

I1203S Wood Insert

Owners & Installation Manual





Installer: Please complete the details on the back cover and leave this manual with the homeowner.

Homeowner: Please keep these instructions for future reference.

Thank-you for purchasing a **REGENCY FIREPLACE PRODUCT**.

The pride of workmanship that goes into each of our products will give you years of trouble-free enjoyment. Should you have any questions about your product that are not covered in this manual, please contact the REGENCY DEALER in your area. Keep those REGENCY FIRES burning.

"This wood heater has a manufacturer set minimum low burn rate that must not be altered. It is against federal regulations to alter this setting or otherwise operate this wood heater in a manner inconsistent with operating instructions in this manual." Failure to follow the manual details can lead to smoke and CO emissions spilling into the home. It is recommended to have monitors in areas that are expected to generate CO such as heater fuelling areas.

"U.S. ENVIRONMENTAL PROTECTION AGENCY Certified to comply with 2015 particulate emission standards using crib wood". Not approved for sale after May 15, 2020."

Model Regency I2403 - 3.4 g /hr.

SAFETY NOTE: If this woodstove is not properly installed, a house fire may result. For your safety, follow the installation instructions, contact local building, fire officials, or authority having jurisdiction about restrictions and installation inspection requirements in your area.

The following statements are required by the Environmental Protection Agency:

"This manual describes the installation and operation of the Regency I2403 wood heater. This heater meets the 2015 U.S. Environmental Protection Agency's crib wood emission limits for wood heaters. Under specific test conditions this heater has been shown to deliver heat at rates ranging from 12,000 BTU/hr. to 36,800 BTU/hr." "This unit has been tested using 5G series and generates the best efficiency when operated using well-seasoned wood and installed in the main living areas where the majority of the chimney is within the building envelope and fully lined."

"It is against federal regulation to operate this wood heater in a manner inconsistent with operating instructions in this manual, or if any parts are removed. "It is against federal regulation to operate this wood heater in a manner inconsistent with operating instructions in this manual.

CAUTION: BURN UNTREATED WOOD ONLY. OTHER MATERIALS SUCH AS WOOD PRESERVATIVES, METAL FOILS, COAL, PLASTIC, GARBAGE, SULPHUR OR OIL MAY DAMAGE THE HEATER

"This heater is designed to burn natural wood only. Higher efficiencies and lower emissions generally result when burning air dried seasoned hardwoods, as compared to softwoods or to green or freshly cut hardwoods."

DO NOT BURN:

- · Treated wood
- · Lawn clippings or yard waste
- Coal
- Materials containing rubber including tires
- Garbage
- · Materials containing plastic
- · Cardboard
- Waste petroleum products, paints or paint thinners or asphalt products
- Solvents
- · Materials containing asbestos
- · Colored Paper
- · Construction or demolition debris
- Trash
- Railroad ties

- · Manure or animal remains
- Saltwater driftwood or other previously salt water saturated materials
- Unseasoned wood
- Paper products, cardboard, plywood or particle board. The prohibition against burning these materials does not prohibit the use of fire starters made from paper, cardboard, saw dust, wax and similar substances for the purpose of starting a fire in a wood heater

Burning these materials may result in release of toxic fumes or render the heater ineffective and cause smoke.

The authority having jurisdiction (such as Municipal Building Department, Fire Department, Fire Prevention Bureau, etc.) should be consulted before installation to determine the need to obtain a permit.

This unit must be connected to either a listed factory built chimney suitable for use with solid fuels and conforming to ULC629 in Canada or UL-103HT in the United States of America or code approved masonry chimney with flue liner.

12403 is tested and certified to ULC-S628 and UL1482.

