



PELLET INSERTS

QUADRA-FIRE
NOTHING BURNS LIKE A QUAD

QUADRA-FIRE®

PERFORMANCE FROM THE BEGINNING



Founders Alan Trusler and Dan Henry spent countless nights in the lab, determined to harness the powerful force of fire in ground-breaking new ways. In 1990 they introduced the first self-igniting pellet stove using Original Energy Technology, followed in 2006 by the most advanced pellet stove seen using Advanced Energy technology. In 2014 Quadra-Fire launched Efficient Energy technology. The tradition lives on through these pellet appliances.

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 PELLETS

Clean-burning and consistent, pellets are affordable, available and renewable. Automatic thermostats and temperature controls do the work for you—just keep your hopper filled. Pellets are normally available in 40 lb bags. A 1,500 sq ft home will use 2-4 tons per season, on average.

WHY AN INSERT

Quadra-Fire pellet inserts provide an instant upgrade to any hearth, designed to be retrofitted into an existing wood-burning fireplace. Inserts instantly transform your drafty old fireplace into a powerful, efficient and clean burning heat source.

As the fire ignites, it remains clear:
NOTHING BURNS LIKE A QUAD.



COVER: TREKKER INSERT SHOWN IN PORCELAIN MAHOGANY WITH METAL SURROUND WITH CAST IRON TRIM IN PORCELAIN MAHOGANY

QUADRA-FIRE PELLET INSERTS

Introducing Quadra-Fire's pellet inserts, offering many styles, colors and technologies that deliver:

PERFORMANCE

Get maximum heat and high efficiencies with one of three exclusive technologies offered by Quadra-Fire.

EASY OPERATION

Eliminate the hassle and save time with Quadra-Fire's fully automatic pellet inserts. Simply fill the hopper, set your thermostat and walk away.

Enjoy quick and easy cleaning with Quadra-Fire's patented firepot design.



EXCLUSIVE TECHNOLOGIES

Innovative technology is at work in every Quadra-Fire. These advancements make it possible to burn pellets more effectively, efficiently, and with more control.

ADVANCED ENERGY



Advanced Energy (AE) delivers strong, economical heating performance with a 7-day programmable

thermostat that constantly monitors heat levels and automatically controls five heating levels. A patented auto-clean system providing hands-free cleaning and continuous burns with multiple fuels—wood pellets, grain, sunflower seeds.

EFFICIENT ENERGY



Efficient Energy (E2) technology helps achieve 83.2% efficiency—saving money by burning

less fuel. Plus E2 automatically adjusts the blower to maintain desired room temperature, and allows five manual heat output settings. Standard 7-day, wireless programmable wall thermostat allows you to run your appliance based on your personal comfort level all day or up to four different times each day.

ORIGINAL ENERGY



Original Energy (OE) delivers performance using an aluminum heat exchange system and three heat

output settings. The easy operation of a patented jam-free feed system and easy-clean firepot delivers a reliable heat source. Standard wall thermostat allows you to set your target room temperature and walk away.

MT. VERNON AE INSERT ADVANCED ENERGY



Standard: 7-day Programmable
Wall Thermostat



MT. VERNON AE INSERT SHOWN IN SIENNA BRONZE, WITH METAL SURROUND
WITH CAST IRON TRIM IN SIENNA BRONZE AND OPTIONAL LOG SET

