



STEEL WOOD STOVES

**QUADRA-FIRE**  
NOTHING BURNS LIKE A QUAD

Obadiah's • 406-300-1776

**QUADRA-FIRE®**

# **PERFORMANCE FROM THE BEGINNING**



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**

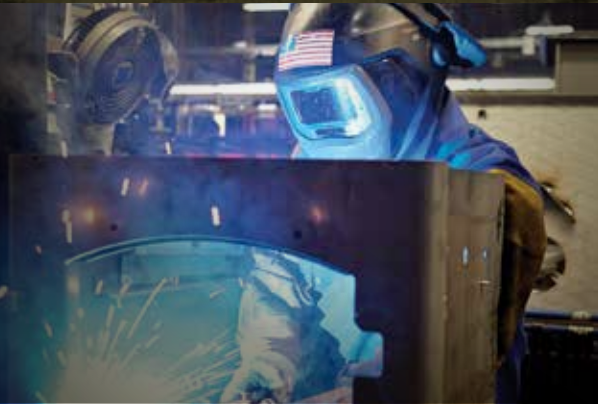
For more than 30 years, Quadra-Fire has put performance and easy operation above all else. Today these ideals are vibrant and alive, blending our past with our present. Quadra-Fire products are proudly built to last by our members.

## **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.**



**COVER:** 3100 LIMITED EDITION SHOWN WITH CUSTOM TILE

## QUADRA-FIRE STEEL WOOD STOVES

Powerful and efficient, with EPA-certified performance, Quadra-Fire steel wood stoves are built to last in durable plate steel.

### 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.

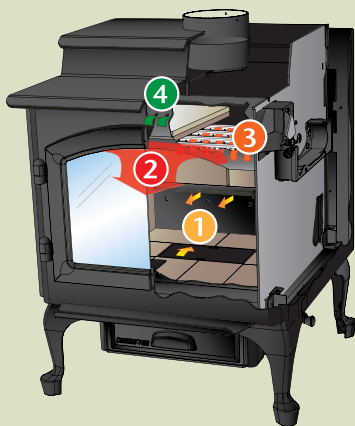


## EXCLUSIVE TECHNOLOGIES

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.

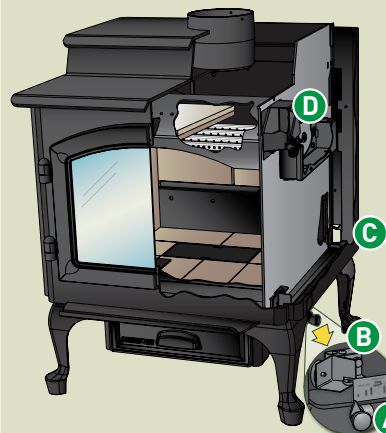
#### 3. TERTIARY BURN ZONE

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 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.

## 5700 STEP TOP



5700 STEP TOP SHOWN WITH ARCHED DOOR, SATIN NICKEL TRIM AND SATIN NICKEL QUEEN ANNE LEGS

Peak  
BTU/Hr Output<sup>1</sup>  
**76,200**

Heating Capacity<sup>2</sup>  
**1,400-3,700**  
sq. ft.

Max. Burn Time<sup>3</sup>  
**15 hrs**

Efficiency<sup>5</sup>  
**77.9%**

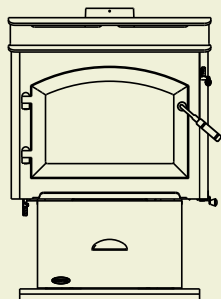
Emissions  
**2.3 g/h**

Firebox  
**3.0 cu. ft.**

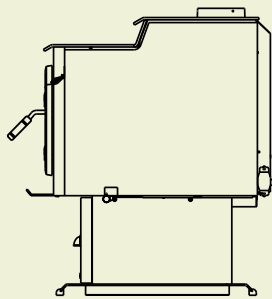
Recommended  
Log Length  
**22"**

Viewing Area  
**187 sq. in.**

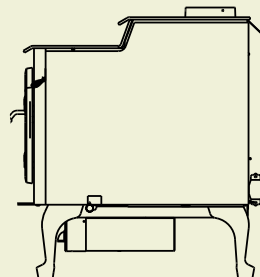
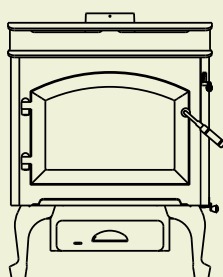
Actual Weight  
**434 lbs**



