

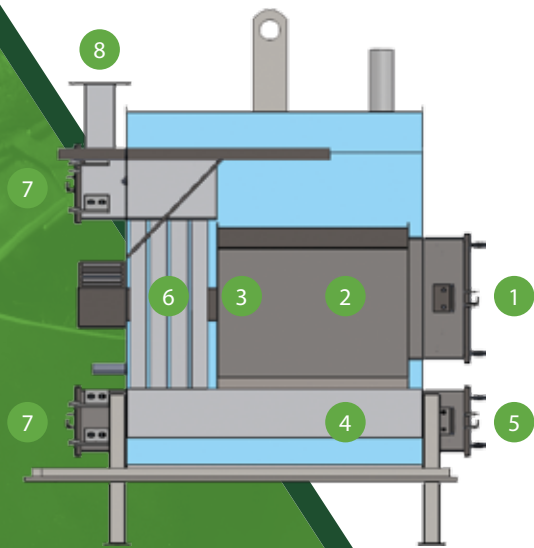


CROWN ROYAL STOVES



PUSHING THE LIMITS
OF WHAT IS POSSIBLE





PARTS BREAKDOWN & DESIGN

1: Firebox Door: Extra large, insulated door for easy fuel loading. Equipped with our signature, double safety, latch handle system.

2: Primary Burn Chamber: Large sealed firebox chamber allowing wood to burn only when air is introduced.

3: Air Delivery Panels: Designed to distribute, preheated, outside air, evenly within the firebox.

4: Secondary Combustion Chamber: Exhaust gases from the firebox are injected, with air, to achieve temperatures up to 2,100°F and 99% fuel combustion.

5: Secondary Combustion Chamber Doors: Wide insulated door providing access to the secondary combustion chamber for cleaning.

6: Heat Transfer Tubes: Strategically placed in the water reservoir to transfer heat to the water, assisting in achieving high efficiency and low emissions.

7: Insulated Heat Exchanger Doors: Large insulated door for easy cleaning of heat transfer tubes.

8: Stainless Steel Flue: Compared to conventional flue exhausts which have temperatures between 800° F - 1000° F, our Pristine Series has a flue exhaust as low as 280° F.

HEAT YOUR HOME THE GREENER WAY

Greentech Manufacturing Inc. is based in the “**The Icebox of the Nation**”, International Falls, MN, where temperatures reach -40° F during the winter months. Each furnace model we manufacture has been rigidly tested to push the limits of what is possible, producing one of the most efficient & reliable furnaces on the market, backed by a **20 Year Limited Warranty**.

Manufactured 100% in the USA, Crown Royal Stoves, Pristine Series, has been designed to dramatically reduce emissions with the aid of an advanced air delivery system, reducing your carbon footprint and **exceeding EPA standards**.



EPA PHASE 2 QUALIFIED

Crown Royal Stoves, Pristine Series, were designed with the highest required standards in mind. Our EPA Phase 2 Qualified stoves are one of the cleanest burning units available.

INCLUDED

Ash Rake:

Easily clean the fly ash in the Secondary Burn Chamber.



Burn
Air D

PRISTINE SERIES FEATURES

409 Titanium Enhanced Stainless Steel Firebox

& Water Jacket: Developed to withstand the high temperatures of gasification, 409 Stainless Steel ensures the best corrosion resistance, maximum heat transfer and strength needed for the firebox and water jacket.

Digital Control Panel: The illuminated digital control panel was designed to be simple to use and read.

Firebrick Refractory: Durable and custom designed to withstand, and store, heat used in the gasification process to achieve low thermal conductivity for greater energy efficiency.

Easy Maintenance: Insulated exchanger doors provide you with easy access to the heat transfer tubes for general cleaning.

Insulated Rear Access Doors: Large rear access will ensure easy installation of necessary pumps and fittings.

Water Level Indicator: Easy to read water level indicator will keep you informed when additional water must be added.

Stainless Steel Chimney: Equipped with Class A insulated stainless steel chimney and can be easily extended when needed.

THE PRISTINE ADVANTAGE

- Less wood consumption, saving you more money.
- Improved, smoke free combustion for a clean burn.
- Thermal & energy efficiency with fewer emissions, providing environmentally responsible heat.
- Reliable design, giving you convenient, time saving features including easy maintenance & extended burn times.
- Refires automatically, when needed, to maximize & control energy use and heat delivery.
- Reduce your carbon footprint by using renewable heat sources and become carbon neutral.

APPLICATIONS

- Residential Homes
- Pools / Hot Tubs
- Domestic Hot Water
- Radiant In-Floor Heating
- Commercial Buildings
- Greenhouses
- Garages & Workshops
- Barns & Agricultural Buildings



Water Level Indicator:

Reliable mean of maintaining an accurate level of water in your furnace at all times.



Air Tube Cleaning Whip:

Equipped with a drill adapter, this 5' flexible rod will ensure your furnace is clean and running at peak performance.



Secondary Combustion Chamber & Delivery Panels



Secondary Combustion Chamber Heat Shield

Secondary Combustion Chamber



Back Access Panel



Heat Transfer Tubes

Adjustable Hinge Design

SPECIFICATIONS

Estimated Weight:	1,752 lbs
Width:	47"
Length:	66"
Height:	73"
Max Firewood Length:	28"
Chimney Size:	6"
Door Size:	18" x 18"
Supply Size:	1 - 1-1/4"
Return Size:	1 - 1-1/4"
Water Capacity:	190 Gallons
Turbo Fan:	3,000 rpm
Approximate Sq. Ft.	2,000 - 3,000
Approximate BTU's	125,000
TYPE 409 Stainless Steel:	YES



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manufacturing inc.

GREENTECH MANUFACTURING INC.

International Falls, MN • 56649

W: www.crownroyalstoves.com

P: 1-866-361-7355 F: 1-218-283-5786

AUTHORIZED DEALER

800-968-8604

