



STEEL WOOD STOVES

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

**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:** 5700 STEP TOP SHOWN WITH OPTIONAL SATIN NICKEL QUEEN ANNE LEGS AND SATIN NICKEL DOOR TRIM

# QUADRA-FIRE STEEL WOOD STOVES

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.

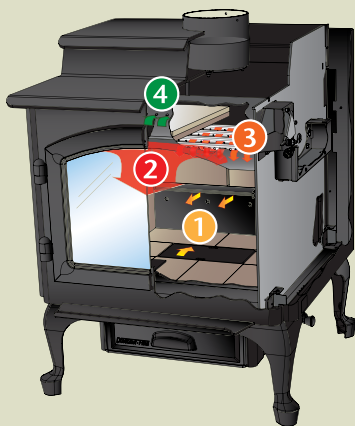


## EXCLUSIVE TECHNOLOGIES

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.

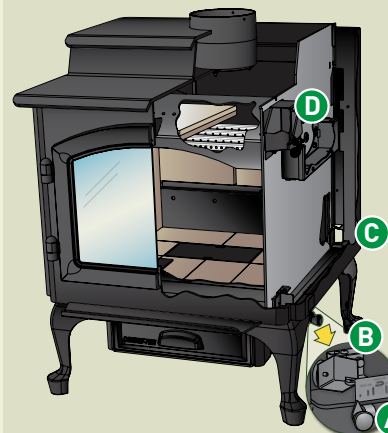
#### 3. TERTIARY BURN ZONE

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.

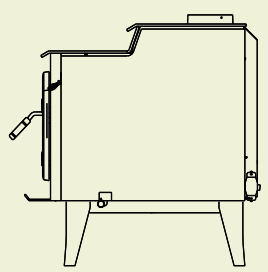
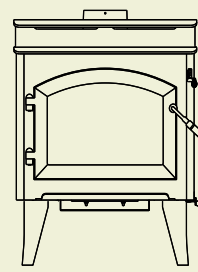
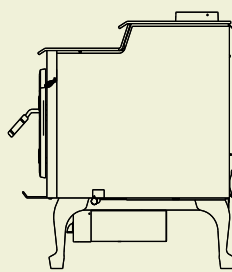
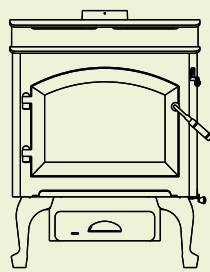
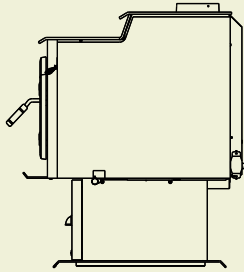
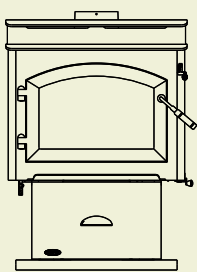
**D. BURN RATE CONTROL** Controls the airflow feeding the fire, also controls your comfort.

# 5700 STEP TOP



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

Peak BTU/Hr Output <sup>1</sup> <b>76,200</b>	Heating Capacity <sup>2</sup> <b>1,400-3,700</b> sq ft	Max. Burn Time <sup>3</sup> <b>15 hrs</b>	Efficiency <sup>5</sup> <b>77.9%</b>	Emissions <b>2.3 g/h</b>	Firebox <b>3.0 cu ft</b>	Recommended Log Length <b>22"</b>	Viewing Area <b>187 sq in</b>	Actual Weight <b>434 lbs</b>
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5700 STEP TOP » PEDESTAL BASE » ASH PAN

5700 STEP TOP » QUEEN ANNE LEGS » ASH PAN

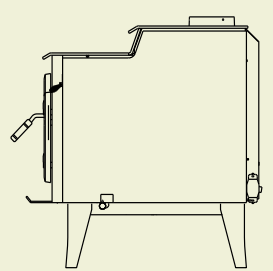
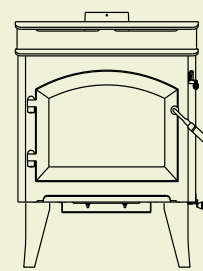
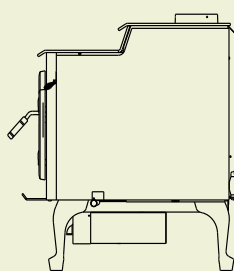
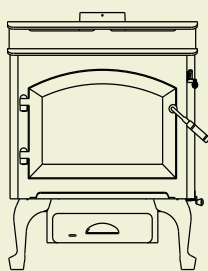
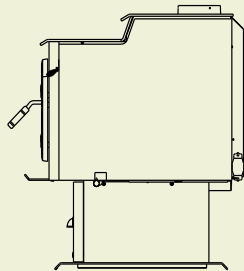
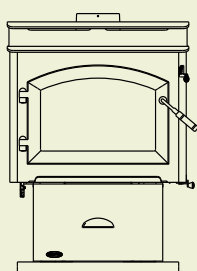
5700 STEP TOP » TRADITIONAL LEGS

