



## Buyers Guide

### Materials:

Installation material amounts can differ based on your preferred installation method. Please refer to the both the owner’s manual and local regulations and codes for more details.

Included Materials	Required Installation Materials (not included)	Recommended Accessories (not included)
Stove	Vent Kit (UL List 3” Type L)	Ash Vacuum
Smart Controller	High-temp silicone sealant (500F° RTV)	Ceramic Glass Cleaner
Remote	Fresh air intake kit	Stove Cleaning Brush
	Hearth pad	Vent Cap
	Pellets	

**Note: 4” Vent Kit and 3” to 4” adapter required if elevation >2500 ft**

Modes:	
<b>Manual:</b>	<ul style="list-style-type: none"> <li>• Select from 5 different heating levels. User can change the heating level anytime using the up/down arrows on the smart controller</li> </ul>
<b>Thermostat:</b>	<ul style="list-style-type: none"> <li>▪ User selects the desired temperature and stove operates to maintain that temp.</li> <li>▪ Stove will operate at heating level 5 to achieve desired temperature</li> <li>▪ Once, desired temperature is reached, the stove will drop to heating level 1</li> <li>▪ If room temperature drops below the desired temp, the stove will operate at heating level 5 to heat the space back to temp.</li> </ul>
<b>Weekly:</b>	<ul style="list-style-type: none"> <li>• Scheduled operation</li> <li>• Up to four operating periods for each of the seven days of the week</li> <li>• Operation protocol is similar to thermostat mode</li> <li>• Stove will turn off when not scheduled to run.</li> </ul>

## Cleaning and Maintenance

The Castle Serenity features an innovative design that makes cleaning your pellet stove easier than ever.

<b>Before Igniting:</b>	<ul style="list-style-type: none"><li>▪ Dump firepot remnants from previous fire in ash pan</li></ul>
<b>Every 2-3 days:</b>	<ul style="list-style-type: none"><li>▪ Clean glass</li><li>▪ Empty ash pan</li></ul>
<b>Weekly:</b>	<ul style="list-style-type: none"><li>▪ Brush-down and vacuum-out firebox with ash vacuum</li></ul>
<b>Monthly:</b>	<ul style="list-style-type: none"><li>▪ Visually inspect exhaust vent to determine if cleaning is necessary</li></ul>
<b>Annually:</b>	<ul style="list-style-type: none"><li>▪ Remove and clean exhaust venting</li><li>▪ Remove and clean exhaust motor housing and impellers</li></ul>

## Heating Capabilities

<b>Heating Coverage</b>	<ul style="list-style-type: none"><li>▪ About 1500 Square Feet</li><li>▪ May be greater in well insulated spaces</li></ul>
<b>BTUs</b>	<ul style="list-style-type: none"><li>▪ Input – 32,000</li><li>▪ Output – 9,575-22,226</li></ul>
<b>Approximate Burn Time (per 40 lb bag)</b>	<ul style="list-style-type: none"><li>▪ Low – 24 hours</li><li>▪ Med – 16 hours</li><li>▪ High – 11 hours</li></ul>