

PELLET INSERTS | FOR FIREPLACES



QUADRA-FIRE

PERFORMANCE



PROVEN PERFORMANCE

Fireplace inserts fit directly inside existing fireplaces and can immediately upgrade a space.

Quadra-Fire® pellet inserts are designed with performance and easy operation in mind. Traditional cast iron craftsmanship and multiple finishing options help create a unique look. And above all else, these rugged units are built to perform.

Exclusive technologies are at work in every Quadra-Fire insert. These smart systems provide convenient, programmable operation and enhanced efficiency. Help heat your home and enjoy the proven performance of a Quadra-Fire pellet insert.

Cover: Mt. Vernon E2 Insert shown in porcelain mahogany with small metal surround with cast iron trim in porcelain mahogany.

Above: Castile Insert shown in classic black, with small metal surround with black cast iron trim and optional log set.

PELLET INSERTS



MT. VERNON AE INSERT

The Mt. Vernon AE Insert is performance at its peak—and a prime example of the Quadra-Fire tradition of excellence. The core of this insert is Advanced Energy (AE) technology. This heating control system maximizes efficiency and convenience. Just select your fuel type, fill the 52lb hopper and enjoy up to 53,300 BTU/hour input.

Mt. Vernon AE Insert shown above in sienna bronze with small metal surround with cast iron trim in sienna bronze and optional log set.



MT. VERNON E2 INSERT

The Mt. Vernon with Efficient Energy (E2) technology is powerful and efficient. E2 helps achieve 81.6% efficiency—saving money by burning less fuel—and automatically adjusts the blower to maintain desired room temperatures. A 52lb hopper and easy-clean firepot reduce maintenance efforts, and cast iron construction on all major components proves this insert is built to last.

Mt. Vernon E2 Insert shown above in matte black with small metal surround with cast iron trim in black and optional log set.



CASTILE INSERT

The Castile provides up to 38,700 BTU/hour input—enough heat to fill most living, great and family rooms. Even better, it's efficient, self-lighting and easy to use. Fill the 45lb hopper, set the thermostat, and relax.

Castile Insert shown above in porcelain mahogany, with small metal surround with porcelain mahogany cast iron trim.



CLASSIC BAY 1200i

Witness the powerful performance of the Classic Bay 1200i through its large bay window. A patented feed system ensures jam-free operation and intense flames. Load up the 75lb hopper and enjoy extended performance—and up to 46,400 BTU/hour input.

Classic Bay 1200i shown above with black door, black grille, small metal surround with optional satin nickel trim and log set.



SANTA FE INSERT

The Santa Fe suits those busy, on-the-go people who wish to reduce their heating bills with eco-friendly energy. A patented feed system ensures jam-free operation and intense flames. A sleek, compact design fits in more spaces, and still produces up to 38,700 BTU/hour input.

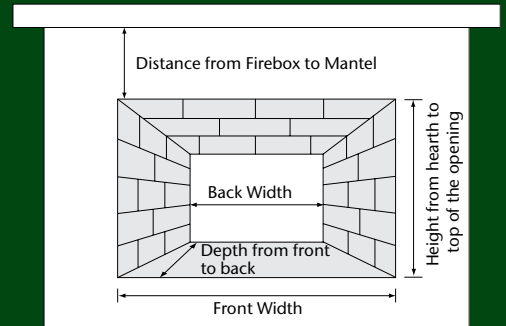
Santa Fe Insert shown above with black nickel grille set, small metal surround with black nickel trim, and optional log set.

A NEW FIREPLACE INSERT IN FOUR EASY STEPS

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

STEP 1 MEASURE YOUR EXISTING FIREPLACE

The height, width and depth of the existing fireplace opening is needed to ensure an appropriately-sized insert is selected.



STEP 2 SELECT YOUR INSERT

Selecting an insert consists of two main factors. Keep these in mind and you're sure to make a solid choice:

- Consider the size of your existing fireplace opening. Try and fill that space.
- Consider how your insert will be used. Room size, heating needs and usage frequency all come into play.

