PERFORMANCE FROM THE BEGINNING

Founders Alan Trusler and Dan Henry spent countless nights in the lab, determined to harness the powerful force of fire in ground-breaking new ways. In 1990 they introduced the first self-igniting pellet stove using Original Energy Technology. In 2014 Quadra-Fire launched Efficient Energy technology.

WHY QUADRA-FIRE
At Quadra-Fire we believe that nothing burns like a Quad, and heating with pellets should be easy and cost effective. Today these ideals are vibrant and alive, blending our past with our present. Quadra-Fire products are proudly built to last by our members.

WHY PELLETS
Pellets provide a time-saving heating choice that is an easy-to-use, renewable fuel. Pellets are normally available in 40 lb bags. A 1,500 sq ft home will use 2-4 tons per season, on average.

WHY AN INSERT
Quadra-Fire pellet inserts provide an instant upgrade to any hearth, designed to be retrofitted into an existing wood-burning fireplace. Inserts instantly transform your drafty old fireplace into a powerful, efficient and clean burning heat source.

As the fire ignites, it remains clear: NOTHING BURNS LIKE A QUAD.
Introducing Quadra-Fire’s pellet inserts, offering many styles, colors and technologies that deliver EASY OPERATION.

Eliminate the hassle and save time with Quadra-Fire’s fully automatic pellet inserts. Simply fill the hopper, set your thermostat and walk away.

Enjoy quick and easy cleaning with Quadra-Fire’s patented firepot design.

EXCLUSIVE TECHNOLOGIES
Innovative technology is at work in every Quadra-Fire. These advancements make it possible to burn pellets more effectively, efficiently, and with more control.

E2
Efficient Energy (E2) technology helps achieve 83.2% efficiency—saving money by burning less fuel. Plus E2 automatically adjusts the blower to maintain desired room temperature, and allows five manual heat output settings. Standard 7-day, wireless programmable wall thermostat allows you to run your appliance based on your personal comfort level all day or up to four different times each day.

OE
Original Energy (OE) delivers performance using an aluminum heat exchange system and three heat output settings. The easy operation of a patented jam-free feed system and easy-clean firepot delivers a reliable heat source. Standard wall thermostat allows you to set your target room temperature and walk away.
7-DAY PROGRAMMABLE WALL THERMOSTAT
Allows you to run your appliance based on your personal comfort level all day or up to four different times each day.

CAST IRON AIRFOIL HEAT EXCHANGER
This cast iron airfoil heat exchanger is the most efficient way to transfer the heat from your appliance to your room.

CAST IRON FIREPOT
The most efficient way to burn pellets, creating temperatures exceeding 1000 degrees, assuring the fuel is completely burned leaving only a fine ash behind. This ash is easily removed due to the patented firepot design.
CASTILE INSERT SHOWN IN CLASSIC BLACK, WITH METAL SURROUND WITH CLASSIC BLACK CAST IRON TRIM AND OPTIONAL LOG SET

7-DAY PROGRAMMABLE WALL THERMOSTAT
Allows you to run your appliance based on your personal comfort level all day or up to four different times each day.

ALUMINUM HEAT EXCHANGER
Easy to clean by simply pulling on the cleaning rods when your appliance is cold. Efficiently captures the heat from your appliance and uses the combustion blower to move that hot air into your space.

CAST IRON FIREPOT
The most efficient way to burn pellets, creating temperatures exceeding 1000 degrees, assuring the fuel is completely burned leaving only a fine ash behind. This ash is easily removed due to the patented firepot design.

