

ACC WOOD INSERTS | FOR FIREPLACES



**QUADRA-FIRE**

PURE PERFORMANCE



## ATTRACTIVE STYLE, RUGGED PERFORMANCE

Quadra-Fire wood inserts deliver robust heating performance in a variety of shapes, sizes and models. Elegantly blended into these attractive units is advanced burn technology—saving you time, money and hassle.

Enjoy efficient warmth and comfort for years to come. Embrace the Quadra-Fire Tradition of Excellence.

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

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

# ACC WOOD INSERTS

## 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 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.



## VOYAGEUR

The Voyageur Cast Iron Wood Insert features a flush front with elegant lines and a large, unobstructed viewing area. This insert uses advanced technology—so you can sit back and enjoy the warmth, the performance, and the knowledge that your roaring, carbon-neutral fire is lowering your heating bills.

Voyageur shown in black with full cast surround.



## 5100i

This high-efficiency wood fireplace insert transforms an ordinary fireplace into a powerful source of warmth. Durable construction and Automatic Combustion Control (ACC) burn technology ensure the 5100i will perform season after season, year after year.

5100i shown with gold trim kit and standard size surround with gold trim.



# ACC WOOD INSERTS

## 4100i

Cast iron construction, a bay window viewing area and Automatic Combustion Control (ACC) combine to make the 4100i an impressive heating option. ACC provides air when it's needed most and efficiently manages burn levels. It's a technology that lets you relax—and enjoy rolling Quadra-Fire flames for years to come.

4100i shown with satin nickel trim kit and standard size cast trim surround.



## 3100i

The 3100i blends long-lasting Quadra-Fire quality with advanced Automatic Combustion Control (ACC) burn technology. ACC delivers precision air control during start-up and monitors heat levels for solid, consistent performance. Traditional styling helps accent your décor.

3100i shown with rectangular door, black side panels and standard size surround with black trim.



## 2700i

This compact wood insert is built for clean, durable performance. Attractive cast iron styling and Automatic Combustion Control (ACC) bolster impressive heating power. A small footprint lets you fit warmth and comfort into more places.

2700i shown with satin nickel trim and standard size surround with satin nickel trim.

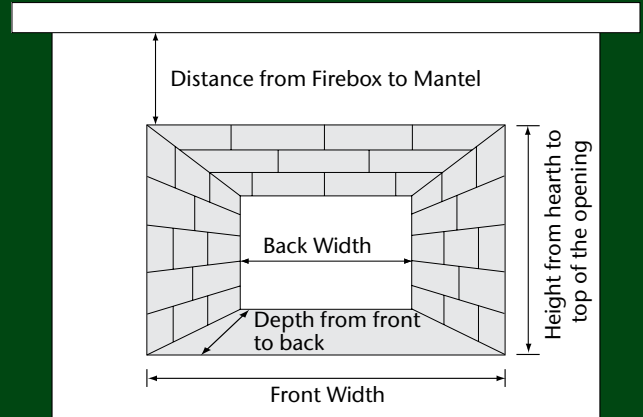


# A NEW FIREPLACE IN FOUR EASY STEPS

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

## STEP 1 MEASURE YOUR EXISTING FIREPLACE

The width, height and depth of the existing fireplace opening is needed to identify and select a properly-sized insert.



## STEP 2 CHOOSE YOUR INSERT

Selecting an insert consists of two main factors.

First, consider the size of your existing fireplace opening. Try and fill that space.

Second, consider how your insert will be used. Room size, heating needs, and usage frequency all come into play.

Mull these over and you're sure to make a solid choice.

### 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
- Automatic Combustion Control (ACC) technology
- Patented Quad Burn
- 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



5100i 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 trim styles
  - 24k gold trim
  - Satin nickel trim
- Two surround sizes with black, gold or satin nickel trim
- Door upgrade kit in gold or satin nickel
- Adjustable hearth support
- 8" mantel deflector

# ACC WOOD INSERTS

## 4100i



4100i shown in black with gold trim and basic standard surround

### Features

- Distinctive bay design
- Automatic Combustion Control (ACC) technology
- Patented Quad Burn
- Easy-light dual air controls
- Easy and safe Front-to-Back log loading
- Variable speed blower system
- Heavy duty construction

### Options

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

## 3100i



3100i 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
- 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 with built-in variable speed blower, available in black, or with gold or satin nickel trim kit (required to complete insert, sold separately)
- Two surround sizes with black, gold or satin nickel trim
- Door upgrade kit in gold or satin nickel
- Mantel deflector
- Adjustable hearth support
- Outside air kit

## 2700i



2700i 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

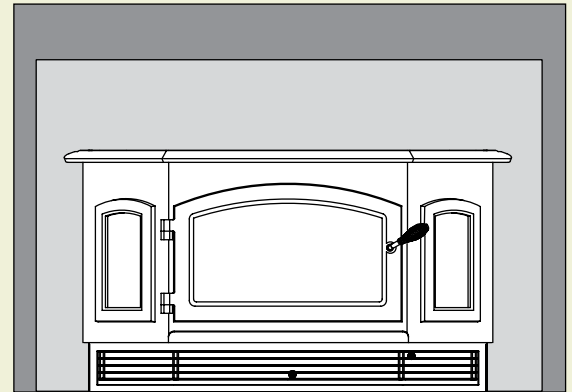
### Options

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

## STEP 3 CHOOSE YOUR SURROUND

Bring a refined look to your new insert. Surrounds remove the gap between your new insert and existing fireplace opening. Choose from numerous sizes and styles for a unique look.