5700 STEP TOP » PEDESTAL BASE



5700 STEP TOP » QUEEN ANNE LEGS



STANDARD ASH  
PAN WITH LEGS OR  
PEDESTAL

## 4300 STEP TOP



4300 STEP TOP SHOWN WITH ARCHED DOOR, SATIN NICKEL TRIM AND BLACK QUEEN ANNE LEGS

Peak  
BTU/Hr Output<sup>1</sup>  
**63,700**

Heating Capacity<sup>2</sup>  
**1,100-3,000**  
sq. ft.

Max. Burn Time<sup>3</sup>  
**12 hrs**

Efficiency<sup>5</sup>  
**80.2%**

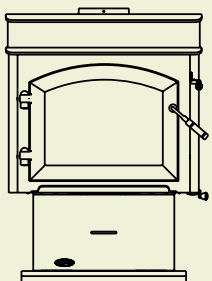
Emissions  
**1.0 g/h**

Firebox  
**2.3 cu. ft.**

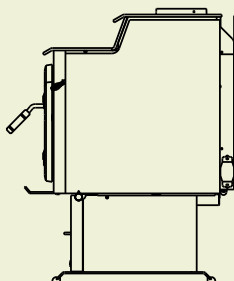
Recommended  
Log Length  
**18"**

Viewing Area  
**165 sq. in.**

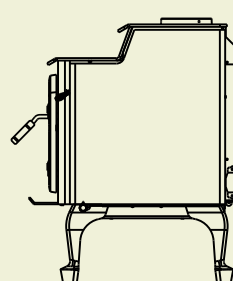
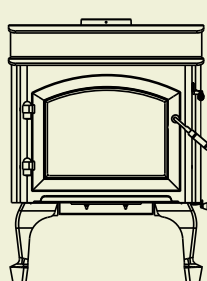
Actual Weight  
**315 lbs**



4300 STEP TOP » PEDESTAL BASE



4300 STEP TOP » QUEEN ANNE LEGS



STANDARD ASH  
PAN WITH LEGS OR  
PEDESTAL

## 3100 STEP TOP



3100 STEP TOP SHOWN WITH ARCHED DOOR AND SATIN NICKEL TRIM

Peak  
BTU/Hr Output<sup>1</sup>  
**57,200**

Heating Capacity<sup>2</sup>  
**1,000-2,600**  
sq. ft.

Max. Burn Time<sup>3</sup>  
**10 hrs**

Efficiency<sup>5</sup>  
**79.9%**

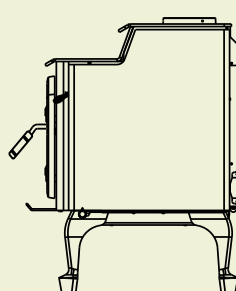
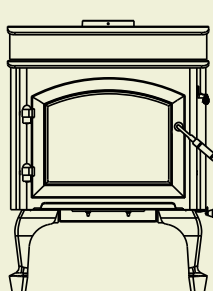
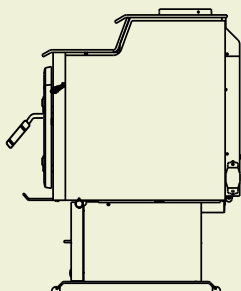
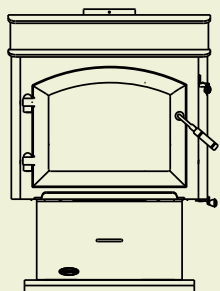
Emissions  
**1.1 g/h**

Firebox  
**2.0 cu. ft.**

Recommended  
Log Length  
**16"**

Viewing Area  
**165 sq. in.**

Actual Weight  
**285 lbs**



3100 STEP TOP » PEDESTAL BASE

3100 STEP TOP » QUEEN ANNE LEGS



STANDARD ASH  
PAN WITH LEGS OR  
PEDESTAL

## 3100 LIMITED EDITION



3100 LIMITED EDITION SHOWN WITH CUSTOM TILE

Peak  
BTU/Hr Output<sup>1</sup>  
**57,200**

Heating Capacity<sup>2</sup>  
**1,000-2,600**

Max. Burn Time<sup>3</sup>  
**10 hrs**

Efficiency<sup>5</sup>  
**79.9%**

Emissions  
**1.1 g/hr**

Firebox  
**2.0 cu. ft.**

Recommended  
Log Length  
**16"**

Viewing Area  
**165 sq. in.**

Actual Weight  
**383 lbs**



3100 LIMITED EDITION  
Shown above without tile kit.

PERSONALIZE YOUR STOVE WITH TILE  
Use any 11-3/4" x 11-3/4" x 3/8" ceramic tile, available at any tile and flooring retailer.