MT. VERNON AE INSERT



Mt. Vernon AE Insert shown in sienna bronze with small metal surround with cast iron trim in sienna bronze and optional log set.

Features

- 16,800-53,300 BTU/Hour Input¹
- Heats 1,300 to 2,900 sq. ft.²
- 52lb hopper capacity¹
- 76.9% average efficiency⁴
- Quietest on the market (41 decibels at a distance of 6 ft.)
- 5 heat settings
- Cast iron airfoil heat exchanger
- Advanced Energy (AE) Technology (See back cover)

Options

- Classic black, porcelain mahogany, or sienna bronze finishes
- Surround panels; matching cast iron trim, or metal surround with black nickel trim
- Log set
- Adjustable hearth support
- Outside air kit
- Top vent adaptor



Wall Control

A 7-day programmable thermostat controls room temperature, heat output, cleaning cycles and monitors diagnostics, like fuel levels.

MT. VERNON E2 INSERT



Mt. Vernon E2 Insert shown in classic black with small metal surround with cast iron trim in black

Features

- 18,100-55,000 BTU/Hour Input¹
- Heats 1,300 to 2,900 sq. ft.²
- 52lb hopper capacity¹
- 81.6% average efficiency⁴
- Quietest on the market (41 decibels at a distance of 6 ft.)
- 5 heat settings
- Cast iron airfoil heat exchanger
- Programmable wall thermostat
- Efficient Energy (E2) Technology (See back cover)

Options

- Classic black, porcelain mahogany, or sienna bronze finishes
- Surround panels; matching cast iron trim, or metal surround with black nickel trim
- 2-piece ceramic log set for authentic fire appearances
- Adjustable hearth support
- Outside air kit



A programmable wall thermostat is included.

QUADRA-FIRE PELLET INSERT EXCLUSIVE FEATURES



Cast Iron Airfoil Heat Exchanger

An aerodynamic design maximizes heat transfer efficiency in the Mt. Vernon AE and E2 inserts.



Aluminum Heat Exchangers in the Castile, Classic Bay 1200i and Santa Fe inserts are 11 times more effective at transferring heat than stainless steel.



Cast Iron Firepot

A patented firepot design offers enhanced durability, reduced noise levels, maximum efficiency and intense flames.

PELLET INSERTS

CASTILE INSERT



Castile Insert shown in mahogany finish, with small cast metal surround with mahogany cast iron trim and optional log set.

Features

- 11,600-38,700 BTU/Hour Input¹
- Heats 700 – 1,800 sq. ft.²
- 45lb hopper capacity¹
- 78% average efficiency⁵
- 3 heat settings
- Herringbone brick back
- Mechanical thermostat
- Aluminum heat exchangers

Options

- Classic black, porcelain mahogany or sienna bronze finishes
- Surround panels, matching cast iron trim, or nickel or black trim
- Log set
- Remote control or programmable wall thermostat

CLASSIC BAY 1200i



Classic Bay 1200i shown above with black door, black grille, standard surround with satin nickel trim and optional log set.

Features

- 15,500-46,400 BTU/Hour Input¹
- Heats 1,000 to 2,600 sq. ft.²
- 75lb hopper capacity¹
- 78% average efficiency⁵
- 3 heat settings
- Mechanical thermostat
- Aluminum heat exchangers
- Black door and grille

Options

- Door in gold or satin nickel
- Grille in gold or satin nickel
- 3-piece log set
- Remote control or programmable wall thermostat

SANTA FE INSERT



Santa Fe Insert shown above with black nickel grille set, standard surround with black nickel trim, and optional log set.