SURROUND	5100i	4100i	3100i	2700i
Basic Standard	43"W x 31"H	43"W x 31"H	43"W x 31"H	43"W x 31"H
Basic Large	51"W x 34"H	51"W x 34"H	51"W x 34"H	51"W x 34"H
Cast Standard	—	44-3/4"W x 30-1/2"H	—	—
Cast Large	—	48"W x 34"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

Make it your own. Select stunning finish options and decorative details.

### VOYAGEUR FINISH OPTIONS

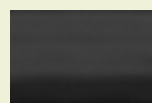


Black



Porcelain Mahogany

### DOOR & METAL SURROUND 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 AND 2700i RECTANGULAR DOOR



Black only

### 4100i CAST TRIM



Black only

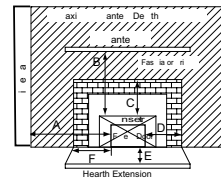


# SPECIFICATIONS

	Technical Data						Performance				
	Width Fireplace Opening	Width Back of unit	Height Fireplace Opening	Depth Into Fireplace	Extension onto Hearth	Ship Weight	Maximum Burn Time	Firebox Capacity	Max. Log Length	Emissions (g/hr)	Efficiency
Voyageur	29-3/16"	19-1/8"	21-1/2"	18-1/8"	5"	355 lbs	12 hrs	1.8 cu. ft.	20" max/18" ideal	4.1	77%
5100i	29-1/16"	25-1/2"	20-3/4"	17-9/16"	13-1/16"	480 lbs	14 hrs	3 cu. ft.	20" max/18" ideal	4.16	80.5%
4100i	30"	24"	21"	16-1/4"	10-9/16"	345 lbs	11 hrs	2.4 cu. ft.	18" max/16" ideal	4.3	80.2%
3100i	27-5/8"	23-13/16"	21-1/2"	14-1/4"	12-1/2"	345 lbs	10 hrs	1.9 cu. ft.	18" max/16" ideal	2.0	79.8%
2700i	29-1/16"	19-1/4"	18-11/16"	17-1/4"	6-5/8"	295 lbs	8 hrs	1.8 cu. ft.	18" max/16" ideal	3.5	78.1%

# 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	23-1/2"	27-1/2"	24-1/2"	18-1/2"	US - 16" CAN - 18"	US - 8" CAN - 12"	
4100i	22-1/8"	23"	21"	12-1/2"	US - 16" CAN - 18"	US - 8" CAN - 12"	
3100i	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 w/8" mantel deflector		21"	21"				
2700i	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"	



Thermal protection is required in US and/or Canada on all units except the 5100i ACC. See owner's manual for specific details.

# FACTORY BUILT ZERO CLEARANCE

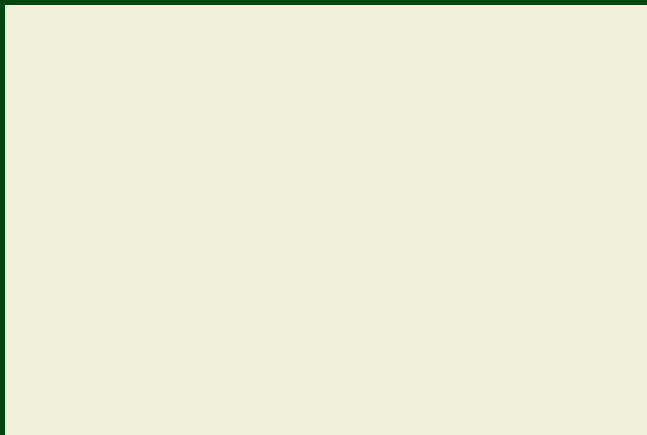
Measurement*	Voyageur	5100i	4100i	3100i	2700i
Minimum width of cavity opening - front	32-7/8"	29-1/6"	30"	28"	32-1/2"
Minimum width of cavity opening - rear	19-1/8"	25-1/2"	24"	24"	20"
Minimum height	21-1/2"	20-3/4"	21"	22-1/2"	18-11/16"
Minimum depth from front to rear	18-1/8"	17-9/16"	16-1/4"	14-1/2"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

\*Need to add clearances for your individual installation.

# HEATING CAPACITY

	Voyageur	5100i	4100i	3100i	2700i
Peak BTU/Hr Output	46,300	61,000	55,600	47,000	44,000
Heating Capacity* (sq. ft.)	900 - 2,400	1,200 - 3,100	1,100 - 2,800	1,000 - 2,500	900 - 2,300

\*See your local Quadra-Fire dealer for help in determining the product that best suits your heating needs based on climate and home efficiency.



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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](http://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.

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