

616 Gas Fireplace Insert



fireplace**x**tordinair™



*Shown with Universal face/panel,
Straight Brick fireback and
Traditional Log Set.*



*Shown with Metropolitan face/panel,
Handmade Brick fireback and
Traditional Log Set.*

616 Gas Fireplace Insert

The 616 showcases a fire that is second to none. It boasts a big heat output with 616 square inches of viewing area. A traditional hearth look is achieved by having our ceramic glass go almost all the way to the bottom of the unit, and hearth. 39,000-14,835 BTUs on NG and 39,000 - 11,872 BTUs on LP, touting up to a 70% turndown ratio. This gas insert converts an existing masonry or metal fireplace into an efficient heater while preserving the charm of a traditional fireplace.

The Steady State Efficiency rating of up to 85% ensures we are using the gas resource wisely, and adding not only a great look to any home but an incredibly efficient heater as well.

The standard 180 CFM fans move air around the heated firebox and with a Shadowbox face the heated air is forced down in front of the ceramic glass, super heating the air as it moves into the living area, while the other optional faces have a more direct alignment of the convection chamber, allowing a direct transfer of hot air directly into the living area.

This Extra Large insert fits into most fireplace openings, only measuring 24-1/4" high x 35" wide x 16.5" deep. Having the controls laterally located, allows for an increased glass viewing area by almost 20%.

The 616 comes fully loaded with fans, 3 accent lights (top and back), 3 tier burner and GreenSmart Remote. The GreenSmart Comfort Control allows the middle and front burner to operate independently of the rear burner for maximum flame turndown.



GreenSmart Technology

The patent-pending GreenSmart™ System is the most innovative collection of components, controls and technology that when combined provides an elegant, smarter and greener way to heat your home. Innovative features like: accent lights, comfort control, blower control and a choice of pilots come standard. An standard GreenSmart remote allows you to run the fireplace in “Smart Thermostat Mode” that automatically adjusts the flame height based on the temperature setting – so the flame will modulate up/down as opposed to shutting off/on like normal thermostats, thus conserving fuel and maximizing heating ability while extending the viewing pleasure of the fire.

Choice of Pilots

Continuous Pilot or GreenSmart Pilot:

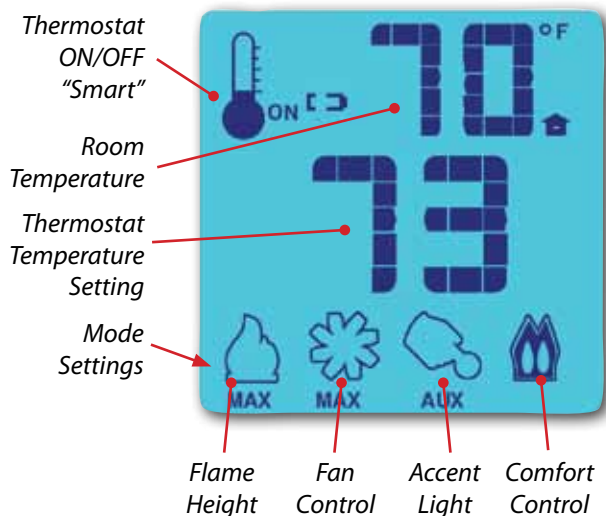
The GreenSmart remote allows you to run your fireplace in either standing pilot mode - where the pilot flame continually stays on, ideal during Winter months when a draft is needed for safe, reliable operation and to reduce condensation from forming on the glass during startup – or for maximum efficiency use the GreenSmart Pilot, where the flame ignites via an intermittent spark (IPI) that does not run continually and thus conserves energy when the fireplace is not being operated. The GreenSmart system includes a battery back-up, ensuring proper ignition even during power outages.

Comfort Control™ Features:

With the push of a button your Comfort Control will turn off the rear burner while leaving the front burner on for an attractive flame appearance when heat output is not the priority. This feature offers a turn-down ratio of up to 70 percent! The Comfort Control works with the GreenSmart split-flow burners, and offers a more efficient way to heat the room by only burning the amount of fuel necessary to keep a constant temperature; so this is another smarter, greener way to enjoy fire in the home.

The GreenSmart Remote Control System:

The GreenSmart™ remote offers the ultimate in convenience from any location within 25 feet of your fireplace and a docking station for wall mounting the remote. All features are controlled via the remote control with the exception of the pilot switch.



• **Manual Settings :**

- Fire ON/OFF and adjust flame height

• **Programmable Thermostat:**

Thermostat control setting turns fire automatically ON and OFF to maintain set temperature.

