

PURE PERFORMANCE



TRADITION OF EXCELLENCE

Quadra-Fire wood stoves are built to last. Our patented four-point combustion technology delivers intense rolling flames, impressive burn times and unmatched efficiency. Easy operating and minimum maintenance make our wood stoves ideal for any home.

We build robust, eco-friendly products, and strive to continue improving. It's our commitment, our tradition and a guiding principle of our company.

For clean, durable and long-lasting performance, turn to Quadra-Fire.

Cover: 5700 Step Top with optional satin nickel Queen Anne legs and door trim.

Above: 3100 Step Top shown with pedestal and optional satin nickel trim door.

WOOD STOVES



MILLENNIUM SERIES

Millennium Wood Stoves provide powerful everyday performance and long, clean, efficient burns. These amazingly durable stoves feature thick plate steel, heavy duty hinges and a fully-welded, brick-lined firebox for years of reliable operation. A large, arched door opening and front-to-back wood loading promote safety, and our Automatic Combustion Control (ACC) ensures easy lighting.



CAST IRON SERIES

Our Cast Iron Series of wood stoves elevate four-point combustion technology to a whole new level. Let the fire burn, and simply relax as heat continues to radiate throughout the room for hours after the flames go out. Retained heat from time-tested cast iron extends heating performance and bolsters efficiency.



STEP TOP SERIES

Step Top Wood-burning Stoves delivers maximum efficiency and a cleaner burn with Quadra-Fire's patented Four Point combustion system. Automatic Combustion Control(ACC) delivers convenient and advanced heating control for ideal comfort. Best of all, the ash removal system makes clean-up a snap. Customize your stove with gold or satin nickel door trims and matching Queen Anne legs - or choose the sturdy black pedestal.

FOUR FIRES

The patented four-point combustion system that gives Quadra-Fire its name achieves its secondary burn process (in other words, burns the smoke) in four distinct zones of the firebox. This results in cleaner air, less chimney maintenance and fewer trips to the wood pile.



- 1. HOT FAST FIRES Air flows into the heart of the fire.
- **2. CLEAR VIEW** Shield of air behind door aids combustion and keeps glass clean.
- **3. AMAZING CEILING OF FIRE** Superheated air ignites flammable gases rising from the wood.
- **4. SUPER CLEAN BURN** Remaining impurities are burned above the baffle before they can escape up the chimney.



3100 MILLENNIUM

The 3100 Millennium wood stove is designed to deliver powerful performance every day. The durable construction features a fully welded, brick-lined firebox with thick plate steel and heavy duty hinges. Combined with Quadra-Fire's exclusive Automatic Combustion Control (ACC) technology, precision airflow management is delivered for longer, cleaner and more efficient burns. The 3100 Millennium allows you to load, light, and live providing the right heat at the right time.

Above: 3100 Millennium shown with gold spring handle and hinge pins.

MILLENNIUM SERIES



2100 MILLENNIUM

The 2100 Millennium wood stove features a compact design with high heat output and solid performance. Featuring Automatic Combustion Control (ACC), the 2100 Millennium offers the best combination of heat and burn time for each load of wood at the optimum efficiency. The patented fourpoint combustion technology burns the wood gasses and smoke for a cleaner, more efficient burn than ever before.



4300 MILLENNIUM

The simple design of the 4300 Millennium wood stove allows it to fit comfortably into any room. The 4300 Millennium combines durable construction with true performance. The Automatic Combustion Control (ACC) offers more controllable heat output, cleaner emissions, and higher efficiency. The 4300 Millennium is a welcome addition to any home.

AUTOMATIC COMBUSTION CONTROL

Automatic Combustion Control (ACC) technology "feeds the fire" by providing air when it's needed the most, and then steadily controls it. Simple levers on the stove or insert provide airflow into the firebox for easier start-ups and reloading. Then automatic timers slowly reduce the flow of air, maintaining a clean-burning, efficient fire with little to no interaction from the homeowner. Now heating with wood is more convenient than ever.

MILLENNIUM SERIES STANDARD FEATURES

- High temperature classic black finish with black accents
- Pedestal
- Precision air controls with labels for easy operation
- Automatic Combustion Control for easy lighting
- Patented four-point Quadra-Fire combustion system
- Durable welded steel construction
- Convection heat shields
- Easy & safe front-to-back log loading
- Mobile home approved

MILLENNIUM SERIES OPTIONS

- Door upgrade kit in satin nickel or gold (spring handle & hinge pins)
- Convection blower with adjustable speed and temperature switch [160 cfm]
- Outside air kit







5700 STEP TOP

The largest freestanding wood stove 5700 Step Top delivers high efficiency and low emissions. Featuring exclusive Automatic Combustion Control (ACC) technology, the 5700 Step Top makes starting the fire easy, lengthens burn times, and delivers powerful heat for years and years. The durable steel construction, standard ash removal system and patented four-point combustion technology ensures that the 5700 Step Top will meet the heating needs in any home.

