



GREEN SMART™

What is GreenSmart™

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

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.
2. Accent Light Manual Control - For ON/OFF and brightness adjustment.
3. Variable Flame Control: Adjusts flame and heat up and down.
4. Two Position Pilot Selection: Push up for continuous pilot and down for GreenSmart™ Pilot.
5. Comfort Control Module Includes:
 - Comfort Control: This ON/OFF rocker switch electronically turns the rear portion of the burner on/off.
 - Main Burner Switch: This switch turns the burner on/off
 - Battery Back-Up: Allows you to operate the burner during power outages

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.



Glide-Away Closed



Glide-Away Open

Highly Visible Dashboard

The GreenSmart basic controls of the unit are located on a black dashboard behind the concealment door. All controls are clearly labelled with white silk-screened lettering for easy reading.

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.





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Dancing-Fyre™ Split Flow Burner:

The Dancing-Fyre™ is found in our Lopi 564 GS, Lopi 864 GS and Lopi 864ST GS gas fireplaces and features a split-flow steel burner. The front and rear burners can be operated together for maximum heat output and flame appearance or with only the front burner for an 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 DVL GS & DVS GS fireplace Inserts. 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.

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.



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 delivers a turn-down ratio of up to 72 percent! It works with the Green-Smart 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

Accent Lights

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



High Burn

GreenSmart Remote Control System

This upgrade option (standard on DVL & DVS) 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 with two additional exciting features:

- Programmable Thermostat Mode Controls
 - Fire ON/OFF and adjust flame height
 - Split-Flow Burner ON/OFF
 - “Smart Mode” ON/OFF
 - Thermostat Control Setting

• “Smart” Thermostat Mode:

This allows the heating appliance to automatically adjust the flame height based on a 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 which will save energy.