BTU/hr Input¹
**16,800-
53,300**

Heating Capacity²
**1,300-2,900
sq ft**

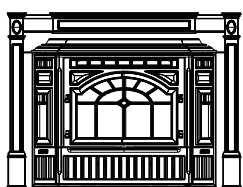
Efficiency³
76.9%

Burn Rate
1.9-6.2lb/hr

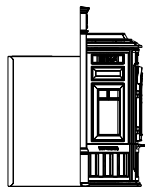
Emissions
1.7 g/hr

Hopper Capacity¹
52lb

Actual Weight
425lb



MT. VERNON AE INSERT



CLASSIC
BLACK



SIENNA
BRONZE



PORCELAIN
MAHOGANY

TREKKER INSERT

EFFICIENT ENERGY



Standard: 7-day Wireless
Programmable Wall Thermostat



TREKKER INSERT SHOWN IN MAHOGANY, WITH METAL
SURROUND WITH CAST IRON TRIM IN MAHOGANY

BTU/hr Input¹
**16,400-
51,000**

Heating Capacity²
**1,300-2,900
sq ft**

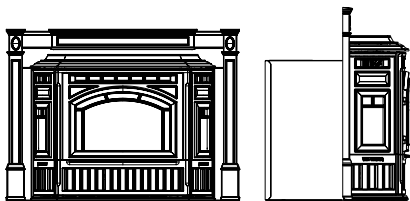
Efficiency³
83.2%

Burn Rate
**1.9-5.9
lb/hr**

Emissions
.74 g/hr

Hopper Capacity¹
52lb

Actual Weight
425lb



TREKKER INSERT



CLASSIC
BLACK



SIENNA
BRONZE



PORCELAIN
MAHOGANY

CASTILE INSERT

ORIGINAL ENERGY



Standard: Wall Thermostat



CASTILE INSERT SHOWN IN CLASSIC BLACK, WITH METAL SURROUND WITH CLASSIC BLACK CAST IRON TRIM AND OPTIONAL LOG SET

BTU/hr Output¹
**11,600-
38,700**

Heating Capacity²
**700-1,800
sq ft**

Efficiency⁴
78%

Burn Rate
**1.3-4.5
lb/hr**

Emissions
1.8 g/hr

Hopper Capacity¹
45lb

Actual Weight
260lb



CASTILE INSERT



CLASSIC
BLACK



SIENNA
BRONZE



PORCELAIN
MAHOGANY

CLASSIC BAY 1200 INSERT

ORIGINAL ENERGY



Standard: Wall Thermostat



CLASSIC BAY 1200 INSERT SHOWN WITH METAL SURROUND
WITH BLACK NICKEL TRIM AND OPTIONAL LOG SET

BTU/hr Output¹
**15,500-
46,400**

Heating Capacity²
**1,000-2,600
sq ft**

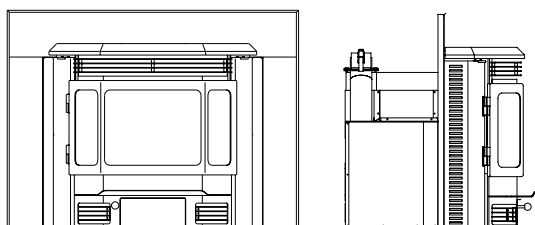
Efficiency⁴
78%

Burn Rate
**1.8-5.4
lb/hr**

Emissions
1.3 g/hr

Hopper Capacity¹
75lb

Actual Weight
243lb



CLASSIC BAY 1200 INSERT

SANTA FE INSERT

ORIGINAL ENERGY



SANTA FE INSERT SHOWN WITH METAL SURROUND
WITH BLACK NICKEL TRIM, AND OPTIONAL LOG SET

BTU/hr Output¹
11,600-38,700

Heating Capacity²
700-1,800
sq ft

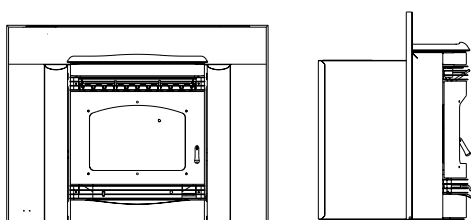
Efficiency⁴
78%

Burn Rate
1.3-4.5
lb/hr

Emissions
1.8 g/hr

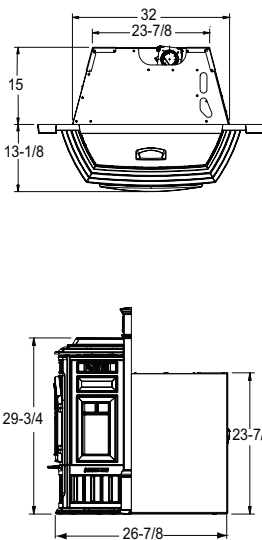
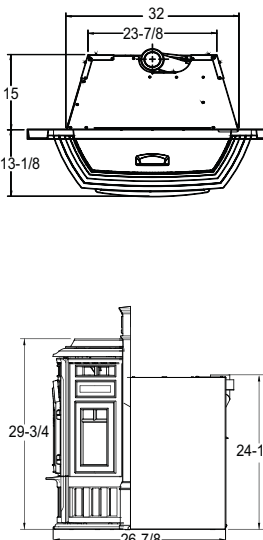
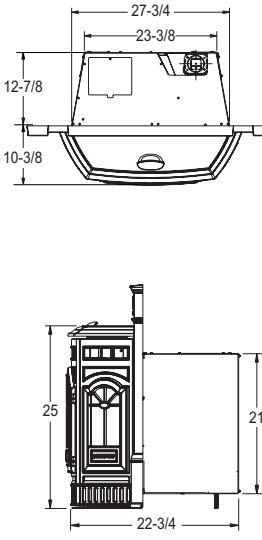
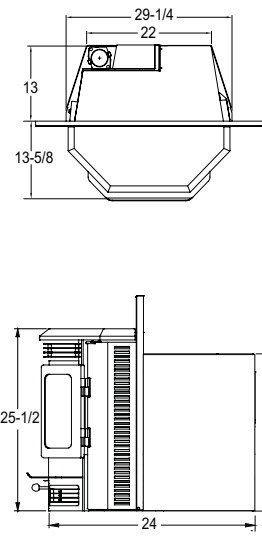
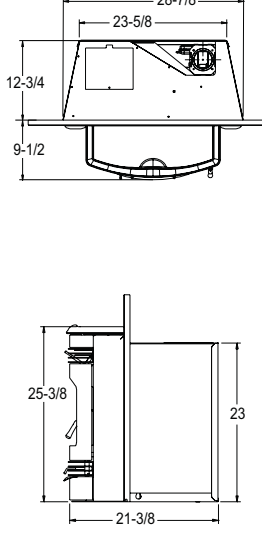
Hopper Capacity¹
45lb