SAVE THESE INSTRUCTIONS

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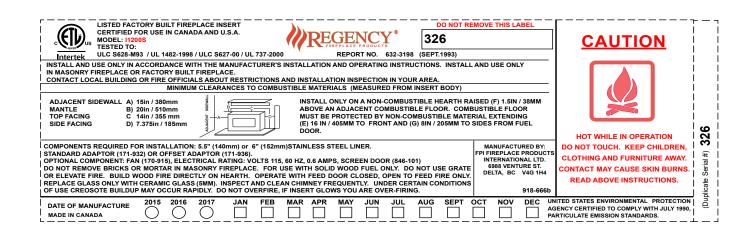


NATIONAL FIREPLACE INSTITUTE We recommend that our products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute (NFI) or in Canada by Wood Energy Technical Training (WETT).

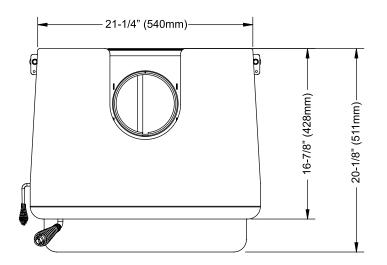
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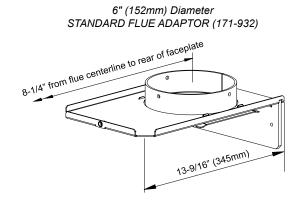
This is a copy of the label that accompanies each **I1203S Wood Insert**. We have printed a copy of the contents here for your review.

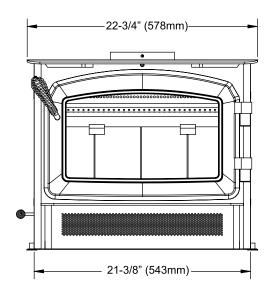
NOTE: Regency units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

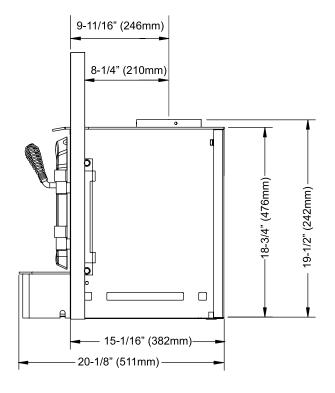


WITH STANDARD FLUE ADAPTOR

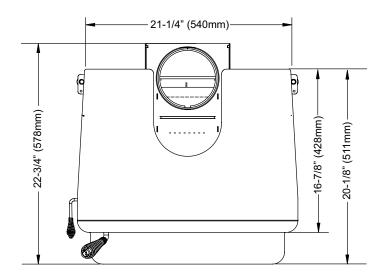


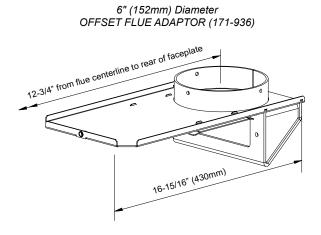


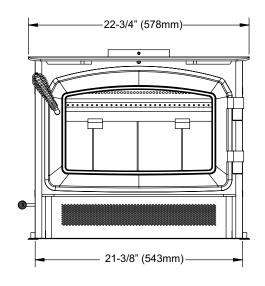


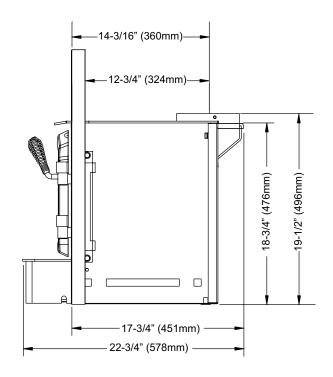


WITH OFFSET FLUE ADAPTOR









Regency Inserts are constructed with the highest quality materials and assembled under strict quality control procedures that ensure years of trouble free and reliable performance.

It is important that you read this manual thoroughly and fully understand the installation and operating procedures. Failure to follow instructions may result in property damage, bodily injury or even death. The more you understand the way your Regency Insert operates, the more enjoyment you will experience from knowing that your unit is operating at peak performance.

