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.

In 2015 and 2020, the U.S. Environmental Protection Agency updated their regulations requiring even tougher standards on emissions. Using our existing technology, Quadra-Fire was able to exceed these new standards ensuring renewable heat sources for generations to come.

WHY QUADRA-FIRE

At Quadra-Fire we believe that nothing burns like a Quad, and heating with wood 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 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.**
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.

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 or a boost of air when needed.

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.

With four different sizes to choose from and multiple looks to fit any décor, you don’t need to look any further for your heating needs.

All this is powered by the following two exclusive technologies.
<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. Burn Time</td>
<td>15 hrs</td>
</tr>
<tr>
<td>Efficiency</td>
<td>80%</td>
</tr>
<tr>
<td>Emissions</td>
<td>1.8 g/h</td>
</tr>
<tr>
<td>Firebox</td>
<td>3.0 cu ft</td>
</tr>
<tr>
<td>Recommended Log Length</td>
<td>22”</td>
</tr>
<tr>
<td>Viewing Area</td>
<td>187 sq in</td>
</tr>
<tr>
<td>Actual Weight</td>
<td>434 lbs</td>
</tr>
</tbody>
</table>

**5700 STEP TOP SHOWN WITH SATIN NICKEL ARCHED DOOR (INCLUDES SATIN NICKEL HINGE PINS AND AIR CONTROL HANDLE) AND TRADITIONAL LEGS.**

---

**5700 STEP TOP ➔ PEDESTAL BASE ➔ ASH PAN**

**5700 STEP TOP ➔ QUEEN ANNE LEGS ➔ ASH PAN**

**5700 STEP TOP ➔ TRADITIONAL LEGS**
4300 STEP TOP SHOWN WITH SATIN NICKEL
ARCHED DOOR (INCLUDES SATIN NICKEL HINGE PINS AND AIR CONTROL HANDLE) AND BLACK QUEEN ANNE LEGS

**4300 STEP TOP**

- **Peak BTU/Hr Output**: 61,700
- **Heating Capacity**: 1,100-3,000 sq ft
- **Max. Burn Time**: 12 hrs
- **Efficiency**: 80.2%
- **Emissions**: 1.6 g/h
- **Firebox**: 2.3 cu ft
- **Recommended Log Length**: 18"
- **Viewing Area**: 165 sq in
- **Actual Weight**: 315 lbs

**Configurations**

- **4300 STEP TOP PEDESTAL BASE ASH PAN**
- **4300 STEP TOP QUEEN ANNE LEGS ASH PAN**
- **4300 STEP TOP TRADITIONAL LEGS**
4300 MILLENNIUM

Max. Burn Time: 12 hrs
Efficiency: 80.2%

Heating Capacity: 1,100-3,000 sq ft

Emissions: 1.6 g/h

Firebox: 2.3 cu ft

Recommended Log Length: 18"

Viewing Area: 165 sq in

Actual Weight: 315 lbs

Peak BTU/Hr Output: 61,700
3100 MILLENNIUM

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

Peak BTU/Hr Output: 51,000
2100 MILLENNIUM

- Peak BTU/Hr Output: 44,400
- Heating Capacity: 800-2,100 sq ft
- Max. Burn Time: 7 hrs
- Efficiency: 82.3%
- Emissions: 1.7 g/hr
- Fireplace: 1.5 cu ft
- Recommended Log Length: 16"
- Viewing Area: 125 sq in
- Actual Weight: 260 lbs
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
# Stove Comparison

<table>
<thead>
<tr>
<th></th>
<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>61,700</td>
<td>61,700</td>
<td>51,000</td>
<td>44,400</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 - 2,600 sq ft</td>
<td>1,000 - 2,100 sq ft</td>
<td>800 - 2,100 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>
<td>7 hrs</td>
</tr>
<tr>
<td><strong>Efficiency</strong></td>
<td>80%</td>
<td>80.2%</td>
<td>80.2%</td>
<td>78.3%</td>
<td>82.3%</td>
</tr>
<tr>
<td><strong>Emissions</strong></td>
<td>1.8 g/hr</td>
<td>1.6 g/hr</td>
<td>1.6 g/hr</td>
<td>1.9 g/hr</td>
<td>1.7 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>
<td>1.5 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>
<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>
<td>125 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>
<td>260 lbs</td>
</tr>
</tbody>
</table>
### CLEARANCES TO COMBUSTIBLES

<table>
<thead>
<tr>
<th>STEP TOP SERIES</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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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>
<td>49&quot;</td>
</tr>
<tr>
<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>
<td>49&quot;</td>
</tr>
<tr>
<td>4300 Step Top</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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>2-1/2&quot;</td>
<td>15&quot;</td>
<td>49-1/2&quot;</td>
</tr>
<tr>
<td>Double Wall Pipe</td>
<td>10-1/2&quot;</td>
<td>3-3/4&quot;</td>
<td>25&quot;</td>
<td>12&quot;</td>
<td>2-1/2&quot;</td>
<td>15&quot;</td>
<td>49-1/2&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MILLENNIUM SERIES</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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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>8&quot;</td>
<td>20-1/2&quot;</td>
<td>53-1/2&quot;</td>
</tr>
<tr>
<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>8&quot;</td>
<td>20-1/2&quot;</td>
<td>53-1/2&quot;</td>
</tr>
<tr>
<td>3100 Millennium</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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>
<td>48&quot;</td>
</tr>
<tr>
<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>
<td>48&quot;</td>
</tr>
<tr>
<td>2100 Millennium</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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>
<td>56&quot;</td>
</tr>
<tr>
<td>Double Wall Pipe</td>
<td>11-3/4&quot;</td>
<td>5&quot;</td>
<td>23&quot;</td>
<td>11-1/2&quot;</td>
<td>7-1/2&quot;</td>
<td>19&quot;</td>
<td>43&quot;</td>
</tr>
</tbody>
</table>

**Step to Ceiling Clearance**

*Follow pipe manufacturer’s clearances as required*

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

### HEARTH PROTECTION

<table>
<thead>
<tr>
<th>Hearthpad Type</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<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.