Actual Weight
214lb



SANTA FE INSERT

PELLET INSERT COMPARISON

MT VERNON AE	TREKKER	CASTILE	CLASSIC BAY 1200	SANTA FE
				
BTU/HOUR INPUT¹ » 16,800-53,300	BTU/HOUR INPUT¹ » 16,400-51,000	BTU/HOUR INPUT¹ » 11,600-38,700	BTU/HOUR INPUT¹ » 15,500-46,400	BTU/HOUR INPUT¹ » 11,600-38,700
HEATING CAPACITY² » 1,300 - 2,900 sq ft	HEATING CAPACITY² » 1,300 - 2,900 sq ft	HEATING CAPACITY² » 700 - 1,800 sq ft	HEATING CAPACITY² » 1,000 - 2,600 sq ft	HEATING CAPACITY² » 700 - 1,800 sq ft
EFFICIENCY³ » 76.9%	EFFICIENCY³ » 83.2%	EFFICIENCY⁴ » 78%	EFFICIENCY⁴ » 78%	EFFICIENCY⁴ » 78%
BURN RATE » 1.9-6.2lb/hr	BURN RATE » 1.9-5.9lb/hr	BURN RATE » 1.3-4.5lb/hr	BURN RATE » 1.8-5.4lb/hr	BURN RATE » 1.3-4.5lb/hr
EMISSIONS » 1.7 g/hr	EMISSIONS » .74 g/hr	EMISSIONS » 1.8 g/hr	EMISSIONS » 1.3 g/hr	EMISSIONS » 1.8 g/hr
HOPPER CAPACITY¹ » 52lb	HOPPER CAPACITY¹ » 52lb	HOPPER CAPACITY¹ » 45lb	HOPPER CAPACITY¹ » 75lb	HOPPER CAPACITY¹ » 45lb
ACTUAL WEIGHT » 425lb	ACTUAL WEIGHT » 425lb	ACTUAL WEIGHT » 260lb	ACTUAL WEIGHT » 243lb	ACTUAL WEIGHT » 214lb
TECHNOLOGIES » Advanced Energy (AE) Technology	TECHNOLOGIES » Efficient Energy (E2) Technology	TECHNOLOGIES » Original Energy (OE) Technology	TECHNOLOGIES » Original Energy (OE) Technology	TECHNOLOGIES » Original Energy (OE) Technology

4 EASY STEPS TO UPGRADE YOUR EXISTING WOOD-BURNING FIREPLACE

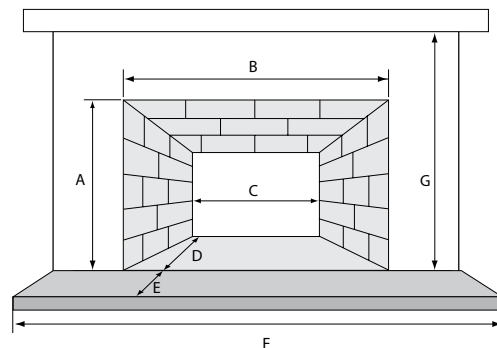
1. MEASURE YOUR EXISTING FIREPLACE
2. CHOOSE YOUR INSERT

3. SELECT A 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 selection of an appropriately-sized insert:

- | | |
|--------------------------------|---------------------------------|
| A. Fireplace front height_____ | E. Hearth depth_____ |
| B. Fireplace front width_____ | F. Hearth width_____ |
| C. Fireplace back width_____ | G. Hearth to mantel height_____ |
| D. Fireplace Depth_____ | |



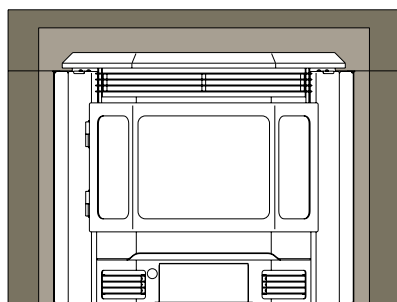
STEP 2 SELECT YOUR INSERT

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

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.