Features

- 11,600-38,700 BTU/Hour Input¹
- Heats 700 – 1,800 sq. ft.²
- 45lb hopper capacity¹
- 78% average efficiency⁵
- 3 heat settings
- Herringbone brick back
- Pull and Tip hopper lid
- Mechanical thermostat
- Aluminum heat exchangers

Options

- Upper grille in satin nickel or black nickel
- Log set
- Remote control or programmable wall thermostat



Auto-Ignition

The patented Quadra-Fire auto-ignition system provides reliable start-ups.



Jam-Free Operation

A patented feed system ensures jam-free operation, maximum efficiency and intense flames.



Pull & Tip Hopper Lid

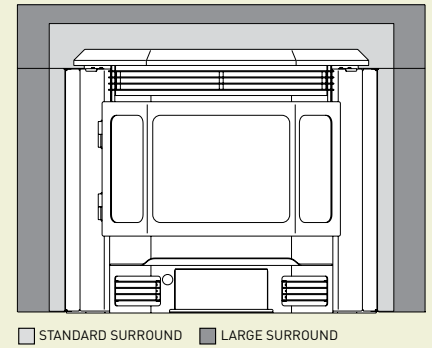
A unique design makes adding fuel easier.

PELLET INSERTS

STEP 3 CHOOSE YOUR SURROUND

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

SURROUND	MT. VERNON AE INSERT	MT. VERNON E2 INSERT	CASTILE INSERT	CLASSIC BAY 1200i	SANTA FE INSERT
Standard	45"W x 34-1/2"H w/Cast Iron Trim 50"W x 33"H w/Basic Panel with Trim	45"W x 34-1/2"H w/Cast Iron Trim 50"W x 33"H w/Basic Panel with Trim	42-1/2"W x 30"H w/Cast Iron Trim 43"W x 31"H w/Basic Panel with Trim	40"W x 30"H	40"W x 30"H
Large	-	-	48"W x 34"H w/Cast Iron Trim 51"W x 34"H w/Basic Panel with Trim	50"W x 33"H	50"W x 33"H



STEP 4 CUSTOMIZE YOUR INSERT

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

MT. VERNON AE INSERT

Log Set

Add traditional ambiance with a detailed 2-piece log set



Stunning Finishes

Choose from classic black, porcelain mahogany, or sienna bronze



Surround & Cast Trim

Finish the surround panels of your insert with matching cast iron trim, or select black nickel.



MT. VERNON E2 INSERT

Log Set

Add traditional ambiance with a detailed 2-piece log set



Stunning Finishes

Choose from classic black, porcelain mahogany, or sienna bronze



Surround & Cast Trim

Finish the surround panels of your insert with matching cast iron trim, or select black nickel.



CASTILE INSERT

Log Set

Add traditional ambiance with a detailed 2-piece log set



Stunning Finishes

Choose from classic black, porcelain mahogany, or sienna bronze



Surround & Cast Trim

Finish the surround panels of your insert with matching cast iron trim, or select black or satin nickel



CLASSIC BAY 1200i

Log Set

Add traditional ambiance with a detailed 3-piece log set



Door Trim

Customize your insert with a gold or satin nickel door



Added Convenience

Customize your comfort with an advanced remote control or a programmable wall thermostat. Available for Castile Insert, Classic Bay 1200i and Santa Fe Insert.