Use your smart phone or iPad™ to watch a video of how this GreenSmart™ remote works.
<http://vimeo.com/13502191>



Face Options

Personalize your fireplace from the outside out by choosing one of four different designer faces. All faces come with safety screens.



Universal Face



Metropolitan Face



Shadowbox Face - Black



Shadowbox Face - Bronze

Burner Options

Easily transforms the overall look and appearance by allowing the insert to fit a wide range of architectural styles. The Traditional Log Set comes with beautifully detailed logs and glowing embers. The Fyre-Stone Rock Kit and Driftwood Fire Art comes with with glowing embers.



Traditional Log Set



Driftwood Fire Art



Fyre-Stone Rock Kit with Glass Media

Fireback Options

Leave the interior basic black for a very simple contemporary look, or add a decorative fireback.



Black Painted Fireback shown with Fyre-Stone kit



Straight Brick Fireback shown with Traditional Log Set



Herringbone Brick shown with Traditional Log Set



Handmade Brick Fireback shown with Traditional Log Set



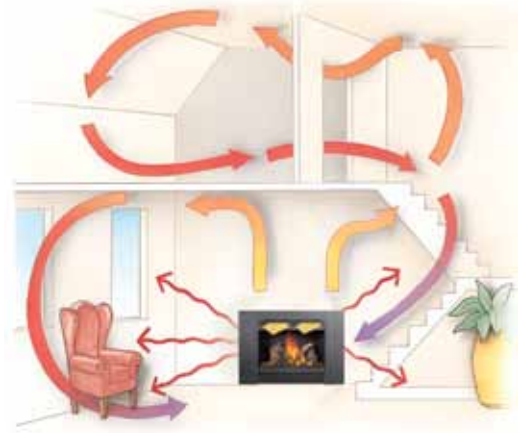
Black Enamel Fireback shown with Driftwood Fire Art



Stainless Steel Fireback shown with Fyre-Stone Rock Kit

Standard Convection Fan

The combustion chamber of the insert is surrounded by a heat exchanger which harnesses the radiant energy from the fire and transfers it to the air as it naturally circulates around the firebox. The super-heated air is then delivered not just into the room but throughout the house through natural convection. With the standard fan it will increase the airflow and your efficiency. The 616 has dual 90 CFM (180 total) convection fans.



Single Piece Finish Panels

30-1/2" x 42" or 34" x 44"

For a clean look, a one piece panel is available for a flat to the fireplace finish.

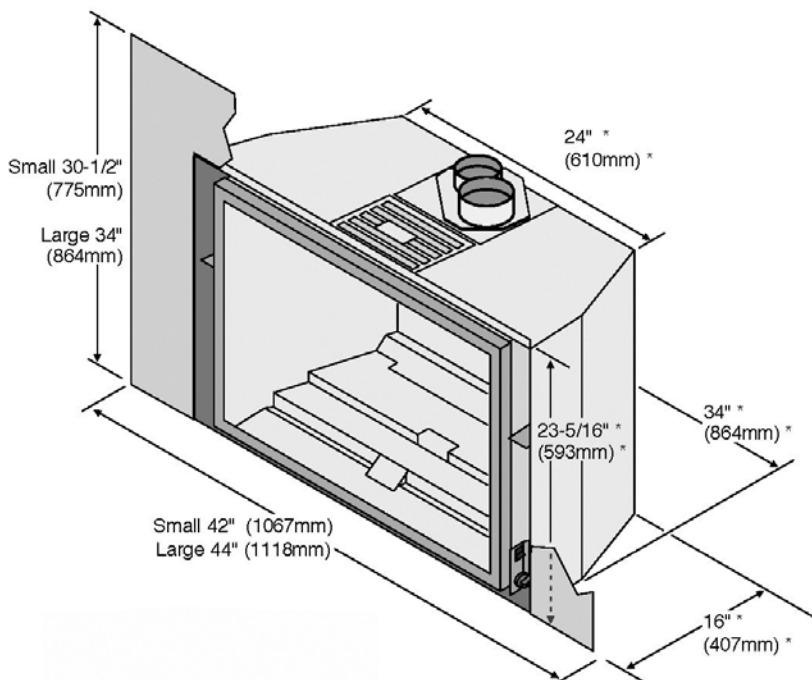
The one piece panel comes without trim and does not allow for the rheostat installation on the panel.

Insert Wiring Kit Option

The insert wiring kit allows you to hard-wire your AC power from inside the fireplace if you are using the optional fan or remote control. Don't want the power cord running across the front of the hearth? Ask your dealer for details.



