

WOOD INSERTS | FOR FIREPLACES



QUADRA-FIRE

PURE PERFORMANCE



YOUR HEAT; YOUR WAY

Quadra-Fire offers five wood fireplace insert models. These models cover a wide range of sizes, styles, and colors. Whether you want to heat a small cabin or a large home, there's a Quadra-Fire that's just right for you.

There are lots of ways to heat a home, but nothing can compare to the satisfaction of a real wood fire—the sound of wood crackling, the cozy warmth and the rolling flames. As energy prices continue to rise, and many people are turning down their thermostats to save money, you just throw another log on the fire. It's one of the many benefits you'll find with a new Quadra-Fire wood fireplace insert.

Cover: Voyageur wood insert in porcelain mahogany finish with full cast surround

Above: 3100i ACC wood insert with rectangular door, black side panels and standard surround with black trim

WOOD INSERTS

QUADRA-FIRE wood inserts

- Save energy by heating just the space you're in
- Colors and designs enhance any room
- Provide heat during a power outage
- Heat a new addition to your home



VOYAGEUR

The Voyageur perfectly combines a cast iron wood insert with a flush front design. With its clean and elegant lines, the Voyageur is easily customizable with your choice of color and surround options. Featuring the famous Quad burn, the Voyageur delivers powerful performance while utilizing renewable biomass fuel that is carbon neutral. The large and unobstructed viewing area allows for full enjoyment of the beautiful roaring fire. Voyageur shown in black with full cast iron surround.



5100i ACC

This high-efficiency wood fireplace insert is designed to transform your ordinary fireplace into a durable, powerful source of warmth and beauty. The 5100i now has the exclusive Automatic Combustion Control (ACC) for easy starting and longer, cleaner, more efficient burns. The full-view bay window stays clean with the automatic air-wash system, provided by the patented Quad burn, so your views will always be as stunning as the money you save on heating. 5100i ACC shown with gold door trim and standard surround with gold trim.



WOOD INSERTS

4100i

The 4100i brings the tradition and charm of cast iron to the Quadra-Fire wood insert line-up. The full bay door features three viewing windows framed by gold or satin nickel inlays, and opens wide for safe and easy loading. Cast iron trim on the surround gives this high-performance insert the look and feel of fine furniture. Beyond the beauty of this insert, the patented Quadra-Fire four-point combustion system and a large 2.5 cubic foot firebox provide high efficiency and long, steady burns. 4100i shown with gold trim and cast trim surround.



3100i ACC

The 3100i was the first in the Quadra-fire wood burning fireplace insert line-up to feature Automatic Combustion Control (ACC) technology. ACC delivers precision air control for fire start-up and reloading and then shuts down automatically when it reaches your desired burn level. Combined with easy front-to-back loading your fire starts quickly and safely every time. 3100i ACC shown with rectangular door, black side panels and standard surround with black trim.



2700i ACC

The 2700i fireplace insert is a big performer created to fit in small fireplace spaces. Featuring the Automatic Combustion Control (ACC) technology, the 2700i delivers precision air control for fire start-up and then shuts down automatically when it reaches your desired burn level. The simple, flushfront design complements a wide range of decorating styles. Engineered to provide powerful performance with unsurpassed durability, the 2700i ACC will deliver warmth and comfort in any home for years to come. 2700i ACC shown with satin nickel trim and standard surround with satin nickel trim.

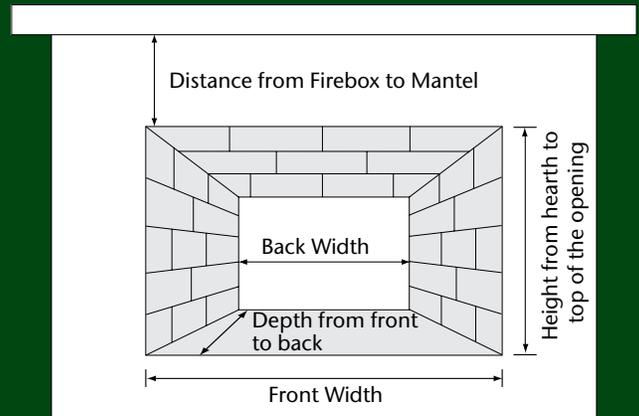


A NEW FIREPLACE IN FOUR EASY STEPS

- 1) Measure your existing fireplace
- 2) Choose your insert
- 3) Choose your surround
- 4) Customize your insert

STEP 1 MEASURE YOUR EXISTING FIREPLACE

We'll need the height, width and depth of the existing fireplace opening to ensure that the proper-sized insert is selected.



