



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. In 2014 Quadra-Fire launched Efficient Energy technology.

WHY QUADRA-FIRE

At Quadra-Fire we believe that nothing burns like a Quad, and heating with pellets should be easy and cost effective. 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

Pellets provide a time-saving heating choice that is an easy-to-use, renewable fuel. 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 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.

EFFICIENT ENERGY

E2

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

OE

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.

TREKKER INSERT
EFFICIENT ENERGY



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% LHV
78% HHV**

Burn Rate
1.9-5.9 lb/hr

Emissions
.74 g/hr

Hopper Capacity¹
52lb

Actual Weight
425lb



7-DAY 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.



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.



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. This ash is easily removed due to the patented firepot design.



CLASSIC BLACK



PORCELAIN MAHOGANY



PORCELAIN TWILIGHT

CASTILE INSERT
ORIGINAL ENERGY



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

BTU/hr Output¹
9,400-30,600

Heating Capacity²
700-1,900 sq ft

Efficiency³
**70% LHV
66% HHV**

Burn Rate
1.0-3.4 lb/hr

Emissions
1.1 g/hr

Hopper Capacity¹
45lb

Actual Weight
260lb



7-DAY 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.



ALUMINUM HEAT EXCHANGER

Easy to clean by simply pulling on the cleaning rods when your appliance is cold. Efficiently captures the heat from your appliance and uses the combustion blower to move that hot air into your space.



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. This ash is easily removed due to the patented firepot design.



CLASSIC BLACK



PORCELAIN MAHOGANY



PORCELAIN TWILIGHT

CLASSIC BAY 1200 INSERT
ORIGINAL ENERGY



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

BTU/hr Output¹
**17,000-
48,500**

Heating Capacity²
**1,000-2,700
sq ft**

Efficiency³
**68% LHV
64% HHV**

Burn Rate
**1.9-5.3
lb/hr**

Emissions
.8 g/hr

Hopper Capacity¹
75lb

Actual Weight
243lb



7-DAY 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.



ALUMINUM HEAT EXCHANGER

Easy to clean by simply pulling on the cleaning rods when your appliance is cold. Efficiently captures the heat from your appliance and uses the combustion blower to move that hot air into your space.



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. This ash is easily removed due to the patented firepot design.

SANTA FE INSERT ORIGINAL ENERGY



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

BTU/hr Output¹
9,400-30,600

Heating Capacity²
700-1,900
sq ft

Efficiency³
70% LHV
66% HHV

Burn Rate
1.0-3.4
lb/hr

Emissions
1.1 g/hr

Hopper Capacity¹
45lb

Actual Weight
214lb



7-DAY 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.



ALUMINUM HEAT EXCHANGER

Easy to clean by simply pulling on the cleaning rods when your appliance is cold. Efficiently captures the heat from your appliance and uses the combustion blower to move that hot air into your space.



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. This ash is easily removed due to the patented firepot design.



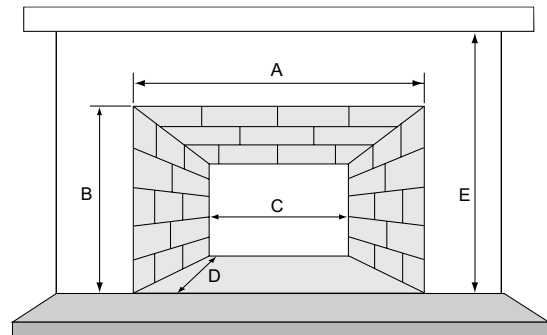
In three easy steps, a Quadra-Fire pellet fireplace insert can transform your existing traditional wood fireplace into a beautiful and efficient heat source without a major renovation.



STEP 1 MEASURE YOUR EXISTING FIREPLACE OPENING AND SELECT YOUR INSERT

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

- A. Fireplace front width _____ D. Fireplace depth _____
 B. Fireplace front height _____ E. Hearth to mantel height _____
 C. Fireplace back width _____

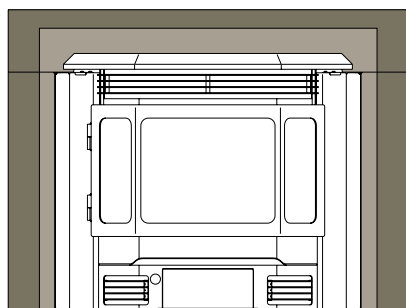


When selecting your insert, keep these two factors in mind and your sure to make a solid choice:

- Consider the size of your existing fireplace opening– try to fill that space
- Consider how your insert will be used: room size, heating needs and usage frequency all come into play

STEP 2 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



CAST IRON TRIM COLORS



CLASSIC BLACK
»Trekker
»Castile



PORCELAIN TWILIGHT
»Trekker
»Castile



PORCELAIN MAHOGANY
»Trekker
»Castile



METAL 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	TREKKER	CASTILE	CLASSIC BAY 1200i	SANTA FE
Metal Surround with Cast Iron Trim	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 Metal Trim	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 3 CUSTOMIZE YOUR INSERT

LOG SET

Gives you the look of burning logs.