Fireplace Insert Dimensions and Specifications



Heating Capacity:* 600 to 2,000 Sq. Ft.

Maximum BTU/HR Input: 39,000 (NG/LP)

Minimum BTU/HR Input: 14,835 (NG) 11,872 (LP)

Steady State Efficiency:** Up to 85% (NG) 85.5% (LP)

Canadian P4 Efficiency:† 64.38% (NG) 66.52% (LP)

Dimensions: Height = 23-5/16"

Width = 34" (Front), 24" (Back)

Depth = 16"

Glass Area = 27-3/4" W x 20" H

* Heating Capacity will vary with floor plan and ceiling height, insulation, and outside ambient temperature.

**Steady State Efficiency determined using maximum venting as tested under DOE 10 CFR part 430, Subpart B, Appendix O.

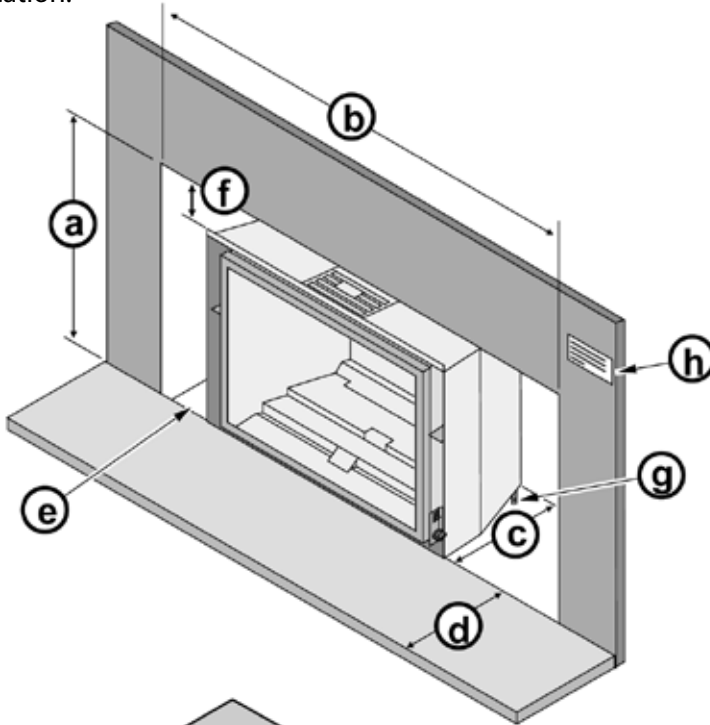
† P4 Efficiency determined using CSA P4.1-02

Installation Specifications

Always refer to and use the Installation Manual for complete install information.

Fireplace Requirements:

Insert must be placed within a code-conforming masonry or tested and listed factory-built (metal) wood burning fireplace. Because the insert uses a circulation blower, clean the fireplace, smoke shelf, and chimney prior to installation. This heater may be placed in a bedroom. Please be aware of the large amount of heat this appliance produces when determining a location.



Fireplace Sizing

- (a) Minimum Height: 24 1/4" (616mm)
- (b) Minimum Width: 35" (889mm)
- (c) Minimum Depth: 16 1/2" (420mm)
- (d) Hearth Depth: 12" (305mm)
- (e) The gas and electrical line should be installed prior to installing the heater.
- (f) For tight fits (under 28") see the owner's manual
- (g) See the owner's manual "Leveling Bolts" for details on leveling the heater.
- (h) Attach the "This fireplace has been altered..." plate to the fireplace (use two screws or other suitable method). You may wish to place it in a location where it will be covered by the surround panels.