## 4300 MILLENNIUM



4300 MILLENNIUM SHOWN STANDARD

Peak  
BTU/Hr Output<sup>1</sup>  
**63,700**

Heating Capacity<sup>2</sup>  
**1,100-3,000**  
sq. ft.

Max. Burn Time<sup>3</sup>  
**12 hrs**

Efficiency<sup>5</sup>  
**80.2%**

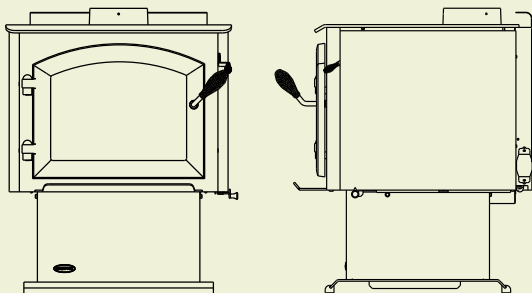
Emissions  
**1.0 g/h**

Firebox  
**2.3 cu. ft.**

Recommended  
Log Length  
**18"**

Viewing Area  
**165 sq. in.**

Actual Weight  
**315 lbs**



4300 MILLENNIUM

# 4300

## 3100 MILLENNIUM



3100 MILLENNIUM SHOWN OPTIONAL  
GOLD SPRING HANDLE & HINGE PINS

Peak  
BTU/Hr Output<sup>1</sup>  
**57,200**

Heating Capacity<sup>2</sup>  
**1,000-2,600**  
sq. ft.

Max. Burn Time<sup>3</sup>  
**10 hrs**

Efficiency<sup>5</sup>  
**79.9 %**

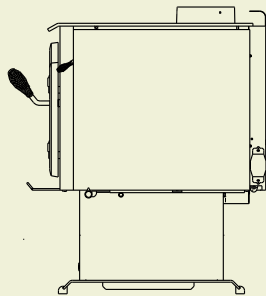
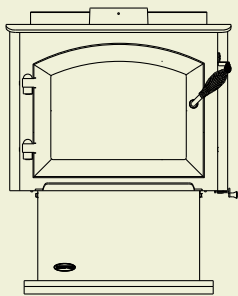
Emissions  
**1.1 g/h**

