In 1990, the U.S. Environmental Protection Agency (EPA) enacted stringent wood-burning regulations, crippling the more than 500 wood stove manufacturers around the country. But not Quadra-Fire®.

Two years of research and development later, founders Alan Trusler and Dan Henry unveiled their patented “Quad Burn” system. The technology produced powerful and efficient rolling flames so intense, it dawned the inception of the Quadra-Fire name.

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, blending our past with our present. Quadra-Fire products are proudly built to last by our members.

WHY WOOD
IT’S RENEWABLE - Using renewable energy sources is more important than ever and wood is 100 percent renewable. When you burn wood, you are also completing the last step of the natural carbon cycle of trees, resulting in a zero net carbon impact on the environment.

IT’S COST-EFFECTIVE - Heating with wood costs less than heating with electricity, liquid propane or heating oil, especially if you harvest wood yourself.

As the fire ignites, it remains clear: NOTHING BURNS LIKE A QUAD.
QUADRA-FIRE
STEEL WOOD STOVES

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

With Quadra-Fire, performance comes standard. Building on its strong legacy, Quadra-Fire creates products with:

PERFORMANCE
Get maximum heat and a clean burn, with the Quadra-Fire Four-Point Burn System delivering performance that you can see.

EASY OPERATION
Eliminate the hassle and save time with the Automatic Combustion Control (ACC); simply load the wood, light the fire and walk away.

FOUR-POINT BURN SYSTEM
The patented Quadra-Fire Four-Point Burn System produces intense rolling flames. Four combustion cycles extend the heat, enhance the fire and increase efficiency for long-lasting, proven performance.

1. PRECISION START-UP
   Airflow quickly routes to the heart of the fire.

2. SECONDARY BURN ZONE
   Air movement helps create rolling flames and keeps the glass clean.

3. TERTIARY BURN ZONE
   Superheated air ignites flammable gases rising from the wood.

4. QUATERNARY BURN ZONE
   Remaining impurities are burned above the baffle before exiting up the chimney.

AUTOMATIC COMBUSTION CONTROL
Automatic Combustion Control (ACC) is an advanced heat-management technology from Quadra-Fire. ACC feeds the fire with air when it’s needed most—for precision start-up and consistent, extended burns.

A. ACTIVATION CONTROL KNOB
   Push back and pull forward to activate startup airflow.

B. ACC AIR INLET
   Controls startup airflow to build the fire.

C. ACC TIMER
   Opens ACC air inlet during startup for approximately 20 minutes.

D. BURN RATE CONTROL
   Controls the airflow feeding the fire, also controls your comfort.
4300 MILLENNIUM

Max. Burn Time: 12 hrs
Efficiency: 80.2%
Heating Capacity: 1,100-3,000 sq ft
Emissions: 1.0 g/h
Firebox: 2.3 cu ft
Recommended Log Length: 18"
Viewing Area: 165 sq in
Actual Weight: 315 lbs

Peak BTU/Hr Output: 63,700
3100 MILLENNIUM

- **Peak BTU/Hr Output**: 51,000
- **Heating Capacity**: 1,000-2,600 sq ft
- **Max. Burn Time**: 10 hrs
- **Efficiency**: 78.3%
- **Emissions**: 1.9 g/h
- **Firebox**: 2.0 cu ft
- **Recommended Log Length**: 16”
- **Viewing Area**: 165 sq in
- **Actual Weight**: 285 lbs

3100 MILLENNIUM SHOWN STANDARD
2100 MILLENIUM

- Max. Burn Time: 7 hrs
- Efficiency: 78.7%
- Emissions: 2.1 g/hr
- Firewall: 1.4 cu ft
- Recommended Log Length: 16"
- Viewing Area: 125 sq in
- Actual Weight: 260 lbs

