.</td>
<td>200,000</td>
<td>5,000 sq. ft.</td>
<td>1.5˝</td>
<td>8˝</td>
<td>900 lbs.</td>
</tr>
<tr>
<td>7730</td>
<td>40˝ W, 62˝ L, 60˝ H</td>
<td>450 lbs.</td>
<td>45 Gal.</td>
<td>300,000</td>
<td>7,000 sq. ft.</td>
<td>2˝</td>
<td>10˝</td>
<td>1,000 lbs.</td>
</tr>
<tr>
<td>7740</td>
<td>40˝ W, 62˝ L, 60˝ H</td>
<td>600 lbs.</td>
<td>60 Gal.</td>
<td>400,000</td>
<td>9,000 sq. ft.</td>
<td>2˝</td>
<td>10˝</td>
<td>1,200 lbs.</td>
</tr>
<tr>
<td>7750</td>
<td>46˝ W, 68˝ L, 60˝ H</td>
<td>800 lbs.</td>
<td>80 Gal.</td>
<td>500,000</td>
<td>11,000 sq. ft.</td>
<td>2˝</td>
<td>10˝</td>
<td>1,500 lbs.</td>
</tr>
</tbody>
</table>

*building and climate conditions will affect heating capacity.

10 year limited warranty
Advantages of the PENNStoker:

1. The “Burntrol” modulating controller precisely matches the firing rate to the heat load. These are some of the important benefits that are the result.
   - Complete coal combustion (no un-burnt coal in the ashes)
   - Reduced ash content
   - Minimal temperature fluctuation (consistent, even heat is important for kilns and greenhouses)
   - Low time requirements for the operator
   - High combustion efficiency wrings all the available heat out of every pound of coal
   - Very user friendly
   - Allows for summertime use to heat domestic hot water

2. Jumbo-sized coal hopper can hold sufficient coal for up to two weeks.

3. Low mass boiler design ensures quick response to temperature changes.

4. Vertical fire-tube type heat exchanger significantly reduces the risk of corrosion from condensation and makes cleaning the boiler a breeze.

5. The secret to the high heating efficiency is the removable spiral baffles in the fire-tubes. These force the hot gases to spend more time in the tubes for complete heat transfer into the water as well as making cleaning very simple.

6. Easy access to interior to start fire and clean furnace.

7. Hinged top door allows easy access to heat exchanger and fire-tube baffles.

8. Durable powder-coated finish.

9. Stoker unit and coal hopper can be removed to make it easier to get down steps, etc.

10. Large ash pan and ash door for convenient ash removal.

11. Over-the-fire draft inlets provide secondary combustion air for the coal gases.

12. Heavy duty construction from ¼” steel plate.

13. Unique coal grate with apron retainer keeps coal on the grate until completely burnt.

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Use the PENNStoker to heat:

- Homes
- Shops
- Warehouses
- Greenhouses
- Livestock Buildings
- Make-up Air
- Kilns
- And more!