REGENCY FIREPLACE PRODUCTS

Pro-Series Inserts
User Guide

Applicable for the following units:
CI2600, CI2700, HI400 & HI500

Pro-Series wood burning is a different technology compared to regular non-catalytic inserts. With their new hybrid technology Pro-Series units are highly efficient, long burning appliances.

Understanding the Pro-Series technology and recommended wood burning process will help you achieve extended burn times and use less wood over the heating season.

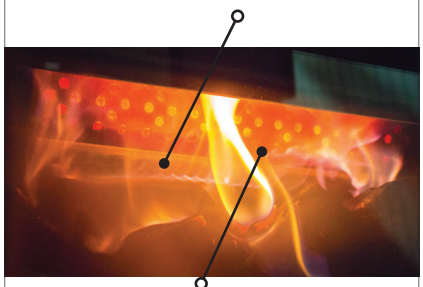
TECHNOLOGY

Regency Pro-Series units run on a hybrid catalytic system called Eco-Boost™ technology. This hybrid system allows the fuel to burn at a slower rate utilizing its full potential.

Eco-Boost™ Hybrid System

Secondary Air Tube

Cleans up the emissions in the air from the initial burn resulting in a high heat output.



Bypass closed; located inside firebox (top front)

Catalytic Combustor

Creates consistent heat by slowly re-burning wood smoke particles that would normally go up the chimney.

LONG BURNING PROCEDURES

To obtain maximum burn times between 10–14 hours, it is important to have the firebox and catalyst up to temperature (beyond 500º F, 260º C), after the firebox is fully loaded. Only then should the bypass damper and draft control be closed for the long burn.

• START UP PROCEDURE

1) Before starting a fire, open the **bypass damper**, and fully open the draft control.

2) Using dry kindling and rolled newspaper, build a fire base as normal, and ignite **leaving the door slightly open.**

3) Allow the fire to build, adding kindling until the fire has a hold. After 5–10 minutes add medium sized logs, after a further 5–10 minutes **close the door.**

4) Once the fire becomes established add large logs to the firebox until it is fully loaded. Typically, after 20–30 minutes you should be able to **close the bypass damper** as temperatures will have reached the "active" zone (beyond 500º F, 260º C).

5) Adjust the draft control for desired burn rate.

• CONTINUOUS OPERATION PROCEDURE

1) With the unit and chimney now up to operational temperature the reloading process will require less time. At the end of the burn cycle and to restart the unit, turn off the fan before opening the door and **spread the coals out with a poker.**

2) Then **add some kindling or medium sized logs**. The wood will light up almost immediately. Follow from STEP 4 above to get your fire back up and firebox fully loaded, for your next long burn.

Always leave a minimum 1–2 inches of ash. This will insulate the firebox base and maintain a higher temperature bed of hot coals and embers for a cleaner, longer burn.

PERFORMANCE OPTIONS

Pro-Series units offer flexibility and versatility. Enjoy the comfort of a crackling fire while entertaining *(Fast & High Burn)*, or set the unit to low and maintain heat for hours on a single load *(Long & Even Burn)*.

	Fast & High Burn	Long & Even Burn
		
	Desired for maximum heat and an aesthetically pleasing fire for ambience.	Maintaining a desired long burn and even heat level. Perfect for overnight use or while away from the home.
Burn Time	Shorter burn: 3-6 hours	Longer burn: 10-14 hours
Temperature	Medium-high output	Steady even output
Reloading	More frequent to maintain desired appearance and ambience	Less frequently; 2-3 times per day depending on desired heat output
Visual Appearance	Large flickering flames; wood crackling; fire moves upward through the catalyst near the top front of the unit, and through the flue	Lower flame height; surface of wood appears as white ash; fuel 'bakes'; logs slowly consume themselves; catalyst glows red
Log size	Small, medium, large sized pieces of seasoned wood as required to provide the desired fire effect	Large, dense, seasoned hardwood logs deliver best results
Bypass Damper	Closed, after temperature reaches active zone (beyond 500º F, 260º C)	Closed, after temperature reaches active zone (beyond 500º F, 260º C)
Draft Control	Open (or partially open) to provide desired results	Closed (or mostly closed)

WOOD SIZE GUIDE

FOR BEST RESULTS:

- *Use soft wood for **Kindling** and **Medium** split logs for a fast burn*
- *Use seasoned hard wood **Large** logs for a long burn (moisture content should be 20% or less)*

Represents approximately 1/2 full load for a Pro-Series insert

DID YOU KNOW?

Hardwood will burn for longer than the equivalent amount of softwood.

WHEN RELOADING:

Each time you load fresh wood into the firebox, it is important to **first fully open the bypass damper and the draft control** to prevent smoke from rolling out.

Since reloading causes the unit to drop in temperature allow it to run for 10-15 minutes before closing the bypass, and a further 10-15 minutes before closing the draft control.

SAFE REMOVAL OF ASHES

Always assume ashes are still hot, use a steel bucket for disposal.

PROJECT BRIEF: PRO-SERIES USER GUIDE

Identify The Goal

**Header should be persuasive*

Customer Acquisition

- Pro-Series User Guide

= Guide for: Optimal Wood Burn with Regency's Pro Series Units

Identify The Audience

Pro-Series product owners
*(both **unexperienced and experienced** wood burners)*

Core Message

Understanding the Pro-Series technology and proper wood burning process will help the customer reach the optional wood burn.

Be Relevant

**Make it short & simple*
**Tell something new*
**Divide content into 5–10 blocks*
**AN AVERAGE USER WILL SPEND 3 MINS READING IT*

- Different wood burning experience for units with Eco-Boost™ technology
- Pro-Series uses Eco-Boost™ technology
  (Hybrid combination = Secondary Air Tube + Catalytic Combustor)