Peak BTU/Hr Output: 44,000

Heating Capacity: 800-2,100 sq ft

2100 MILLENIUM SHOWN STANDARD
ACCESSORIES

**ARCHED DOOR**
In black or satin nickel (includes matching hinge pins and air control handle) for step top stoves

**RECTANGULAR DOOR**
For 4300 step top stove

**DOOR UPGRADE KIT**
Satin nickel hinge pins, spring handle and air control handle (spring handle used on millennium series only)

**QUEEN ANNE LEGS**
In black or satin nickel for step top stoves (includes ash pan)

**PEDESTAL BASE**
For step top stoves (includes ash pan)

**ASH PAN**
Included with queen anne legs and pedestal base for step top stoves only

**TRADITIONAL LEGS**
For 5700 and 4300 step top only (ash pan not available)

**FAN KIT**
For all stoves

**350 CFM FAN KIT**
For 5700 step top
<table>
<thead>
<tr>
<th>5700 STEP TOP</th>
<th>4300 STEP TOP</th>
<th>4300 MILLENNIUM</th>
<th>3100 MILLENNIUM</th>
<th>2100 MILLENNIUM</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>PEAK BTU/HR OUTPUT</strong></td>
<td>72,100</td>
<td>63,700</td>
<td>63,700</td>
<td>51,000</td>
</tr>
<tr>
<td><strong>HEATING CAPACITY</strong></td>
<td>1,400 - 3,700 sq ft</td>
<td>1,100 - 3,000 sq ft</td>
<td>1,100 - 3,000 sq ft</td>
<td>1,000 - 2,600 sq ft</td>
</tr>
<tr>
<td><strong>MAXIMUM BURN TIME</strong></td>
<td>15 hrs</td>
<td>12 hrs</td>
<td>12 hrs</td>
<td>10 hrs</td>
</tr>
<tr>
<td><strong>EFFICIENCY</strong></td>
<td>80%</td>
<td>80.2%</td>
<td>80.2%</td>
<td>78.3%</td>
</tr>
<tr>
<td><strong>EMISSIONS</strong></td>
<td>1.8 g/hr</td>
<td>1.0 g/hr</td>
<td>1.0 g/hr</td>
<td>1.9 g/hr</td>
</tr>
<tr>
<td><strong>FIREBOX CAPACITY</strong></td>
<td>3.0 cu ft</td>
<td>2.3 cu ft</td>
<td>2.3 cu ft</td>
<td>2.0 cu ft</td>
</tr>
<tr>
<td><strong>RECOMMENDED LOG LENGTH</strong></td>
<td>22” max.</td>
<td>18” max.</td>
<td>18” max.</td>
<td>16” max.</td>
</tr>
<tr>
<td><strong>VIEWING AREA</strong></td>
<td>187 sq in</td>
<td>165 sq in</td>
<td>165 sq in</td>
<td>165 sq in</td>
</tr>
<tr>
<td><strong>ACTUAL WEIGHT</strong></td>
<td>434 lbs</td>
<td>315 lbs</td>
<td>315 lbs</td>
<td>285 lbs</td>
</tr>
</tbody>
</table>

**STOVE COMPARISON**

Height w/Queen Anne Legs: 33-7/8
Height w/Traditional Legs: 33-7/8

Height w/Queen Anne Legs: 32-7/8
Height w/Traditional Legs: 32-7/8

Depth w/Queen Anne Legs: 27-1/2
Depth w/Traditional Legs: 26

Depth w/Queen Anne Legs: 23-1/2
Depth w/Traditional Legs: 21-5/8

Height w/Queen Anne Legs: 32-5/8
Height w/Traditional Legs: 32-5/8

Height w/Queen Anne Legs: 27-1/2
Height w/Traditional Legs: 26

Height w/Queen Anne Legs: 23-1/2
Height w/Traditional Legs: 21-5/8
# Clearances to Combustibles