# 4300 STEP TOP



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

Peak BTU/Hr Output <sup>1</sup> <b>63,700</b>	Heating Capacity <sup>2</sup> <b>1,100-3,000</b> sq ft	Max. Burn Time <sup>3</sup> <b>12 hrs</b>	Efficiency <sup>5</sup> <b>80.2%</b>	Emissions <b>1.0 g/h</b>	Firebox <b>2.3 cu ft</b>	Recommended Log Length <b>18"</b>	Viewing Area <b>165 sq in</b>	Actual Weight <b>315 lbs</b>
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4300 STEP TOP » PEDESTAL BASE » ASH PAN

4300 STEP TOP » QUEEN ANNE LEGS » ASH PAN

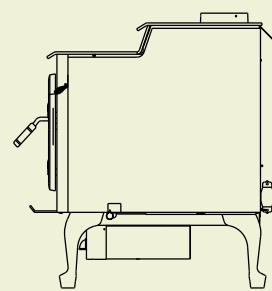
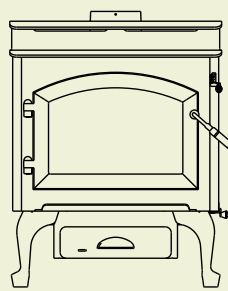
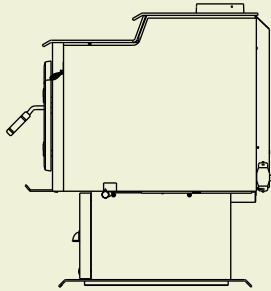
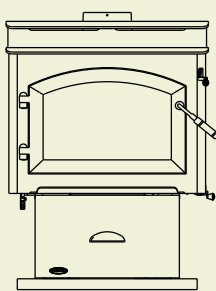
4300 STEP TOP » TRADITIONAL LEGS

# 3100 STEP TOP



3100 STEP TOP SHOWN WITH SATIN NICKEL ARCHED DOOR (INCLUDES SATIN NICKEL HINGE PINS AND AIR CONTROL HANDLE) AND PEDESTAL BASE

Peak BTU/Hr Output <sup>1</sup> <b>57,200</b>	Heating Capacity <sup>2</sup> <b>1,000-2,600</b> sq ft	Max. Burn Time <sup>3</sup> <b>10 hrs</b>	Efficiency <sup>5</sup> <b>79.9%</b>	Emissions <b>1.1 g/h</b>	Firebox <b>2.0 cu ft</b>	Recommended Log Length <b>16"</b>	Viewing Area <b>165 sq in</b>	Actual Weight <b>285 lbs</b>
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3100 STEP TOP » PEDESTAL BASE » ASH PAN

3100 STEP TOP » QUEEN ANNE LEGS » ASH PAN

# 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%**

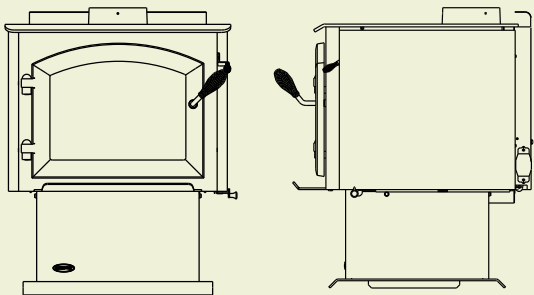
Emissions  
**1.0 g/h**

Firebox  
**2.3 cu ft**

Recommended  
Log Length  
**18"**

Viewing Area  
**165 sq in**

Actual Weight  
**315 lbs**



4300 MILLENNIUM

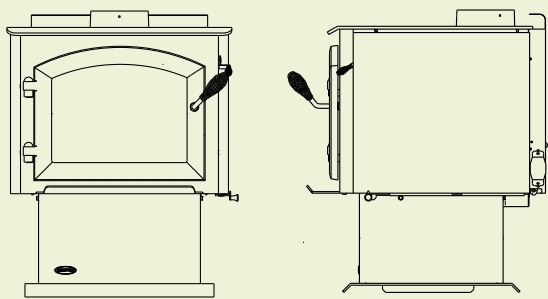
# 4300

# 3100 MILLENNIUM



3100 MILLENNIUM SHOWN STANDARD

Peak BTU/Hr Output <sup>1</sup> <b>57,200</b>	Heating Capacity <sup>2</sup> <b>1,000-2,600</b> sq ft	Max. Burn Time <sup>3</sup> <b>10 hrs</b>	Efficiency <sup>5</sup> <b>79.9 %</b>	Emissions <b>1.1 g/h</b>	Firebox <b>2.0 cu ft</b>	Recommended Log Length <b>16"</b>	Viewing Area <b>165 sq in</b>	Actual Weight <b>285 lbs</b>
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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**  
sq ft

