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
For more than 30 years, Quadra-Fire has put performance and easy operation above all else. Today these ideals are vibrant and alive with these pellet products, delivering maximum heat with high efficiencies along with easy operation, allowing you to fill the hopper, set your thermostat and walk away.

WHY PELLETS
Clean-burning and consistent, pellets are affordable, available and renewable. 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:

PERFORMANCE
Get maximum heat and high efficiencies with one of two exclusive technologies offered by Quadra-Fire.

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.

EFFICIENT ENERGY
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.

ORIGINAL ENERGY
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.
**TREKKER INSERT**

**EFFICIENT ENERGY**

- **BTU/hr Input**: 16,400-51,000
- **Heating Capacity**: 1,300-2,900 sq ft
- **Efficiency**: 83.2%
- **Burn Rate**: 1.9-5.9 lb/hr
- **Emissions**: 0.74 g/hr
- **Hopper Capacity**: 52 lb
- **Actual Weight**: 425 lb

---

**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.

---

**CLASSIC BLACK**

**PORCELAIN MAHOGANY**

**PORCELAIN TWILIGHT**

---

**TREKKER INSERT SHOWN IN MAHOGANY, WITH METAL SURROUND WITH CAST IRON TRIM IN MAHOGANY**
CASTILE INSERT
ORIGINAL ENERGY

CASTILE INSERT SHOWN IN CLASSIC BLACK, WITH METAL SURROUND
WITH CLASSIC BLACK CAST IRON TRIM AND OPTIONAL LOG SET

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.
**CLASSIC BAY 1200 INSERT**

**ORIGINAL ENERGY**

---

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

---

**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.

---

**BTU/hr Output**

17,000-48,500

**Heating Capacity**

1,000-2,600 sq ft

**Efficiency**

67.6%

**Burn Rate**

1.9-5.3 lb/hr

**Emissions**

.8 g/hr

**Hopper Capacity**

75 lb

**Actual Weight**

243 lb
**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.
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__________  D. Fireplace depth__________
B. Fireplace front height__________  E. Hearth to mantel height________
C. Fireplace back width__________

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>
</table>

SURROUND | TREKKER | CASTILE | CLASSIC BAY 1200i | SANTA FE |
<table>
<thead>
<tr>
<th></th>
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<th></th>
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<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Metal Surround with Cast Iron Trim</td>
<td>Standard Size: 45&quot;W x 34-1/2&quot;H</td>
<td>Standard Size: 42-1/2&quot;W x 30&quot;H</td>
<td>Large Size: 48&quot;W x 34&quot;H</td>
<td>n/a</td>
</tr>
<tr>
<td>Metal Surround with Outside Metal Trim</td>
<td>Large Size: 50&quot;W x 33&quot;H</td>
<td>Standard Size: 43&quot;W x 31&quot;H</td>
<td>Large Size: 51&quot;W x 34&quot;H</td>
<td>Standard Size: 40&quot;W x 30&quot;H</td>
</tr>
</tbody>
</table>

CAST IRON TRIM COLORS
- BLACK
- Trekker
- Castile

PORCELAIN TWILIGHT
- Trekker
- Castile

PORCELAIN MAHOGANY
- Trekker
- Castile

METAL TRIM COLORS
- CLASSIC BLACK
- BLACK NICKEL
- Mt. Vernon AE
- Trekker
- Classic Bay 1200
- Santa Fe
- SATIN NICKEL
- Castile
- Classic Bay 1200
- Santa Fe