Above: 5700 Step Top with optional satin nickel Queen Anne legs and door trim.

STEP TOP SERIES





3100 STEP TOP

The 3100 Step Top offers Automatic Combustion Control (ACC) technology for more consistent heat with less attention needed from you. The traditional styling of the 3100 Step Top can be customized with a choice of gold or satin nickel door trims, matching Queen Anne legs, or a sturdy black pedestal. Loaded with a standard ash removal system, the 3100 Step Top gives you all the charm of a wood stove without all the fuss.

4300 STOP TOP

The 4300 Step Top offers Automatic Combustion Control (ACC) technology for more consistent heat with less attention needed – we like to call it the Load, Light, Live advantage. The traditional styling of the 4300 Step Top can be customized with a choice of gold or satin nickel door trims, matching Queen Anne legs, or a sturdy black pedestal. With its standard ash removal system, the 4300 Step Top gives you all the charm of a wood stove without all the fuss.

AUTOMATIC COMBUSTION CONTROL

Automatic Combustion Control (ACC) technology "feeds the fire" by providing air when it's needed the most, and then steadily controls it. Simple levers on the stove or insert provide airflow into the firebox for easier start-ups and reloading. Then automatic timers slowly reduce the flow of air, maintaining a clean-burning, efficient fire with little to no interaction from the homeowner. Now heating with wood is more convenient than ever.

STEP TOP SERIES STANDARD FEATURES

- High temperature classic black finish with gold accents
- Precision air controls with labels for easy operation
- Automatic Combustion Control for easy lighting
- Ash removal system
- Patented four-point Quadra-Fire combustion system
- Durable welded steel construction
- Convection heat shields
- Easy & safe front-to-back log loading
- Mobile home approved

STEP TOP SERIES OPTIONS

- Arched cast iron door in classic black, gold trim or satin nickel trim
- Rectangular door in classic black (3100 & 4300)
- Pedestal base
- Queen Anne legs in black, gold, or satin nickel
- Door upgrade kit in satin nickel (includes spring handles & hinge pins)
- Convection blower with adjustable speed and temp.e switch (160 cfm)
- Outside air kit







CUMBERLAND GAP

Vintage cast iron styling with cabinet front doors make the Cumberland Gap one of the most striking high-performance stoves on the market. And the patented Four-Point Combustion System allows you to burn the exhaust 4 times, making the most out of your wood. Enjoy vivid, rolling flames and a side door for safe wood loading. In matte black or mahogany porcelain finish.

Above: Cumberland Gap in mahogany porcelain finish

CAST IRON SERIES



Isle Royale shown above in classic black with optional warming shelves & shelf brackets.

YOSEMITE

The Yosemite gives you furniture-quality cast iron craftsmanship alongside smart innovations. This clean-burning stove features our patented Four-Point Combustion, which lets you burn the exhaust 4 times while creating a beautiful rolling fire. In matte black or mahogany porcelain finish.

ISLE ROYALE

The handsome Isle Royale features exquisite cast iron craftsmanship alongside advanced engineering that lets you squeeze every BTU of heat out of your wood. The patented 4-point Quadra-fire burn allows you to burn the exhaust 4 times while creating a beautiful rolling fire. Expect stunning flames, a clean burn and your choice of finishes: matte black or porcelain mahogany

ADVANCED COMBUSTION TECHNOLOGY

Advanced Combustion Technology (ACT) provides rapid responsiveness and maximum heat control, and creates the high efficiency and clean burn that makes Quadra-Fire famous.

CAST IRON SERIES STANDARD FEATURES

- Additional side-load door (Yosemite & Cumberland Gap only)
- Top-load door (Isle Royale only)
- Classic black finish
- Safe-touch handles
- Welded steel firebox (Yosemite & Cumberland Gap only)
- Top or rear vent
- Patented four-point Quadra-Fire combustion system
- Ash removal system
- Mobile home approved

CAST IRON SERIES OPTIONS

- Mahogany porcelain finish
- Firescreen
- Outside air kit
- Convection blower with adjustable speed (160 cfm)
- Warming shelves (Isle Royale only)
- Warming shelf brackets and mitten rods in gold or black (Isle Royale only)





