

Theelin Providence Pellet Insert

The Inside Story



Well proportioned furniture detailing, energy efficient DC technology, and outstanding maintenance features your customers will love!

Theelin Hearth Products is proud to introduce the Theelin Providence pellet insert stove. The Providence embodies the handcrafted quality that has come to define Theelin Hearth Products.

Our design team set out to integrate traditional and contemporary styling elements with fine furniture detailing. The Providence Insert is a classic and timeless original. Rather than copy others, our designers created a work of art that is well proportioned and superbly finished.

Our engineering team was asked to develop the easiest pellet insert to clean and service on the market today. Working with dealers and service technicians, our team of professionals accomplished their mission, incorporating innovative maintenance features that are sure to win the hearts of Theelin dealers and customers alike.

The Providence Insert has many maintenance related features that your service techs will love.

Easy access to flue— The side mounted flue is easily reached through the left swing out decorative panel. A cleanout door provides access to the area below the flue for cleaning and forms a passageway for a 3" or 4" brush and flexible rod to pass directly up into the chimney liner. This design facilitates cleaning the entire flue with a brush and flex rods thus *eliminating* the need to remove the insert during the heating season.

A buckle allows the flue outlet and liner to be quickly and easily disconnected without the need for hand tools so that the insert can be pulled out for yearly cleaning.

Specialty ash vacuum ports facilitate cleaning and reduce airborne fly ash— Located on both sides are cleanout ports that allow easy cleaning access to the insert's horizontal passageways all the way back to the combustion/convection fan. When one passageway is being cleaned with the brush and flex rod, an ash vac hose can be inserted into the other port to remove debris and airborne fly ash. This design not only makes the insert easier to clean, but greatly reduces airborne dust within the home. We recommend that all ash vacs are equipped with HEPA filters (sheet rock dust filters.)



Track system and rollers facilitate removal— Rollers coupled with a bolt on track system make it easy to remove the insert for yearly maintenance. The rollers and track system are available for both the Providence and the Providence Signature series inserts as an accessory.

Repair and replace of components is easy— Every aspect of cleaning and servicing the Providence Insert has been reviewed by experienced pellet appliance technicians. As a result, every component and fastener has been designed to reduce service time, improve accessibility and eliminate skinned knuckles.

Lintel bar rods lock the insert into place— Adjustable rods lock the insert in place against the lintel bar so that the surround and insert are positioned correctly within the fireplace cavity.

Leg levelers in key positions— Two leg levelers with sound dampening pads are located in key positions under the front of the insert. These legs provide approximately 1" of adjustment.

Great technology sets the Providence apart from ordinary pellet stoves

Like other Thelin pellet stoves the Providence Insert has DC motors which provide these advantages over pellet stoves using standard house current (AC):

Power up with solar— The Providence Insert's sophisticated DC control technology and onboard microprocessor give you the freedom to use a battery, a generator or harness the power of the sun— completely off the grid! With a small solar panel and battery storage system, operating costs are minimal.

8x more efficient than most other pellet stoves— The Providence Insert's innovative two motor design uses less electricity than most light bulbs! Drawing only 35 watts of power at the highest setting the Providence's energy sipping design greatly reduces homeowner operating costs.

No Power, No Problem! All Providence models can be equipped with a 12 volt 8Ah battery that automatically keeps the stove running for 2-3 hours in the event of a power outage. Additionally, an auxiliary battery can be easily installed without the need for expensive inverters required on ordinary AC motor equipped inserts. The Providence can work in conjunction with an auxiliary battery. All these options are available for a minimal investment and will allow you to run the stove for days. The Providence Insert's **unique trickle charge system automatically recharges the battery when power is restored.**

Brushless feed motor— The Providence Insert uses a brushless auger motor which provides greater durability, Ultra-Quiet operation and improved performance.



Reliable American made igniter— The Providence uses our standard Tempco with forced air ignition system which has proven to be reliable and easy to change out if it ever fails.

The Providence Insert has convenience features your customers will love

Easy access to controls— The circuit board and controls are conveniently located at the top right of the insert and hidden by a decorative access door with magnetic catch. The power receptacle, fuses, auxiliary battery switch, thermostat and banana cable terminals are located behind the bottom right decorative panel. The power cord can be located on the right or the left of the insert to reach the nearest outlet.

Advanced heat exchanger— Heat exchanger fins greatly improve heat transfer from the fire chamber to the convection air passageways on each side of the insert. Convection air is channeled over these fins as well as the top of the fire chamber so that the maximum amount of heat can be transferred. Unlike ordinary pellet inserts, heated convection air comes out through grills at the sides as well as over the top of the fire chamber. The increased surface area provided by this heat exchanger gives the Providence approximately 75% heating efficiency.

Adjustable hopper gives the homeowner the maximum capacity for each fireplace— Unlike many of the inserts on the market which are only available with fixed hopper sizes, the Providence hopper is fully adjustable from 22" to 26" to provide maximum hopper capacity for each size fireplace opening. Depending upon the position of the hopper it can hold 38 lbs at the lowest 22" setting up to 52 lbs at the 26" setting.

Contoured top panel acts as a funnel for the hopper— The top of the insert has sloping surfaces so that loose pellets can be easily brushed into the hopper during loading. This eliminates the danger of the pellets falling into the insert body or back into the fireplace cavity. The hopper gasket is located on the hopper door not the top plate to minimize wear and tear during loading.

Mirrored glass— The specially coated glass functions as a one way mirror, covering the fire chamber when the stove is off yet allowing unobstructed fire viewing while the stove is on.

Push-button control with clean function— The Providence's user friendly control panel and micro-processor provides adjustment to accommodate fuel quality and heat content of wood pellets. Additionally, the clean function provides a vacuum assist to keep airborne dust from entering the room during routine maintenance.

Easy to clean powder coated surface finishes— The Providence and Providence Signature come standard with a durable black powder coated face and surround. The fire box is painted using high temperature metallic black paint. A number of durable and attractive powder coat finish options are available for an additional \$100-\$200 depending upon your selection. All optional powder coat finishes are easy to clean and won't fade over time.



Decorative trim and grill options— The Providence will have a number of grill patterns and decorative inlays to choose from. Inlays will be either natural stone, ceramic tile or wood. Both the grills and the inserts will be easy to install and change out with simple hand tools.

The Providence Insert is available in two great looking models

The Providence Signature— *Traditional styling with raised panels and furniture detailing.*

The Providence— *Transitional styling with curved side panels and smooth surround.*

Both models come standard with easy access cleaning ports, quick disconnect flue outlet, adjustable hopper, brushless feed motor, air wash system, automatic electronic ignition, mirrored glass, venture fire pot, trickle charge and plug and play battery systems.

Optional accessories for both models include: Internal battery, designer inlays (stone, tile or wood), designer grills, track system, rollers, remote thermostat, outside air kit and auxiliary battery cables.

Great looks and great performance

The Providence has been tested to meet the Phase II compliance standards.

Emissions: 1.2 g/hr

BTU: 45,800

Efficiency: Approximately 75%

Having met the necessary standards the Providence will be EPA Certified.

We invite you to see for yourself why the Thelin Providence Insert is the most unique insert on the market today.

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