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

<table>
<thead>
<tr>
<th>TREKKER</th>
<th>CASTILE</th>
<th>CLASSIC BAY 1200</th>
<th>SANTA FE</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Diagram" /></td>
<td><img src="image" alt="Diagram" /></td>
<td><img src="image" alt="Diagram" /></td>
<td><img src="image" alt="Diagram" /></td>
</tr>
<tr>
<td><strong>BTU/HOUR INPUT</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td><strong>9,400-30,600</strong></td>
<td><strong>17,000-48,500</strong></td>
<td><strong>9,400-30,600</strong></td>
</tr>
<tr>
<td><strong>HEATING CAPACITY</strong>&lt;sup&gt;2&lt;/sup&gt;</td>
<td><strong>700 - 1,800 sq ft</strong></td>
<td><strong>1,000 - 2,600 sq ft</strong></td>
<td><strong>700 - 1,800 sq ft</strong></td>
</tr>
<tr>
<td><strong>EFFICIENCY</strong>&lt;sup&gt;3&lt;/sup&gt;</td>
<td><strong>70.4%</strong></td>
<td><strong>67.6%</strong></td>
<td><strong>70.4%</strong></td>
</tr>
<tr>
<td><strong>BURN RATE</strong></td>
<td><strong>1.0 - 3.4 lb/hr</strong></td>
<td><strong>1.9 - 5.3 lb/hr</strong></td>
<td><strong>1.0 - 3.4 lb/hr</strong></td>
</tr>
<tr>
<td><strong>EMISSIONS</strong></td>
<td><strong>1.1 g/hr</strong></td>
<td><strong>.8 g/hr</strong></td>
<td><strong>1.1 g/hr</strong></td>
</tr>
<tr>
<td><strong>HOPPER CAPACITY</strong>&lt;sup&gt;1&lt;/sup&gt;</td>
<td><strong>45 lb</strong></td>
<td><strong>75 lb</strong></td>
<td><strong>45 lb</strong></td>
</tr>
<tr>
<td><strong>ACTUAL WEIGHT</strong></td>
<td><strong>260 lb</strong></td>
<td><strong>243 lb</strong></td>
<td><strong>214 lb</strong></td>
</tr>
<tr>
<td><strong>TECHNOLOGIES</strong></td>
<td><strong>Original Energy (OE) Technology</strong></td>
<td><strong>Original Energy (OE) Technology</strong></td>
<td><strong>Original Energy (OE) Technology</strong></td>
</tr>
</tbody>
</table>

## PELLET INSERT COMPARE

- **TREKKER CASTILE CLASSIC BAY 1200 SANTA FE**
- **BTU/HOUR INPUT**
  - TREKKER: 16,400-51,000
  - CASTILE: 9,400-30,600
  - CLASSIC BAY 1200: 17,000-48,500
  - SANTA FE: 9,400-30,600
- **HEATING CAPACITY**
  - TREKKER: 1,300 - 2,900 sq ft
  - CASTILE: 700 - 1,800 sq ft
  - CLASSIC BAY 1200: 1,000 - 2,600 sq ft
  - SANTA FE: 700 - 1,800 sq ft
- **EFFICIENCY**
  - TREKKER: 83.2%
  - CASTILE: 70.4%
  - CLASSIC BAY 1200: 67.6%
  - SANTA FE: 70.4%
- **BURN RATE**
  - TREKKER: 1.9-5.9 lb/hr
  - CASTILE: 1.0-3.4 lb/hr
  - CLASSIC BAY 1200: 1.9-5.3 lb/hr
  - SANTA FE: 1.0-3.4 lb/hr
- **EMISSIONS**
  - TREKKER: .74 g/hr
  - CASTILE: 1.1 g/hr
  - CLASSIC BAY 1200: .8 g/hr
  - SANTA FE: 1.1 g/hr
- **HOPPER CAPACITY**
  - TREKKER: 52 lb
  - CASTILE: 45 lb
  - CLASSIC BAY 1200: 75 lb
  - SANTA FE: 45 lb
- **ACTUAL WEIGHT**
  - TREKKER: 425 lb
  - CASTILE: 260 lb
  - CLASSIC BAY 1200: 243 lb
  - SANTA FE: 214 lb
- **TECHNOLOGIES**
  - TREKKER: Efficient Energy (E2) Technology
### 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&quot;</td>
</tr>
</tbody>
</table>

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

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### 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>

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**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.
Available From:

**Limited Lifetime Warranty**

The strongest in the industry, Quadra-Fire provides a limited lifetime warranty on the most important aspects: firebox and heat exchanger.

1 BTU/hour input based on the high feed rate per hour multiplied by BTU content of test fuel pellets. Fuel density and pellet shape will affect hopper capacity. 2 See your local Quadra-Fire dealer for help in determining the product that best suits your heating needs based on climate and home efficiency. 3 Weighted average LHV (Low Heating Value) efficiency. 4 For full warranty details go to www.quadrafire.com.

**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/fireplacesafety.