Firebox  
**2.0 cu. ft.**

Recommended  
Log Length  
**16"**

Viewing Area  
**165 sq. in.**

Actual Weight  
**285 lbs**



3100 MILLENNIUM

# 3100

## 2100 MILLENNIUM



2100 MILLENNIUM SHOWN STANDARD

Peak  
BTU/Hr Output<sup>1</sup>  
**44,000**

Heating Capacity<sup>2</sup>  
**800-2,100**

Max. Burn Time<sup>3</sup>  
**7 hrs**

Efficiency<sup>5</sup>  
**78.7%**

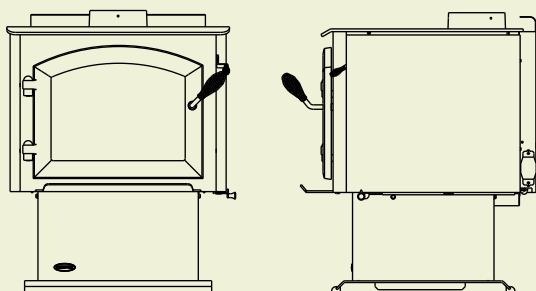
Emissions  
**2.1 g/hr**

Firebox  
**1.46 cu. ft.**

Recommended  
Log Length  
**16"**

Viewing Area  
**125 sq. in.**

Actual Weight  
**260 lbs**



2100 MILLENNIUM

# 2100

## ACCESSORIES



**QUEEN ANNE LEGS**  
IN BLACK OR SATIN NICKEL  
FOR STEP TOP STOVES



**PEDESTAL BASE**  
FOR STEP TOP STOVES



**ARCHED DOOR TRIM**  
IN BLACK OR SATIN NICKEL  
TRIM FOR STEP TOP STOVES



**RECTANGULAR DOOR**  
FOR 4300 STEP TOP  
& 3100 STEP TOP



**DOOR UPGRADE KIT**  
HINGE PINS & SPRING HANDLE  
IN BLACK, SATIN NICKEL OR  
GOLD FOR ALL STOVES



**FAN KIT**  
ALL STOVES

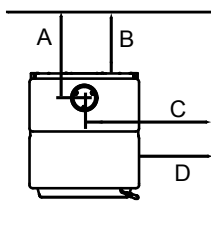
## STOVE COMPARISON

| 5700<br>STEP TOP                                               | 4300<br>STEP TOP                                               | 3100<br>STEP TOP                                               | 3100<br>LIMITED EDITION                                        | 4300<br>MILLENNIUM                                             | 3100<br>MILLENNIUM                                             | 2100<br>MILLENNIUM                                           |
|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|--------------------------------------------------------------|
|                                                                |                                                                |                                                                |                                                                |                                                                |                                                                |                                                              |
| <b>PEAK BTU/HR OUTPUT<sup>1</sup></b><br>» 76,200              | <b>PEAK BTU/HR OUTPUT<sup>1</sup></b><br>» 63,700              | <b>PEAK BTU/HR OUTPUT<sup>1</sup></b><br>» 57,200              | <b>PEAK BTU/HR OUTPUT<sup>1</sup></b><br>» 57,200              | <b>PEAK BTU/HR OUTPUT<sup>1</sup></b><br>» 63,700              | <b>PEAK BTU/HR OUTPUT<sup>1</sup></b><br>» 57,200              | <b>PEAK BTU/HR OUTPUT<sup>1</sup></b><br>» 44,000            |
| <b>HEATING CAPACITY<sup>2</sup></b><br>» 1,400 - 3,700 sq. ft. | <b>HEATING CAPACITY<sup>2</sup></b><br>» 1,100 - 3,000 sq. ft. | <b>HEATING CAPACITY<sup>2</sup></b><br>» 1,000 - 2,600 sq. ft. | <b>HEATING CAPACITY<sup>2</sup></b><br>» 1,000 - 2,600 sq. ft. | <b>HEATING CAPACITY<sup>2</sup></b><br>» 1,100 - 3,000 sq. ft. | <b>HEATING CAPACITY<sup>2</sup></b><br>» 1,000 - 2,600 sq. ft. | <b>HEATING CAPACITY<sup>2</sup></b><br>» 800 - 2,100 sq. ft. |
| <b>MAXIMUM BURN TIME<sup>3</sup></b><br>» 15 hrs               | <b>MAXIMUM BURN TIME<sup>3</sup></b><br>» 12 hrs               | <b>MAXIMUM BURN TIME<sup>3</sup></b><br>» 10 hrs               | <b>MAXIMUM BURN TIME<sup>3</sup></b><br>» 10 hrs               | <b>MAXIMUM BURN TIME<sup>3</sup></b><br>» 12 hrs               | <b>MAXIMUM BURN TIME<sup>3</sup></b><br>» 10 hrs               | <b>MAXIMUM BURN TIME<sup>3</sup></b><br>» 7 hrs              |
| <b>EFFICIENCY<sup>5</sup></b><br>» 77.9%                       | <b>EFFICIENCY<sup>5</sup></b><br>» 80.2%                       | <b>EFFICIENCY<sup>5</sup></b><br>» 79.9%                       | <b>EFFICIENCY<sup>5</sup></b><br>» 79.9%                       | <b>EFFICIENCY<sup>5</sup></b><br>» 80.2%                       | <b>EFFICIENCY<sup>5</sup></b><br>» 79.9%                       | <b>EFFICIENCY<sup>5</sup></b><br>» 78.7%                     |
| <b>EMISSIONS</b><br>» 2.3 g/hr                                 | <b>EMISSIONS</b><br>» 1.0 g/hr                                 | <b>EMISSIONS</b><br>» 1.1 g/hr                                 | <b>EMISSIONS</b><br>» 1.1 g/hr                                 | <b>EMISSIONS</b><br>» 1.0 g/hr                                 | <b>EMISSIONS</b><br>» 1.1 g/hr                                 | <b>EMISSIONS</b><br>» 2.1 g/hr                               |
| <b>FIREBOX CAPACITY</b><br>» 3.0 cu. ft.                       | <b>FIREBOX CAPACITY</b><br>» 2.3 cu. ft.                       | <b>FIREBOX CAPACITY</b><br>» 2.0 cu. ft.                       | <b>FIREBOX CAPACITY</b><br>» 2.0 cu. ft.                       | <b>FIREBOX CAPACITY</b><br>» 2.3 cu. ft.                       | <b>FIREBOX CAPACITY</b><br>» 2.0 cu. ft.                       | <b>FIREBOX CAPACITY</b><br>» 1.46 cu. ft.                    |
| <b>RECOMMENDED LOG LENGTH</b><br>» 22" max.                    | <b>RECOMMENDED LOG LENGTH</b><br>» 18" max.                    | <b>RECOMMENDED LOG LENGTH</b><br>» 16" max.                    | <b>RECOMMENDED LOG LENGTH</b><br>» 16" max.                    | <b>RECOMMENDED LOG LENGTH</b><br>» 18" max.                    | <b>RECOMMENDED LOG LENGTH</b><br>» 16" max.                    | <b>RECOMMENDED LOG LENGTH</b><br>» 16" max.                  |
| <b>VIEWING AREA</b><br>» 187 sq. in.                           | <b>VIEWING AREA</b><br>» 165 sq. in.                           | <b>VIEWING AREA</b><br>» 165 sq. in.                           | <b>VIEWING AREA</b><br>» 165 sq. in.                           | <b>VIEWING AREA</b><br>» 165 sq. in.                           | <b>VIEWING AREA</b><br>» 165 sq. in.                           | <b>VIEWING AREA</b><br>» 125 sq. in.                         |
| <b>ACTUAL WEIGHT</b><br>» 434 lbs                              | <b>ACTUAL WEIGHT</b><br>» 315 lbs                              | <b>ACTUAL WEIGHT</b><br>» 285 lbs                              | <b>ACTUAL WEIGHT</b><br>» 383 lbs                              | <b>ACTUAL WEIGHT</b><br>» 315 lbs                              | <b>ACTUAL WEIGHT</b><br>» 285 lbs                              | <b>ACTUAL WEIGHT</b><br>» 260 lbs                            |