STANDARD SIZE SURROUND

LARGE SURROUND



TRIM COLORS



CLASSIC
BLACK



SIENNA
BRONZE



PORCELAIN
MAHOAGANY



TRIM COLORS



CLASSIC BLACK
»Castile



BLACK NICKEL
»Mt. Vernon AE
»Trekker
»Classic Bay 1200
»Santa Fe



SATIN NICKEL
»Castile
»Classic Bay 1200
»Santa Fe

SURROUND	MT. VERNON AE	TREKKER	CASTILE	CLASSIC BAY 1200i	SANTA FE
Metal Surround with Cast Iron Trim	Standard Size: 45"W x 34-1/2"H	Standard Size: 45"W x 34-1/2"H	Standard Size: 42-1/2"W x 30"H Large Size: 48"W x 34"H	n/a	n/a
Metal Surround with Outside trim	Large Size: 50"W x 33"H	Large Size: 50"W x 33"H	Standard Size: 43"W x 31"H Large Size: 51"W x 34"H	Standard Size: 40"W x 30"H Large Size: 50"W x 33"H	Standard Size: 40"W x 30"H Large Size: 50"W x 33"H

STEP 4 CUSTOMIZE YOUR INSERT

PROGRAMMABLE WALL THERMOSTAT

Allows you to run your appliance based on your personal comfort level all day or up to four different times each day.



- » CASTILE
- » CLASSIC BAY 1200
- » SANTA FE

REMOTE CONTROL

Allows you to run your appliance based on your personal comfort level.



- » CASTILE
- » CLASSIC BAY 1200
- » SANTA FE

LOG SET



- » MT. VERNON AE
- » TREKKER
- » CASTILE
- » CLASSIC BAY 1200
- » SANTA FE

FEATURES

CAST IRON AIRFOIL HEAT EXCHANGER



This cast iron airfoil heat exchanger is the most efficient way to transfer the heat from your appliance to your room.

- » MT. VERNON AE
- » TREKKER

ALUMINUM HEAT EXCHANGERS



Easy to clean by simply pulling on the cleaning rods when your appliance is cold.

- » CASTILE
- » CLASSIC BAY 1200
- » SANTA FE

CAST IRON FIREPOT



The most efficient way to burn pellets, creating temperatures exceeding 1000 degrees, assuring the fuel is completely burned leaving only a fine ash behind.

- » MT. VERNON AE
- » TREKKER
- » CASTILE
- » CLASSIC BAY 1200
- » SANTA FE

CLEARANCES

CLEARANCES							Clearance Diagrams
Insert	A	B	C	D	E	F	
MT. VERNON AE	24-5/16"	18-5/16"	29-3/4"	16"	41-3/4"*	15-1/8"	
TREKKER	24-5/16"	18-5/16"	29-3/4"	16"	41-3/4"*	15-1/8"	
CASTILE	31-1/2"	25-1/2"	29-3/4"	13-1/2"	37"	14"	
CLASSIC BAY 1200	19-3/4"	19-3/4"	28-1/2"	18-1/4"	37-1/2"	17"	
SANTA FE	26-3/4"	20-3/4"	29-3/4"	16"	37-3/8"	12-1/2"	

* If mantel depth is 10" or less then E = 39-3/4"

MASONRY AND FACTORY BUILT ZERO CLEARANCE					Clearance Diagram
Insert	A	B	C	D	
MT. VERNON AE	24-1/8"	32-1/4"	24-1/8"	15-3/8"	
TREKKER	24-3/8"	32-1/4"	24-1/8"	16-5/8"	
CASTILE	21-1/4"	28-1/8"	23-5/8"	13-3/8"	
CLASSIC BAY 1200	19-3/4"	29-3/4"	22-1/2"	13-1/4"	
SANTA FE	23-1/4"	29-1/8"	23-7/8"	13"	

IMPORTANT - READ BEFORE YOU INSTALL

Refer to the Owner/Installation Manual for complete clearance requirements and specifications. The images and descriptions on this brochure are provided to assist you in product selection only.






Thank you from everyone at Quadra-Fire

QUADRA-FIRE®

NOTHING BURNS LIKE A QUAD

www.quadrafire.com | 800-926-4356

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

Available From:

Limited Lifetime Warranty⁵

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 Weighted average LHV (Low Heating Value) efficiency. 4 EPA default efficiency. 5 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. Power cords for the fans will run along the hearth and can be directed to either side of the appliance for flexible installation. 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.

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