STEP 2 CHOOSE YOUR INSERT

There are two main factors to consider when selecting an insert. First, consider the height of your existing fireplace opening. You'll want to choose the tallest insert that will fit into your existing fireplace. Second, consider how the insert will be used. Do you have a large room, do you want a lot of heat or a little, and how long do you plan to run the fireplace? These answers will direct you to the insert that is ideal for you and your home.

Voyageur



Voyageur in black with black cast surround

Features

- Load, Light. Live convenience—means it's easier to load, to start, and to maintain the heat
- Large viewing area to enjoy the beautiful fire
- Flush hearth design requires no additional hearth extension
- 180 cfm fan kit standard

Options

- Choose from classic black or porcelain mahogany finish
- Surround panels in three styles
 - Cast surround in black or mahogany
 - Cast trim surround in black or mahogany
 - Metal surround with gold or satin nickel trim
- Outside air kit

5100i ACC



5100i ACC with black standard door and standard surround with black trim

Features

- Distinctive bay design
- Automatic Combustion Control (ACC) technology
- Patented Quad Burn
- Large 3.0 cu. ft. firebox, burns up to 14 hours on one load
- Easy and safe Front-to-Back log loading
- Heavy duty construction

Options

- Two door styles
 - 24k gold trim
 - Satin nickel trim
- Two surround sizes in gold or satin nickel trim
- Door upgrade kit in gold or satin nickel
- Adjustable hearth support
- 8" mantel deflector

WOOD INSERTS

4100i



4100i shown in black with 24k gold trim and cast iron trim surround

Features

- Distinctive bay design
- Patented four-point Advanced Combustion Technology (ACT)
- Easy-light dual air controls
- Easy and safe Front-to-Back log loading
- Variable speed blower system
- Heavy duty construction

Options

- Two door styles
 - 24k gold trim
 - Satin nickel trim
- Two surround styles
 - Basic surround with gold or satin nickel trim
 - Cast iron trim surround in black
- Elegant cast iron surround trim
- Adjustable hearth support

3100i ACC



3100i ACC shown in black with rectangular door, black side panels and standard surround with black trim

Features

- Distinctive bay design
- Automatic Combustion Control (ACC) technology
- Patented Quad Burn
- Side panels with built-in variable speed blower
- Easy and safe Front-to-Back log loading
- Heavy duty construction

Options

- Two door styles
 - Arched door in classic black, or with gold or satin nickel trim
 - Rectangular door in classic black
- Side panels available with gold or satin nickel trim kit
- Two surround sizes in black, gold or satin nickel trim
- Satin nickel door upgrade kit
- Mantel deflector
- Adjustable hearth support
- Outside air kit

2700i ACC



2700i ACC shown with satin nickel trim door and standard surround with satin nickel trim.

Features

- Designed for factory-built fireplace installations
- Fits in ZC fireboxes (minimum 19" high)
- Automatic Combustion Control (ACC) technology
- Patented Quad Burn
- Standard blower with right- or left-side placement of controls
- Easy-light, dual air controls

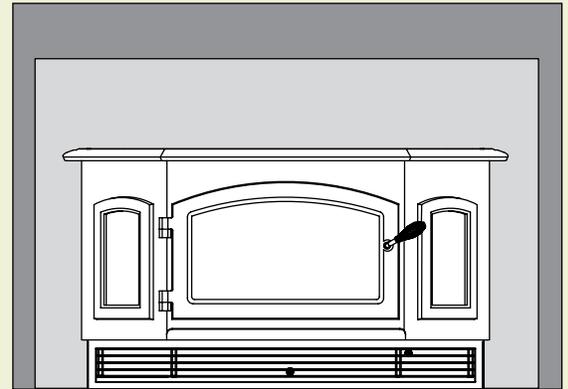
Options

- Two door styles
 - Arched door in classic black, or with gold or satin nickel trim
 - Rectangular door in classic black
- Two surround sizes with gold or satin nickel trim
- Satin nickel door upgrade kit
- Quick connect collar
- Adjustable hearth support
- Outside air kit

STEP 3 CHOOSE YOUR SURROUND

To bring a finished and polished look to your new insert you need a matching surround to cover the gap between the insert and your existing fireplace opening. Offered in a variety of size and color options, you're sure to find the perfect fit for your space.