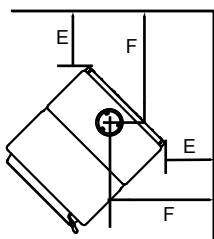
## CLEARANCES TO COMBUSTIBLES

| STEP TOP SERIES      |                  | A       | B       | C       | D       | E      | F       | G       |
|----------------------|------------------|---------|---------|---------|---------|--------|---------|---------|
| 5700 Step Top        | Single Wall Pipe | 15-1/2" | 10-1/2" | 28-1/2" | 15"     | 2"     | 15"     | 45"     |
|                      | Double Wall Pipe | 12-1/2" | 7-1/2"  | 28-1/2" | 15"     | 2"     | 15"     | 45"     |
| 4300 Step Top        | Single Wall Pipe | 18-1/2" | 11-3/4" | 27-1/2" | 14-1/2" | 2"     | 15"     | 49-1/2" |
|                      | Double Wall Pipe | 10-1/2" | 3-3/4"  | 25"     | 11-3/4" | 2"     | 15"     | 49-1/2" |
| 3100 Step Top        | Single Wall Pipe | 15"     | 8-1/2"  | 25"     | 12-1/2" | 5-1/2" | 17-1/2" | 48"     |
|                      | Double Wall Pipe | 13"     | 6"      | 23-1/2" | 11"     | 4"     | 16"     | 48"     |
| MILLENNIUM SERIES    |                  | A       | B       | C       | D       | E      | F       | G       |
| 3100 Limited Edition | Single Wall Pipe | 18-1/4" | 11-3/4" | 28-1/2" | 16"     | 8"     | 20"     | 48"     |
|                      | Double Wall Pipe | 13-1/2" | 6-1/2"  | 25"     | 13"     | 6-1/2" | 18-1/2" | 48"     |
| 4300 Millennium      | Single Wall Pipe | 18-1/2" | 11-3/4" | 27-1/2" | 14-1/2" | 10"    | 20-1/2" | 53-1/2" |
|                      | Double Wall Pipe | 12"     | 5-1/4"  | 27-1/2" | 14-1/2" | 10"    | 20-1/2" | 53-1/2" |
| 3100 Millennium      | Single Wall Pipe | 18-1/4" | 11-3/4" | 28-1/2" | 16"     | 8"     | 20"     | 48"     |
|                      | Double Wall Pipe | 13-1/2" | 6-1/2"  | 25"     | 13"     | 6-1/2" | 18-1/2" | 48"     |
| 2100 Millennium      | Single Wall Pipe | 18"     | 11"     | 24-1/2" | 13"     | 8-1/2" | 20"     | 56"     |
|                      | Double Wall Pipe | 11-3/4" | 5-3/4"  | 23"     | 10-1/2" | 7-1/2" | 19"     | 43"     |