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

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

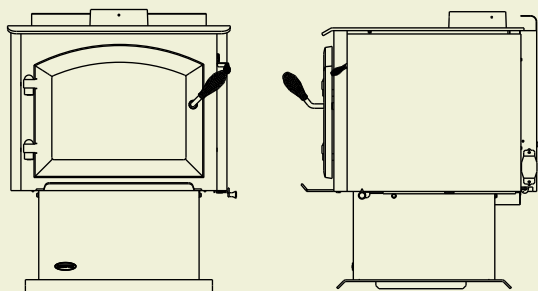
Emissions  
**2.1 g/hr**

Firebox  
**1.4 cu ft**

Recommended  
Log Length  
**16"**

Viewing Area  
**125 sq in**

Actual Weight  
**260 lbs**



2100 MILLENNIUM

# 2100

## ACCESSORIES



*ARCHED DOOR*  
IN BLACK OR SATIN NICKEL  
(INCLUDES MATCHING HINGE PINS  
AND AIR CONTROL HANDLE) FOR  
STEP TOP STOVES



*RECTANGULAR DOOR*  
FOR 4300 AND 3100 STEP TOP STOVES



*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

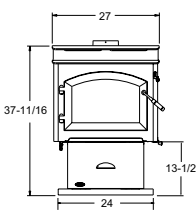
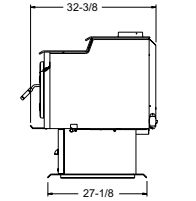
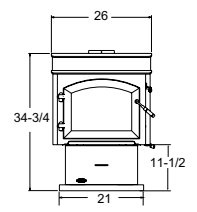
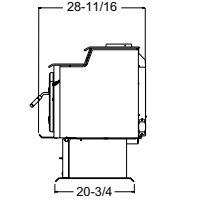
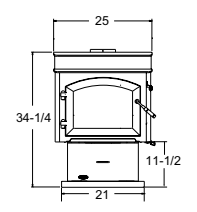
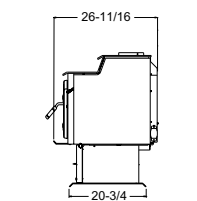
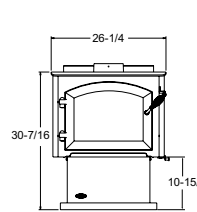
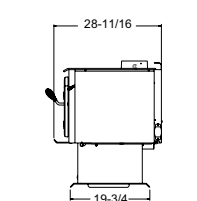
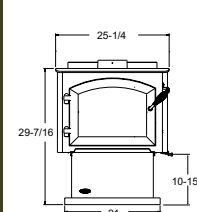
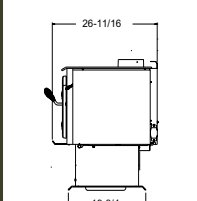
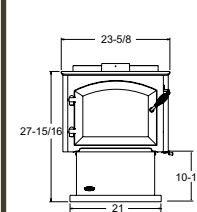
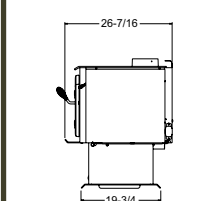


*TRADITIONAL LEGS*  
FOR 5700 AND 4300 STEP TOP ONLY  
(ASH PAN NOT AVAILABLE)