<table>
<thead>
<tr>
<th>BTU/hr Output</th>
<th>Heating Capacity</th>
<th>Efficiency</th>
<th>Burn Rate</th>
<th>Emissions</th>
<th>Hopper Capacity</th>
<th>Actual Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>9,400-30,600</td>
<td>700-1,900 sq ft</td>
<td>70% LHV 66% HHV</td>
<td>1.0-3.4 lb/hr</td>
<td>1.1 g/hr</td>
<td>45lb</td>
<td>260lb</td>
</tr>
</tbody>
</table>

CLASSIC BLACK
PORCELAIN MAHOGANY
PORCELAIN TWILIGHT
CLASSIC BAY 1200 INSERT
ORIGINAL ENERGY

CLASSIC BAY 1200 INSERT SHOWN WITH METAL SURROUND
WITH BLACK NICKEL TRIM AND OPTIONAL LOG SET

**Emissions**
0.8 g/hr

**Hopper Capacity**
75 lb

**Efficiency**
- 68% LHV
- 64% HHV

**Heating Capacity**
1,000-2,700 sq ft

**Burn Rate**
1.9-5.3 lb/hr

**BTU/hr Output**
17,000-48,500

**Actual Weight**
243 lb

---

**7-DAY PROGRAMMABLE WALL THERMOSTAT**
Allows you to run your appliance based on your personal comfort level all day or up to four different times each day.

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In three easy steps, a Quadra-Fire pellet fireplace insert can transform your existing traditional wood fireplace into a beautiful and efficient heat source without a major renovation.
**STEP 1 MEASURE YOUR EXISTING FIREPLACE OPENING AND SELECT YOUR INSERT**

The width, height and depth of the existing fireplace opening is needed to ensure selection of an appropriately-sized insert:

- A. Fireplace front width
- B. Fireplace front height
- C. Fireplace back width
- D. Fireplace depth
- E. Hearth to mantel height

When selecting your insert, keep these two factors in mind and your sure to make a solid choice:
- Consider the size of your existing fireplace opening – try to fill that space
- Consider how your insert will be used: room size, heating needs and usage frequency all come into play

**STEP 2 CHOOSE YOUR SURROUND**

Surrounds remove the gap between the fireplace insert and existing fireplace opening. Choose from numerous sizes and styles for a unique look.

<table>
<thead>
<tr>
<th>STANDARD SIZE SURROUND</th>
<th>LARGE SURROUND</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CLASSIC BLACK</strong></td>
<td><strong>CLASSIC BLACK</strong></td>
</tr>
<tr>
<td>Metal Surround with</td>
<td>Metal Surround with</td>
</tr>
<tr>
<td>Cast Iron Trim</td>
<td>Outside Metal Trim</td>
</tr>
<tr>
<td>Standard Size: 45&quot;W x 34-1/2&quot;H</td>
<td>Large Size: 50&quot;W x 33&quot;H</td>
</tr>
<tr>
<td>Standard Size: 48&quot;W x 34&quot;H</td>
<td>Standard Size: 50&quot;W x 33&quot;H</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAST IRON TRIM COLORS</th>
<th>METAL TRIM COLORS</th>
</tr>
</thead>
<tbody>
<tr>
<td>CLASSIC BLACK</td>
<td>CASTILE</td>
</tr>
<tr>
<td>Trekker</td>
<td>Classic Bay 1200</td>
</tr>
<tr>
<td>Castile</td>
<td>Santa Fe</td>
</tr>
</tbody>
</table>

**STEP 3 CUSTOMIZE YOUR INSERT**

**LOG SET**

Gives you the look of burning logs.

- TREKKER
- CASTILE
- CLASSIC BAY 1200
- SANTA FE

**REMOTE CONTROL THERMOSTAT**

Allows you to run your appliance based on your personal comfort level.