SURROUND	5100I ACC	4100I	3100I ACC	2700I ACC
Standard	43"W x 31"H	Basic Panel with trim 44-5/8"W x 30-1/2"H	43"W x 31"H	43"W x 31"H
Large	51"W x 34"H	—	51"W x 34"H	51"W x 34"H
Cast Trim	—	44-3/4"W x 30-1/2"H	—	—



□ STANDARD SURROUND ■ LARGE SURROUND

VOYAGEUR SURROUNDS

SURROUND	CAST SURROUND	CAST TRIM SURROUND	METAL SURROUND
Standard	40"W x 30"H	42-1/2"W x 30"H	43"W x 31"H
Large	-	47"W x 34"H	51"W x 34"H



Cast Surround - Available in black or porcelain mahogany



Cast Trim Surround - Available in black with black or porcelain mahogany cast iron trim



Metal Surround - Available in black with optional black, gold or satin nickel trim

STEP 4 CUSTOMIZE YOUR INSERT

A wide range of options are available to create a truly customized insert. Choose from stunning finish options and decorative details along with distinct surrounds and controls. A Quadra-Fire wood insert is like no other and now yours will be too.

VOYAGEUR FINISH OPTIONS

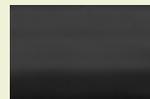


Black



Porcelain Mahogany

VOYAGEUR METAL SURROUND/5100I/4100I/3100I/2700I TRIM OPTIONS



Black - surround only (no door trim)



Gold -door and surround trim (metal surround only on Voyageur)



Satin Nickel - door and surround trim (metal surround only on Voyageur)

3100I/2700I RECTANGULAR DOOR



Black only - no trim options

4100I CAST TRIM



Black only



SPECIFICATIONS

	Technical Data						Performance					
	Width Fireplace Opening	Width Back of unit	Height Fireplace Opening	Depth Into Fireplace	Extension onto Hearth	Ship Weight	Firebox Capacity	Maximum Burn Time	Max. Log Length	Emissions (g/hr)	Efficiency	Heating Capacity
Voyageur	29-3/16"	19-1/8"	21-1/2"	18-1/8"	5"	355 lbs	1.83 cu. ft.	12 hrs	20" max/18" ideal	4.1	77%	up to 2,400 sq. ft.
5100i ACC	29-1/16"	25-1/2"	20-3/4"	17-9/16"	13-1/16"	480 lbs	3 cu. ft.	14 hrs	20" max/18" ideal	4.16	80.5%	up to 3,200 sq. ft.
4100i	30-3/16"	24"	20-7/8"	16-1/4"	10-7/8"	345 lbs	2.47 cu. ft.	12 hrs	18" max/16" ideal	3.1	82.8%	up to 2,800 sq. ft.
3100i ACC	27-5/8"	23-13/16"	21-1/2"	14-1/4"	12-1/2"	345 lbs	2 cu. ft.	10 hrs	18" max/16" ideal	2.0	79.8%	up to 2,500 sq. ft.
2700i ACC	29-1/16"	19-1/4"	18-11/16"	17-1/4"	6-5/8"	295 lbs	1.75 cu. ft.	8 hrs	18" max/16" ideal	3.5	78.1%	up to 2,300 sq. ft.

* 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.

CLEARANCES

Insert	A	B	C	D	E	F	Clearance Diagram
Voyageur	20-1/2"	29"	22"	10-1/2"	US - 16" CAN - 18"	US - 8" CAN - 12-1/4"	
5100i ACC	23-1/2"	27-1/2"	24-1/2"	18-1/2"	US - 16" CAN - 18"	US - 8" CAN - 12"	
4100i	15"	26"	20"	6"	US - 16" CAN - 18"	US - 8" CAN - 12"	
3100i ACC	21-1/2"	31"	22"	15"	Floor height 0-6-1/2": 18" US and CAN Floor height >6-1/2": 16" US, 18" CAN	US - 8" CAN - 12"	
3100i ACC w/8" mantel deflector		21"	21"				
2700i ACC	19-3/4"	21-1/2"	14"	13"	Floor height 0-3-1/2": 18" US and CAN Floor height >3-1/2": 16" US, 18" CAN	US - 8" CAN - 12"	

FACTORY BUILT ZERO CLEARANCE

Measurement*	Voyageur	5100i ACC	4100i	3100i ACC	2700i ACC
Minimum width of cavity opening - front	32-7/8"	29-1/6"	30"	28"	32-1/2"
Minimum width of cavity opening - rear	19-1/8"	25-1/2"	24"	24"	20"
Minimum height	21-1/2"	20-3/4"	21"	22-1/2"	18-11/16"
Minimum depth from front to rear	18-1/8"	17-9/16"	16-1/4"	14-1/2"	17-1/4"

*Need to add clearances for your individual installation.



NOTHING BURNS LIKE A QUAD

A brand of Hearth & Home Technologies®

1445 North Highway, Colville, WA 99114

www.quadrafire.com | 800-926-4356

facebook.com/QuadraFire

twitter.com/QuadraFire

youtube.com/QuadraFirePower

Available From:

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

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.