TECHNICAL INFORMATION

),	W00I) STOV	ES SP	ECIFIC	CATION	NS				
		Technic	cal Data				Perfor	mance		
	Width (inches)	Height (inches)	Depth (inches)	Weight (lbs)	Peak Btu/hr* (On High)	Max. Burn Time (On Low)	Firebox Capacity (cu. ft.)	Max. Log Length	Emissions (g/hr)	Efficiency
2100 Millenium	26-7/16	27-15/16	23-3/8	300	40,800	7-9 hrs	1.46	16"	2.1	78.5%
3100 Millenium	25	30	26-11/16	325	51,100	10-12 hrs	2.0	18"/ 16" Ideal	1.1	77.2%
4300 Millenium	26	31	28-11/16	355	56,000	12-14 hrs	2.4	20"/ 18" Ideal	1.1	90.6%
3100 Step Top	25	34-1/4	26-11/16	325	51,100	10-12 hrs	2.0	18"/ 16" Ideal	1.1	78.7%
4300 Step Top	26	34-3/4	28-11/16	355	56,000	12-14 hrs	2.4	20"/ 18" Ideal	1.1	90.6%
5700 Step Top	27	37-11/16	32-3/8	484	70,300	15-21 hrs	3.00	24"/ 22" Ideal	2.3	86%
Yosemite	25-5/8	24-5/16	25	365	42,500	7-9 hrs	1.45	18"	2.69	79.7%
Cumberland Gap	27-7/8	27-11/16	27-15/16	462	63,900	13-15 hrs	2.39	20"	3.44	79.3%
Isle Royale	29	30	24-5/8	480	66,700	14-19 hrs	3.0	22"	2.9	82.8%

HEATING CAPACITY*									
	2100 Millenium	3100 Millenium	4300 Millenium	3100 Step Top	4300 Step Top	5700 Step Top	Yosemite	Cumberland Gap	Isle Royale
Peak BTU/Hr Output	40,800	51,100	56,000	51,100	56,000	70,300	42,500	63,900	66,700
Heating Capacity* (Sq. ft.)	Up to 2,100	Up to 2,600	Up to 3,000	Up to 2,700	Up to 3,000	Up to 3,700	Up to 2,200	Up to 3,400	Up to 3,400

^{*}Represents a well insulated home with low ceilings in a mild climate. Heating capacity (in square feet) is a guideline only and may differ slightly due to climate, building construction and condition, amount and quality of insulation, location of the heater, and air movement in the room.

Btus: 1st hour output @ 63%. Btus will vary depending on the type of fuel used and moisture content of the fuel.

MILLENIUM SERIES CLEARANCES

Model	Clearances						
)		Full Vertical		Horizontal*		Alcove	
ennium		Single Wall	Double Wall	Single Wall	Double Wall	Double Wall	
Do	Α	15	8.75	14	9.5	9.5	
	В	11	5.75	10	5.5	5.5	
	С	21.5	20	20.5	21.5	21.5	
1	D	13	10.5	12	13	13	
772	Е	8.5	7.5	8.5	7.5	N/A	



2100 Mille

	Full Vertical	or Horizontal*	90° El	90° Elbow**		
	Single Wall	Double Wall	Single Wall	Double Wall	Double Wall	
Α	15.25	10.5	12	8	11.75	
В	11.75	6.5	8.5	4.5	8.25	
С	25.5	22	22	17.5	23.5	
D	16	13	13	8.5	14.5	
E	8	6.5	8	6.5	N/A	
F	17	15.5	17	15.5	N/A	
G	48	48	48	48	48	
Н	12	9	12	9	+	



	Full Vertical c	r Horizontal*	90° Elbow**	Alcove
	Single Wall	Double Wall	Double Wall	Double Wall
Α	15.5	9	8.5	13
В	11.75	5.25	6	10
С	24.5	24.5	24.5	24.5
D	14.5	14.5	15	14.5
E	10	10	10	N/A
	17.5	17.5	17.5	N/A
G	53.5	53.5	53.5	53.5
Н	12	12	N/A	12

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





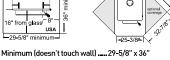






Floor Protection





Recommended (touches wall) ____ 29-5/8" x 41-3/4" ...50-3/4" x 50-3/4" Corner (touches wall)





Minimum (doesn't touch wall) ____31-5/8" x 39-5/8" Recommended (touches wall) 31-5/8" x 46-1/8" ..51-1/16" x 51-1/16" Corner (touches wall) ...