## Step Top Series

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>5700 Step Top</td>
<td>Single Wall Pipe</td>
<td>15-3/4&quot;</td>
<td>9&quot;</td>
<td>25-1/2&quot;</td>
<td>12&quot;</td>
<td>4&quot;</td>
<td>16-7/8&quot;</td>
</tr>
<tr>
<td></td>
<td>Double Wall Pipe</td>
<td>13-3/4&quot;</td>
<td>7&quot;</td>
<td>25-1/2&quot;</td>
<td>12&quot;</td>
<td>1&quot;</td>
<td>13-7/8&quot;</td>
</tr>
<tr>
<td>4300 Step Top</td>
<td>Single Wall Pipe</td>
<td>18-1/2&quot;</td>
<td>11-3/4&quot;</td>
<td>27-1/2&quot;</td>
<td>14-1/2&quot;</td>
<td>2&quot;</td>
<td>15&quot;</td>
</tr>
<tr>
<td></td>
<td>Double Wall Pipe</td>
<td>10-1/2&quot;</td>
<td>3-3/4&quot;</td>
<td>25&quot;</td>
<td>11-3/4&quot;</td>
<td>2&quot;</td>
<td>15&quot;</td>
</tr>
</tbody>
</table>

## Millennium Series

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>4300 Millennium</td>
<td>Single Wall Pipe</td>
<td>18-1/2&quot;</td>
<td>11-3/4&quot;</td>
<td>27-1/2&quot;</td>
<td>14-1/2&quot;</td>
<td>10&quot;</td>
<td>20-1/2&quot;</td>
</tr>
<tr>
<td></td>
<td>Double Wall Pipe</td>
<td>12&quot;</td>
<td>5-1/4&quot;</td>
<td>27-1/2&quot;</td>
<td>14-1/2&quot;</td>
<td>10&quot;</td>
<td>20-1/2&quot;</td>
</tr>
<tr>
<td>3100 Millennium</td>
<td>Single Wall Pipe</td>
<td>18-1/4&quot;</td>
<td>11-3/4&quot;</td>
<td>28-1/2&quot;</td>
<td>16&quot;</td>
<td>8&quot;</td>
<td>20&quot;</td>
</tr>
<tr>
<td></td>
<td>Double Wall Pipe</td>
<td>13-1/2&quot;</td>
<td>6-1/2&quot;</td>
<td>25&quot;</td>
<td>13&quot;</td>
<td>6-1/2&quot;</td>
<td>18-1/2&quot;</td>
</tr>
<tr>
<td>2100 Millennium</td>
<td>Single Wall Pipe</td>
<td>18&quot;</td>
<td>11&quot;</td>
<td>24-1/2&quot;</td>
<td>13&quot;</td>
<td>8-1/2&quot;</td>
<td>20&quot;</td>
</tr>
<tr>
<td></td>
<td>Double Wall Pipe</td>
<td>11-3/4&quot;</td>
<td>5-3/4&quot;</td>
<td>23&quot;</td>
<td>10-1/2&quot;</td>
<td>7-1/2&quot;</td>
<td>19&quot;</td>
</tr>
</tbody>
</table>

## Backwall / Sidewall Corner Installation

### Step Top Series

**Stove to Ceiling Clearance**

*Follow pipe manufacturer’s clearances as required*

### Millennium Series

**Stove to Ceiling Clearance**

*Follow pipe manufacturer’s clearances as required*

**Note:** 2100 Millennium requires minimum 2’ vertical pipe off stove top

## Hearth Protection

### Hearthpad Type

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
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<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
</tr>
</thead>
</table>

**Note:** Reference install manual for requirements in Canada.
Thank you from everyone at Quadra-Fire

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: 1st hour output uses high burn efficiency number. BTU will vary depending on the type of fuel used and moisture content of the fuel. 2. Heating capacity (in square feet) is a guideline only and may differ due to climate, building construction and condition, amount and quality of insulation, location of the heater, and air movement in the room. 3. Actual burn times will vary based on how the appliance is operated, load size, moisture content and type of wood used, chimney height and installation 4. For full warranty details go to www.quadrafire.com. 5. Weighted average LHV (Low Heating Value) efficiency.

IMPORTANT - READ BEFORE YOU INSTALL!
Refer to the Owner/Installation Manual for complete clearance requirements and specifications. 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.