SANTA FE INSERT

Log Set

Add traditional ambiance with a detailed 2-piece log set





PELLET INSERT SPECIFICATIONS

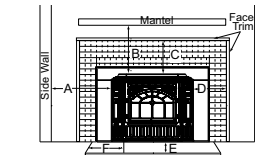
Technical Data

Performance

	Width Outside Fireplace	Actual Width Inside Fireplace	Height Outside Fireplace	Actual Height Inside Fireplace	Actual Depth Inside Fireplace	Depth On to Hearth	Weight (lbs)	BTU/Hr Input ¹	Heating Capacity ²	Burn Rate (lbs/hour)	Hopper Capacity ¹ (lbs)	EPA Certified Emissions (g/hour)	Efficiency
Mt. Vernon AE Insert	36-5/8"	32"	29-3/4"	23-7/8"	15-7/16"	13-1/8"	425	16,800 to 53,300	1,300 - 2,900 sq. ft.	1.9 - 6.2	52	1.7	76.9% ⁴
Mt. Vernon E2 Insert	36-5/8"	32"	29-3/4"	23-7/8"	15-7/16"	13-1/8"	425	18,100 to 55,000	1,300 - 2,900 sq. ft.	2.1 - 6.4	52	.5	81.6% ⁴
Castile Insert	32"	28"	25"	19"	13"	10"	260	11,600 to 38,700	700 - 1,800 sq. ft.	1.3 - 4.5	45	1.8	78% ⁵
Classic Bay 1200i	28-1/2"	29-1/4"	25-1/2"	19-1/2" to 22"	13"	11"	243	15,500 to 46,400	1,000 - 2,600 sq. ft.	1.8 - 5.4	75	1.3	78% ⁵
Santa Fe Insert	21-1/2"	23-5/8"	25-3/8"	23"	12-13/16"	8-5/8"	214	11,600 to 38,700	700 - 1,800 sq. ft.	1.3 - 4.5	45	1.8	78% ⁵

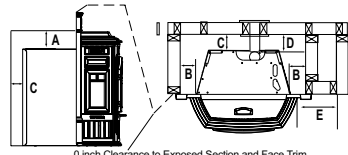
CLEARANCES

Mt. Vernon AE Insert



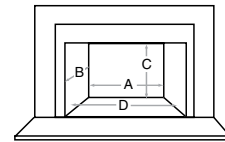
MASONRY & ZERO CLEARANCE INSTALLATIONS

A	B	C	D	E	F
6"	12"	0"	0"	6"	6"



0 inch Clearance to Exposed Section and Face Trim
BUILT-IN INSTALLATION

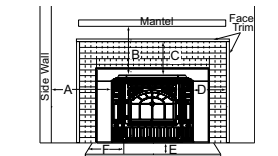
A	B	C		D	E
		top vent	rear vent		
3"	2"	7-1/2"	2-3/4"	3"	6"



	A	B	C	D
Masonry	24-1/4"	15-11/16"	24-1/8"	32-1/4"
ZC	24-1/4"	15-11/16"	24-1/8"	32-1/4"

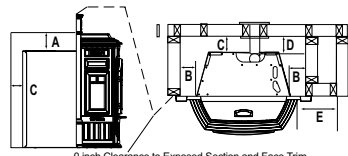
Minimum Recommended Opening

Mt. Vernon E2 Insert



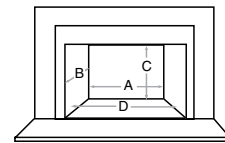
MASONRY & ZERO CLEARANCE INSTALLATIONS

A	B	C	D	E	F
6"	12"	0"	0"	6"	6"



0 inch Clearance to Exposed Section and Face Trim
BUILT-IN INSTALLATION

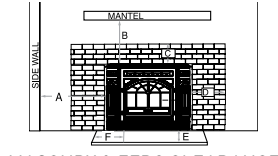
A	B	C		D	E
		top vent	rear vent		
3"	2"	7-1/2"	2-3/4"	3"	6"



	A	B	C	D
Masonry	24-1/4"	15-11/16"	24-1/8"	32-1/4"
ZC	24-1/4"	15-11/16"	24-1/8"	32-1/4"

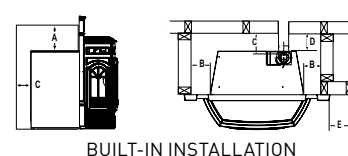
Minimum Recommended Opening

Castile Insert



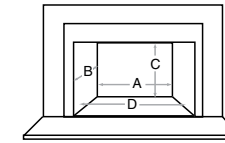
MASONRY & ZERO CLEARANCE INSTALLATIONS

A	B	C	D	E	F
16"	12"	4-3/4"	10"	6"	6"