Minimum (doesn't touch wall) 31-5/8" x 41-3/8" Recommended (touches wall) 31-5/8" x 46-5/8" Corner (touches wall) ____56-5/16" x 56-5/16"



Note: Protection must extend 2" beyond each

USA - Required, Canada - recommended

TED TOD CEDIES OF ENDANCES

SILF TOF SERIES CELARANCES							
Model				Cle	arances		
3100	_						
		Full Vertical or Horizontal*		90° Elbow**		Alcove	
Step Top		Single Wall	Double Wall	Single Wall	Double Wall	Double Wall	
	Α	12	10	10	10	10	
	В	8.5	6	6	6	6.5	

	Full Vertical or Horizontal*		90° El	Alcove	
	Single Wall	Double Wall	Single Wall	Double Wall	Double Wall
Α	12	10	10	10	10
В	8.5	6	6	6	6.5
С	22	20.5	20.5	20.5	20.5
D	12.5	11	11	11	11
Εĺ	5.5	4	5.5	4	N/A
F	14.5	13	14.5	13	N/A
G	48	48	48	48	48
Н	12	9	12	9	+



	Full Vertical o	or Horizontal*	90° Elbow**	Alcove
	Single Wall	Double Wall	Double Wall	Double Wall
Α	15.5	7.5	7.5	7.5
В	11.75	3.75	4	3.75
С	24.5	22	19	22
D	14.5	11.75	9	11.75
E	2	2	2	N/A
F	12	12	12	N/A
G	49.5	49.5	49.5	49.5
ш	12	5	NI/A	- E



	Full Vertical or Horizontal*		90° Elbow**	Alcove
	Single Wall	Double Wall	Double Wall	Double Wall
Α	12.5	9.5	9.5	10.5
В	8	5	5	6
С	25.5	25.5	25.5	25.5
D	15	15	15	15
Е	2	2	2	N/A
F	13	13	13	N/A
G	45.5	45.5	45.5	45.5
Н	18	12	12	†















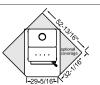
Minimum (doesn't touch wall) 31-5/8" x 39-5/8" Recommended (touches wall) 31.5/8" x 45-5/8" Corner (touches wall)





Minimum (doesn't touch wall) 31-5/8" x 41-3/8" Recommended (touches wall) 31.5/8" x 46-5/8" .48-5/16" x 48-5/16" Corner (touches wall).





Minimum (doesn't touch wall) 33-5/8" x 44-9/16" Recommended (touches wall) 33-5/8" x 49-9/16" Corner (touches wall)52-13/16" x 52-13/16"

^{*} With minimum 2-foot vertical off stove top. ** Off top of stove through back wall. † See pipe manufacturer clearances. Not tested.

CAST IRON SERIES CLEARANCES

Model Clearances Floor Protection

Yosemite

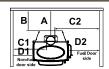


*Min 2 vertical off stove top, ** off stove top through back wall. ‡ in a masonry fireplace or through the wall. Horizontal heat shield required.

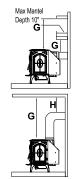
Cumberland Gap

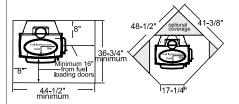


*Min 2' vertical off stove top. ‡ in a masonry fireplace or through the wall. Horizontal heat shield required. † side door must be locked closed.





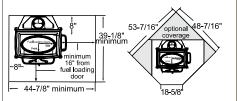




Hearth Pad Sizes

Side Fuel Door Side Fuel Door

Minimum (doesn't touch wall) 33" x 36-3/4" 44-1/2" x 36-3/4" Recommended (touches wall) ... 33" x 43-3/4" 44-1/2" x 43-3/4" Corner (touches wall) 44-3/4" x 44-3/4"... 48-1/2" x 41-3/8"



Hearth Pad Sizes

Side Fuel Door Locked Side Fuel Door Accessible

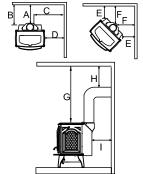
Minimum (doesn't touch wall) 34-5/8" x 39-1/8". . 44-7/8" x 39-1/8" Recommended (touches wall) ... 34-1/2" x 49-5/8".... 44-7/8" x 49-5/8"53-7/8" x 48-7/16"

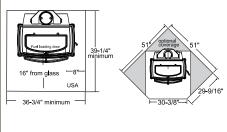
Isle Royale



	Top Vent		Alcove	Rear Vent*
	Single Wall	Double Wall	Double Wall	Double Wall
Α	15	13	13	N/A
В	16	14	14	N/A
С	33	29	29	22
D	22	18	18	N/A
Ε	22	6	N/A	N/A
F	28	12	13	N/A
G	53	53	53	36 ceiling 14 mantel
Н	18	18	18	N/A
ı	16	14	14	14 0 in masonry wall

*In masonry fireplace or through wall





Hearth Pad Sizes

Minimum (doesn't touch wall).......36-3/4" x 39-1/4" Recommended (touches wall)............36-3/4" x 53-1/4" 51" x 51" Corner (touches wall.....

chimney connector

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.

Available From:



A brand of Hearth & Home Technologies® 1445 North Highway, Colville, WA 99114 www.quadrafire.com | 800-926-4356

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Limited Lifetime Warranty**

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

** For full warranty details go to www.quadrafire.com

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