Backwall / Sidewall

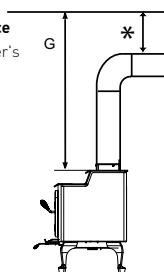


Corner Installation



STEP TOP SERIES

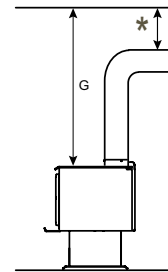
Stove to Ceiling Clearance  
\*Follow pipe manufacturer's clearances as required



MILLENNIUM SERIES

Stove to Ceiling Clearance  
\*Follow pipe manufacturer's clearances as required

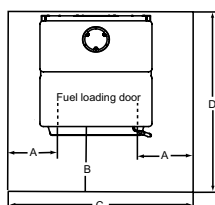
Note: 2100 Millennium requires minimum 2" vertical pipe off stove top



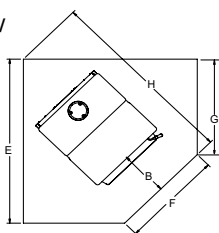
## HEARTH PROTECTION

|                      | Hearthpad Type | A  | B   | C       | D       | E       | F       | G       | H       | I       | J       | K       |
|----------------------|----------------|----|-----|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| 5700 Step Top        | Type II        | 8" | 16" | 33-5/8" | 44-7/8" | 53-7/8" | 33-5/8" | 30-1/8" | 59-1/2" | 53-7/8" | 30-1/8" | 59-1/2" |
| 4300 Step Top        | Type I         | 8" | 16" | 31-5/8" | 41"     | 49"     | 27-3/8" | 29-1/2" | 55-1/2" | 49"     | 29-1/2" | 55-1/2" |
| 3100 Step Top        | See Note       | 8" | 16" | 31-5/8" | 39"     | 48-1/2" | 31-5/8" | 29"     | 55"     | 50"     | 30-3/4" | 57-1/8" |
| 3100 Limited Edition | Type I         | 8" | 16" | 31-5/8" | 39"     | 51"     | 31-5/8" | 31-3/4" | 58-1/2" | 52-1/2" | 33-1/4" | 60-5/8" |
| 4300 Millennium      | Type I         | 8" | 16" | 31-5/8" | 41"     | 56-3/8" | 27-3/8" | 37"     | 68"     | 56-3/8" | 37"     | 68"     |
| 3100 Millennium      | Type I         | 8" | 16" | 31-5/8" | 39"     | 51"     | 31-5/8" | 31-3/4" | 58-1/2" | 52-1/2" | 33-1/4" | 60-5/8" |
| 2100 Millennium      | Type I         | 8" | 16" | 29-5/8" | 39"     | 50-5/8" | 25-3/8" | 32-7/8" | 59-1/4" | 51-7/8" | 33-7/8" | 60-5/8" |

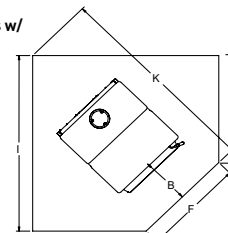
Standard Dimensions



Corner Dimensions w/  
Double Wall Pipe



Corner Dimensions w/  
Single Wall Pipe



Note: 3100 Step Top with Pedestal - Type I  
3100 Step Top with Legs - Type II

Available From:

**QUADRA-FIRE®**  
NOTHING BURNS LIKE A QUAD

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### Limited Lifetime Warranty<sup>4</sup>

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

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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 burns if touched. Keep a safe distance away. To learn more visit www.quadrafire.com/fireplacesafety

QDF-1062U-0915