BUILT-IN INSTALLATION

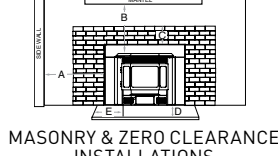
A		B	C	D	E
top vent	rear vent				
2"	2-1/2"	2"	4"	3"	3"



	A	B	C	D
Masonry	28-1/4"	13-1/4"	19-1/4"	28-1/4"
ZC	28-1/4"	13-1/4"	19-1/4"	28-1/4"

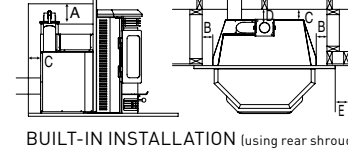
Minimum Recommended Opening

Classic Bay 1200i



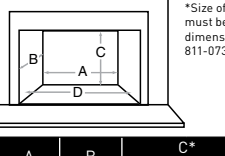
MASONRY & ZERO CLEARANCE INSTALLATIONS

A	B	C	D	E
6"	12"	3"	6"	8"



BUILT-IN INSTALLATION (using rear shroud)

A		B		C		D	E
rear vent	top vent	rear vent	top vent	rear vent	top vent		
0"	3"	0"	0"	2-1/2"	3"	3"	0"

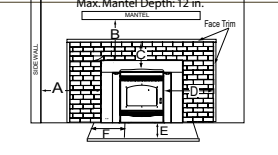


*Size of floor protection must be added to this dimension. If using 811-0730, allow 1-1/2"

	A	B	C*		D
			rear vent	top vent	
Masonry	22-1/4"	13-1/4"	19-3/4"	-	29-1/2"
ZC	22-1/4"	15-3/4"	22-3/4"	25-1/2"	29-1/2"

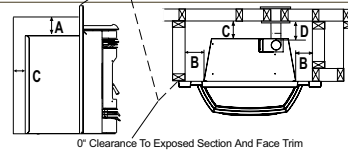
Minimum Recommended Opening

Santa Fe Insert



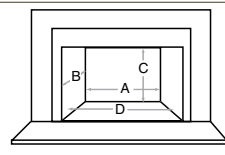
MASONRY & ZERO CLEARANCE INSTALLATIONS

A	B	C	D	E	F
16"	12"	4-3/4"	10"	6"	6"



0" Clearance To Exposed Section And Face Trim
BUILT-IN INSTALLATION

A		B	C	D
top vent	rear vent			
2	2-1/2"	2"	2-1/2"	3"



	A	B	C	D
Masonry	23-15/16"	14-1/8"	23-1/4"	29-1/4"
ZC	23-15/16"	14-1/8"	23-1/4"	29-1/4"

Minimum Recommended Opening

QUADRA-FIRE PELLET TECHNOLOGIES



Advanced Energy

Advanced Energy technology is a “smart” heating control system. It delivers efficient, powerful performance by utilizing:

- A 7-day programmable thermostat
- A patented auto clean system
- 2 variable-speed DC blowers, the quietest on the market
- An exclusive feed system with the ability to burn multiple fuels—from wood pellets, to grain and sunflower seeds

To learn more, visit QuadraFire.com.



Efficient Energy

E2 technology helps achieve 81.6% efficiency - saving money by burning less fuel. Plus, E2 technology automatically adjusts the blower to maintain desired room temperatures.

To learn more, visit QuadraFire.com.



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Available From:

Limited Lifetime Warranty³

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

¹ BTU/hour input based on the maximum feed rate per hour multiplied by approximately 8600 BTUs which is the average BTUs from a pound of pellets. Fuel density and pellet shape will affect hopper capacity.

² See your local Quadra-Fire dealer for help in determining the product that best suits your heating needs based on climate and home efficiency.

³ For full warranty details go to www.quadrafire.com

⁴ Weighted average LHV (Low Heating Value) efficiency

⁵ EPA default 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.