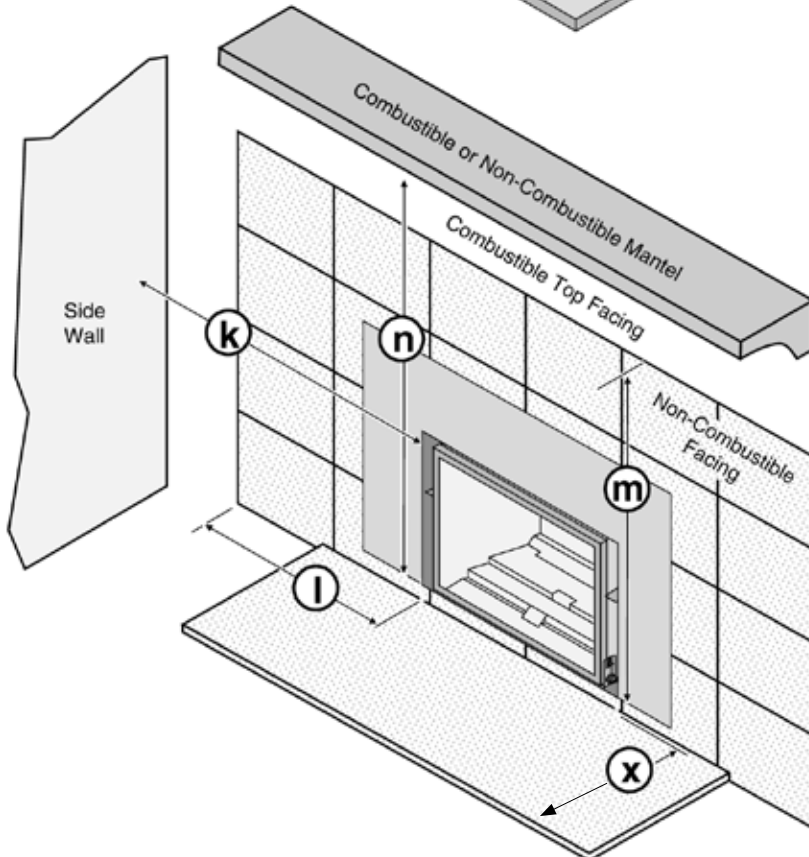
Hearth Requirements:

A non-combustible hearth extension is required.

Clearance To Combustibles

- (k) Sidewall to Insert: 6" (153mm)
- (l) Side Facing: 5" (127mm) (non-combustible)
- (m) Top Facing: 35 1/2" (902mm)
- (n) 12" Mantel: 36.5" (926mm) (combustible or non-combustible)
- (n) 4" Mantel: 33" (839mm) (combustible or non-combustible)
- (x) Extension onto Hearth: 12" (305mm)

*Measured from the base of the insert. **NOTE:** the non-combustible top facing must extend 35.5" (902mm) above the base of the insert or to the bottom of the mantel (whichever is less)



Listings:

This appliance is listed by INTERTEK Test Labs to ANSI Z21.88 -2009 report #G100405040PRT-001. The listing label is attached to the appliance near the gas control valve.

IAS (ICBO) Approval

This appliance is listed by INTERTEK Test Labs - IAS # TL474.

Massachusetts Approval

This product must be installed by a licensed plumber or gas fitter when installed within the Commonwealth of Massachusetts.

Keep them Warm, Keep them Safe



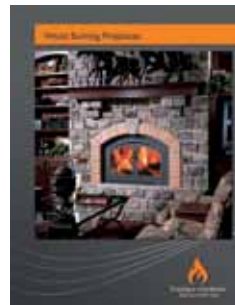
Children, like most of us, are fascinated by fire, and for families with young children, fireplaces pose a potential safety hazard. Take the time to educate young children about the dangers of fire and the hot surface temperatures of glass and metal surrounding the fireplace insert. If you have an infant or toddler consider installing a fire screen; make sure it's tall enough so that children can't climb over it, and that it's placed far enough away so that reaching arms can't touch the surfaces of the fireplace. A few precautions such as these will allow everyone in your home to safely enjoy the comfort and warmth of your new gas fireplace insert.

If you are in the market for other hearth products, Fireplace Xtrordinair manufactures a full line-up of wood, gas and electric fireplaces and wood and gas fireplace inserts.



Gas Burning Inserts

Turn your old, open masonry or metal (zero clearance) fireplace into a clean, efficient source of heat for your home. Fireplace Xtrordinair offers a complete line of heater rated wood and gas inserts to fit virtually any existing fireplace.



Wood Burning Fireplaces

If you prefer heating with wood, Fireplace Xtrordinair also manufactures a line of EPA Certified clean burning fireplaces that feature the remarkable Posi-Pressure complete home heating system.



Wood Burning Inserts

Fireplace Xtrordinair offers two flush to the fireplace wood burning inserts. The 33 Elite Plus and the Large Flush Wood Hybrid-Fyre™ insert that features super clean burn, high efficiency and the revolutionary GreenStart auto wood igniter.



Xtreme™

For the ultimate in design and fire style Fireplace Xtrordinair offers the Xtreme gas fireplace. Featuring a huge 60" wide by 20" tall glass fire viewing area and a collection of unique Fire Sculpture™ interior art.

Built with pride in the USA



See our complete line of fireplaces and inserts at: www.fireplacex.com

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