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



REMOTE CONTROL THERMOSTAT

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

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

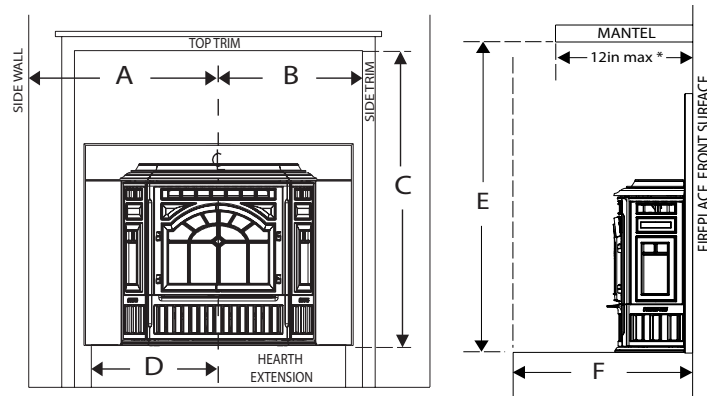


PELLET INSERT COMPARISON

TREKKER	CASTILE	CLASSIC BAY 1200	SANTA FE
<p>Top view dimensions: 32, 23-7/8, 15, 13-1/8</p> <p>Side view dimensions: 29-3/4, 24-1/8</p>	<p>Top view dimensions: 27-3/4, 23-3/8, 12-7/8, 10-3/8</p> <p>Side view dimensions: 25, 22-3/4</p>	<p>Top view dimensions: 29-1/4, 22, 13, 13-5/8</p> <p>Side view dimensions: 25-1/2, 24, 22</p>	<p>Top view dimensions: 28-7/8, 23-5/8, 12-3/4, 9-1/2</p> <p>Side view dimensions: 25-3/8, 23, 21-3/8</p>
<p>BTU/HOUR INPUT¹ » 16,400-51,000</p>	<p>BTU/HOUR INPUT¹ » 9,400-30,600</p>	<p>BTU/HOUR INPUT¹ » 17,000-48,500</p>	<p>BTU/HOUR INPUT¹ » 9,400-30,600</p>
<p>HEATING CAPACITY² » 1,300 - 2,900 sq ft</p>	<p>HEATING CAPACITY² » 700 - 1,900 sq ft</p>	<p>HEATING CAPACITY² » 1,000 - 2,700 sq ft</p>	<p>HEATING CAPACITY² » 700 - 1,900 sq ft</p>
<p>EFFICIENCY³ » 83% LHV » 78% HHV</p>	<p>EFFICIENCY³ » 70% LHV » 66% HHV</p>	<p>EFFICIENCY³ » 68% LHV » 64% HHV</p>	<p>EFFICIENCY³ » 70% LHV » 66% HHV</p>
<p>BURN RATE » 1.9-5.9lb/hr</p>	<p>BURN RATE » 1.0-3.4 lb/hr</p>	<p>BURN RATE » 1.9-5.3 lb/hr</p>	<p>BURN RATE » 1.0 - 3.4 lb/hr</p>
<p>EMISSIONS » .74 g/hr</p>	<p>EMISSIONS » 1.1 g/hr</p>	<p>EMISSIONS » .8 g/hr</p>	<p>EMISSIONS » 1.1 g/hr</p>
<p>HOPPER CAPACITY¹ » 52lb</p>	<p>HOPPER CAPACITY¹ » 45lb</p>	<p>HOPPER CAPACITY¹ » 75lb</p>	<p>HOPPER CAPACITY¹ » 45lb</p>
<p>ACTUAL WEIGHT » 425lb</p>	<p>ACTUAL WEIGHT » 260lb</p>	<p>ACTUAL WEIGHT » 243lb</p>	<p>ACTUAL WEIGHT » 214lb</p>
<p>TECHNOLOGIES » Efficient Energy (E2) Technology</p>	<p>TECHNOLOGIES » Original Energy (OE) Technology</p>	<p>TECHNOLOGIES » Original Energy (OE) Technology</p>	<p>TECHNOLOGIES » Original Energy (OE) Technology</p>

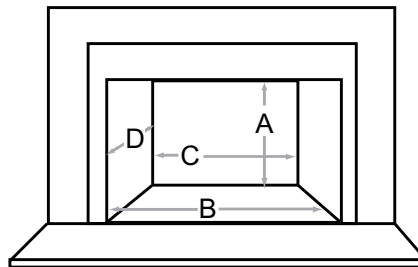
CLEARANCES

CLEARANCES						
Insert	A	B	C	D	E	F
TREKKER	24-5/16"	18-5/16"	29-3/4"	16"	41-3/4"*	15-1/8"
CASTILE	16-1/4"	16-1/4"	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				
Insert	A	B	C	D
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

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Available From:

Limited Lifetime Warranty⁴

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 high feed rate per hour multiplied by BTU content of test fuel 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. HHV (High Heat Value) efficiency used to qualify products for Tax Credit beginning in 2021. ⁴ 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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