*FAN KIT*  
FOR ALL STOVES

# STOVE COMPARISON

5700 STEP TOP	4300 STEP TOP	3100 STEP TOP	4300 MILLENNIUM	3100 MILLENNIUM	2100 MILLENNIUM
 <p>Height w/Queen Anne Legs: 33-7/8 Height w/Traditional Legs: 33-7/8</p>  <p>Depth w/Queen Anne Legs: 27-9/16 Depth w/Traditional Legs: 25-7/8</p>	 <p>Height w/Queen Anne Legs: 32-7/8 Height w/Traditional Legs: 32-7/8</p>  <p>Depth w/Queen Anne Legs: 23-1/8 Depth w/Traditional Legs: 24-1/4</p>	 <p>Height w/Queen Anne Legs: 33-1/8</p>  <p>Depth w/Queen Anne Legs: 21-1/8</p>	 	 	 
<b>PEAK BTU/HR OUTPUT<sup>1</sup></b> » 76,200	<b>PEAK BTU/HR OUTPUT<sup>1</sup></b> » 63,700	<b>PEAK BTU/HR OUTPUT<sup>1</sup></b> » 57,200	<b>PEAK BTU/HR OUTPUT<sup>1</sup></b> » 63,700	<b>PEAK BTU/HR OUTPUT<sup>1</sup></b> » 57,200	<b>PEAK BTU/HR OUTPUT<sup>1</sup></b> » 44,000
<b>HEATING CAPACITY<sup>2</sup></b> » 1,400 - 3,700 sq ft	<b>HEATING CAPACITY<sup>2</sup></b> » 1,100 - 3,000 sq ft	<b>HEATING CAPACITY<sup>2</sup></b> » 1,000 - 2,600 sq. ft.	<b>HEATING CAPACITY<sup>2</sup></b> » 1,100 - 3,000 sq ft	<b>HEATING CAPACITY<sup>2</sup></b> » 1,000 - 2,600 sq ft	<b>HEATING CAPACITY<sup>2</sup></b> » 800 - 2,100 sq ft
<b>MAXIMUM BURN TIME<sup>3</sup></b> » 15 hrs	<b>MAXIMUM BURN TIME<sup>3</sup></b> » 12 hrs	<b>MAXIMUM BURN TIME<sup>3</sup></b> » 10 hrs	<b>MAXIMUM BURN TIME<sup>3</sup></b> » 12 hrs	<b>MAXIMUM BURN TIME<sup>3</sup></b> » 10 hrs	<b>MAXIMUM BURN TIME<sup>3</sup></b> » 7 hrs
<b>EFFICIENCY<sup>5</sup></b> » 77.9%	<b>EFFICIENCY<sup>5</sup></b> » 80.2%	<b>EFFICIENCY<sup>5</sup></b> » 79.9%	<b>EFFICIENCY<sup>5</sup></b> » 80.2%	<b>EFFICIENCY<sup>5</sup></b> » 79.9%	<b>EFFICIENCY<sup>5</sup></b> » 78.7%
<b>EMISSIONS</b> » 2.3 g/hr	<b>EMISSIONS</b> » 1.0 g/hr	<b>EMISSIONS</b> » 1.1 g/hr	<b>EMISSIONS</b> » 1.0 g/hr	<b>EMISSIONS</b> » 1.1 g/hr	<b>EMISSIONS</b> » 2.1 g/hr
<b>FIREBOX CAPACITY</b> » 3.0 cu ft	<b>FIREBOX CAPACITY</b> » 2.3 cu ft	<b>FIREBOX CAPACITY</b> » 2.0 cu. ft.	<b>FIREBOX CAPACITY</b> » 2.3 cu ft	<b>FIREBOX CAPACITY</b> » 2.0 cu ft	<b>FIREBOX CAPACITY</b> » 1.4 cu ft
<b>RECOMMENDED LOG LENGTH</b> » 22" max.	<b>RECOMMENDED LOG LENGTH</b> » 18" max.	<b>RECOMMENDED LOG LENGTH</b> » 16" max.	<b>RECOMMENDED LOG LENGTH</b> » 18" max.	<b>RECOMMENDED LOG LENGTH</b> » 16" max.	<b>RECOMMENDED LOG LENGTH</b> » 16" max.
<b>VIEWING AREA</b> » 187 sq in	<b>VIEWING AREA</b> » 165 sq in	<b>VIEWING AREA</b> » 165 sq in	<b>VIEWING AREA</b> » 165 sq in	<b>VIEWING AREA</b> » 165 sq in	<b>VIEWING AREA</b> » 125 sq in
<b>ACTUAL WEIGHT</b> » 434 lbs	<b>ACTUAL WEIGHT</b> » 315 lbs	<b>ACTUAL WEIGHT</b> » 285 lbs	<b>ACTUAL WEIGHT</b> » 315 lbs	<b>ACTUAL WEIGHT</b> » 285 lbs	<b>ACTUAL WEIGHT</b> » 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
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

HEARTH PROTECTION												
	Hearthpad Type	A	B	C	D	E	F	G	H	I	J	K
5700 Step Top	Type II*	8"	16"	34-1/4"	45"	53-7/8"	33-1/4"	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"
4300 Millennium	Type I	8"	16"	31-5/8"	41"	56-3/8"	27-3/8"	37"	66"	56-3/8"	37"	66"
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 w/ pedestal-Type I; 3100 Step Top w/ Legs-Type II with a minimum R-value of 1.19.  
\* Type II hearthpad with a minimum R-value of 2.04.

Available From:



www.quadrafire.com | 800-926-4356

### 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.

- facebook.com/QuadraFire
- twitter.com/QuadraFire
- youtube.com/QuadraFirePower

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](http://www.quadrafire.com/fireplacesafety).