- TREKKER
- CASTILE
- CLASSIC BAY 1200
- SANTA FE
# Pellet Insert Comparison

<table>
<thead>
<tr>
<th></th>
<th>Trekker</th>
<th>Castile</th>
<th>Classic Bay 1200</th>
<th>Santa Fe</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BTU/Hour Input</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td>16,400-51,000</td>
<td>9,400-30,600</td>
<td>17,000-48,500</td>
<td>9,400-30,600</td>
</tr>
<tr>
<td><strong>Heating Capacity</strong>&lt;sup&gt;2&lt;/sup&gt;</td>
<td>1,300 - 2,900 sq ft</td>
<td>700 - 1,900 sq ft</td>
<td>1,000 - 2,700 sq ft</td>
<td>700 - 1,900 sq ft</td>
</tr>
<tr>
<td><strong>Efficiency</strong>&lt;sup&gt;3&lt;/sup&gt;</td>
<td>83% LHV, 78% HHV</td>
<td>70% LHV, 66% HHV</td>
<td>68% LHV, 64% HHV</td>
<td>70% LHV, 66% HHV</td>
</tr>
<tr>
<td><strong>Burn Rate</strong></td>
<td>1.9-5.9 lb/hr</td>
<td>1.0-3.4 lb/hr</td>
<td>1.9-5.3 lb/hr</td>
<td>1.0 - 3.4 lb/hr</td>
</tr>
<tr>
<td><strong>Emissions</strong></td>
<td>.74 g/hr</td>
<td>1.1 g/hr</td>
<td>.8 g/hr</td>
<td>1.1 g/hr</td>
</tr>
<tr>
<td><strong>Hopper Capacity</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td>52 lb</td>
<td>45 lb</td>
<td>75 lb</td>
<td>45 lb</td>
</tr>
<tr>
<td><strong>Actual Weight</strong></td>
<td>425 lb</td>
<td>260 lb</td>
<td>243 lb</td>
<td>214 lb</td>
</tr>
<tr>
<td><strong>Technologies</strong></td>
<td>Efficient Energy (E2) Technology</td>
<td>Original Energy (OE) Technology</td>
<td>Original Energy (OE) Technology</td>
<td>Original Energy (OE) Technology</td>
</tr>
</tbody>
</table>
CLEARANCES

<table>
<thead>
<tr>
<th>Insert</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREKKER</td>
<td>24-5/16&quot;</td>
<td>18-5/16&quot;</td>
<td>29-3/4&quot;</td>
<td>16&quot;</td>
<td>41-3/4&quot;*</td>
<td>15-1/8&quot;</td>
</tr>
<tr>
<td>CASTILE</td>
<td>31-1/2&quot;</td>
<td>25-1/2&quot;</td>
<td>29-3/4&quot;</td>
<td>13-1/2&quot;</td>
<td>37&quot;</td>
<td>14&quot;</td>
</tr>
<tr>
<td>CLASSIC BAY 1200</td>
<td>19-3/4&quot;</td>
<td>19-3/4&quot;</td>
<td>28-1/2&quot;</td>
<td>18-1/4&quot;</td>
<td>37-1/2&quot;</td>
<td>17</td>
</tr>
</tbody>
</table>

* If mantel depth is 10" or less then E = 39-3/4"

MASONRY AND FACTORY BUILT ZERO CLEARANCE

<table>
<thead>
<tr>
<th>Insert</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>TREKKER</td>
<td>24-3/8&quot;</td>
<td>32-1/4&quot;</td>
<td>24-1/8&quot;</td>
<td>16-5/8&quot;</td>
</tr>
<tr>
<td>CLASSIC BAY 1200</td>
<td>19-3/4&quot;</td>
<td>29-3/4&quot;</td>
<td>22-1/2&quot;</td>
<td>13-1/4&quot;</td>
</tr>
<tr>
<td>SANTA FE</td>
<td>23-1/4&quot;</td>
<td>29-1/8&quot;</td>
<td>23-7/8&quot;</td>
<td>13&quot;</td>
</tr>
</tbody>
</table>

IMPORTANT - READ BEFORE YOU INSTALL
Refer to the Owner/Installation Manual for complete clearance requirements and specifications. The images and descriptions on this brochure are provided to assist you in product selection only.
IMPORTANT - READ BEFORE YOU INSTALL!

Refer to the Owner/Installation Manual for complete clearance requirements and specifications. Power cords for
the fans will run along the hearth and can be directed to either side of the appliance for flexible installation. The
images and descriptions in this brochure are provided to assist you in product selection only.

Quadra-Fire is a registered trademark of Hearth & Home Technologies. Product specifications and pricing
subject to change without notice.

Fireplace, stove and insert surfaces get extremely HOT and can cause severe burns if touched. Keep a safe
distance away. To learn more visit www.quadrafire.com/fireplacessafety.