

GREEN SMART™

The World's Most Revolutionary Gas Burner System

- * **Lower Your Heating Bill and Reduce Energy Usage**
- * **Gorgeous, Realistic Fire with Glowing Embers**
- * **Innovative Design Features and Technology**

What is

GREEN SMART™

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, flame adjustments, blower control and a choice of pilots come standard. An optional 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.



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1 Basic GreenSmart Control System:

This dashboard is located under the front of the appliance, and is operated manually. It has five components:



1. Optional Convection Blower Manual Rheostat Control (Blower is standard on DVS & DVL Inserts and 864 HO Fireplace).
2. Accent Light Manual Control - For ON/OFF and brightness adjustment.
3. Flame Adjustment: Variable flame adjustments using manually operated regulator.
4. Pilot Selection: Two position rocker switch.
5. Comfort Control Module Includes:
 - Comfort Control: This ON/OFF rocker switch electronically turns the rear portion of the burner on/off.
 - Battery Back-Up: Allows heater to operate the burner during power outages
 - Main Burner Switch: This switch turns the burner on/off.

2 Glide-Away™ or Drop Down Concealment Door:

The control valve and wires are hidden by our new concealment door to provide an elegant, more finished appearance. The concealment door conveniently opens and closes for easy access to the controls.

On some models, the control area is hidden by a concealment door that conveniently lifts up and glides away. On other models it drops-down for easy access if control adjustments are desired.



Glide-Away Closed



Glide-Away Open

3 Highly Visible Dashboard

The manual controls of the unit are located on a black dashboard behind the concealment door.

All controls are clearly labeled with white silkscreened lettering.



4 Control Panel Lighting:

When the concealment door is opened, control panel lighting is automatically turned on to make viewing controls on the dashboard easy even in a low light environment in the home.

5 Choice of Pilots

Continuous Pilot or GreenSmart Pilot:

This switch allows you to run your fireplace in either standing pilot mode - where the pilot flame continually stays on, ideal during periods of extreme cold when a draft is needed for safe, reliable operation – or for maximum efficiency use the GreenSmart mode, where the pilot flame ignites via an intermittent pilot (IPI) spark 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.



GreenSmart Fuel and Cost Savings:

The GreenSmart System helps save on both energy usage and your heating bill.

Example: A Standing Pilot Fireplace will use .552 therm of gas a day.

One therm of gas cost on average cost \$1.10.

On average a standing pilot costs \$0.60 to run every day - no matter if the fireplace is on or off.

Now times this by 365 days and you get a savings of \$219 per year by using your fireplace in the IPI Greensmart IPI mode.

6 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 72 percent!** This feature works with the GreenSmart split-flow burners, and offers a more efficient way to heat the room by only burning the correct amount of fuel to keep a constant temperature; so this is another smarter, greener way to enjoy fire in the home.



Low Burn

High Burn

7 Accent Lights:

Accent Lights are a standard feature in all GreenSmart stoves, fireplaces and inserts. This feature adds a warm glow to both the logs and ceramic fireback and can be used when the fire is on or off. Perfect as a nightlight or soft indirect light for the room the, Accent Light allows visual enhancement of your fireplace 365 days a year.



Shown as base model without face

8 GreenSmart Split-Flow Burners:

We make gas fireplaces in several sizes for different heating needs. Your fireplace will be equipped with either the Dancing-Fyre or the Ember-Fyre burner. Both burners come with high detailed logs and are designed to provide incredibly realistic “wood-like” fire.

Dancing-Fyre™ Split-Flow Burner:

The Dancing-Fyre is found in our entry level fireplaces and features a split-flow steel burner where the two separate burners can be operated together for maximum heat output and flame appearance or with only the front burner for a impressive turn-down ratio. This flexibility allows for a continual flame appearance when lower heat output is needed and provides a smarter, greener way to heat the home.

Ember-Fyre™ Split-Flow Burner:

The award-winning Ember-Fyre™ gas burner technology is found in our high-end fireplaces. The Ember-Fyre is known for its gorgeous, dancing yellow-flame fire with flickering embers – it is a split-flow ceramic burner where the two separate burners can be operated together for maximum heat output and flame appearance; or with only the front burner for a impressive turn-down ratio. This elite burner is the ideal choice for ultimate GreenSmart performance.

9 Upgrade To The GreenSmart Remote Control System:

This option includes a hand-held GreenSmart remote, GreenSmart receiver cartridge, servo motor for the gas valve, power control module and wire harness. All basic features are controlled via the hand-held remote control, which includes both front and rear burners, blower and accent light with two additional exciting features:

• Programmable Thermostat Mode Controls:

- Fire ON/OFF and adjust flame height
- Fan ON/OFF and Adjust speed
- Accent Light ON/OFF
- Split-Flow Burner ON/OFF
- Thermostat Control Setting
- “Smart Mode” ON/OFF

• “Smart” Thermostat Mode:

This allows the heating appliance to automatically adjust the flame height based on the temperature set via the GreenSmart remote control’s thermostat. The flame will modulate from low to high, or high to low until the set temperature is reached, thus conserving fuel and maximizing heating ability to extend the viewing pleasure of the fire. The “Smart” mode also keeps the flame and blower operation closer in sync. When the desired room temperature is reached the flame will shut down. Since the fireplace has gradually decreased the fire and internal firebox temperature your convection fan will now run for a shorter period of time after the fire has gone off.



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