BEFORE INSTALLING YOUR INSERT

- 1) Read all instructions before installing and using your fireplace insert. Install and use only in accordance with manufacturer's installation and operating instructions.
- 2) Check your local building codes Building Inspection Department. You may require a permit before installing your insert. Be aware that local codes and regulations may override some items in the manual.

WARNING: Careless installation is the major cause of safety hazard. Check all local building and safety codes before installation of unit.

- 3) Notify your home insurance company that you plan to install a fireplace insert.
- 4) Your fireplace insert is heavy and requires two or more people to move it safely. The insert and surrounding structure can be badly damaged by mishandling.
- 5) If your existing fireplace damper control will become inaccessible once you have installed your Regency Insert, you should either remove or secure it in the open position.
- 6) Inspect your fireplace and chimney prior to installing your insert to determine that it is free from cracks, loose mortar or other signs of damage. If repairs are required, they should be completed before installing your insert. Do not remove bricks or mortar from your masonry fireplace.
- 7) Do not connect the insert to a chimney flue servicing another appliance or an air distribution duct.

Emissions from burning wood or gas could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

CHIMNEY **SPECIFICATIONS**

Before installing, check and clean your chimney system thoroughly. If in doubt about its condition, seek professional advice. Your Regency Insert is designed for installation into a masonry fireplace that is constructed in accordance with the requirements of "The Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliance", N.F.P.A. 211, the National Building Code of Canada, or the applicable local code requirements.

The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA70, or the Canadian Electrical code, CSA C22.1.

Regency Inserts are designed to use either a 5.5" (140mm) or 6" (152mm) flue.

This insert must be connected to a code-approved masonry chimney or listed factory-built fireplace chimney with a direct flue connector into the first chimney liner section. The chimney size should not be less than or more than three times greater than the cross-sectional area of the flue collar.

Requirements for Installing Solid-fuel Inserts in Factory-built Fireplaces.

- 1) The insert must be tested and meet the requirements of UL 1482 (U.S.) and or ULC S628 (Canada) when tested in a masonry fireplace built per ULC S628.
- 2) The factory-built fireplace must be listed per UL 127 or ULC S610.
- 3) Clearances obtained from the masonry fireplace tests are also relevant for installation in factory-built fireplaces.
- 4) Installation must include a full height listed chimney liner type HT requirements (2100 degree F.) per UL 1777 (U.S.) or ULC S635 (Canada). The liner must be securely attached to the insert flue collar and the chimney top.
- 5) Means must be provided to prevent room air passage to the chimney cavity of the fireplace. This may be accomplished by sealing the damper area around the chimney liner, or sealing the fireplace front.

- 6) Alteration of the fireplace in any manner is not permitted with the following exceptions;
 - a. external trim pieces which do not affect the operation of the fireplace may be removed providing they can be stored on or within the fireplace for re-assembly if the insert is removed.
 - b. the chimney damper may be removed to install the chimney liner.
- 7) Circulating air chambers (i.e. in a steel fireplace liner or metal heat circulator) shall not be blocked.
- 8) Means must be provided for removal of the insert to clean the chimney flue.
- 9) Inserts that project in front of the fireplace must be supplied with appropriate supporting
- 10) Installer must mechanically attach the supplied label to the inside of the firebox of the fireplace into which the insert is installed.

"WARNING: This fireplace has been converted for use with a wood insert only and cannot be used for burning wood or solid fuels unless all original parts have been replaced, and the fireplace re-approved by the authority having jurisdiction."

FIREPLACE SPECIFICATIONS

Your fireplace opening requires the following minimum sizes:

Height: 19" (483mm) Width: 23" (584mm)

Depth:

(w/ standard flue adaptor) 13-3/4" (349mm) 16-1/2" (419mm) (w/ offset flue adaptor)

Two faceplates are available to seal the fireplace opening:

Standard 38" W x 26" H

44" W x 30" H Oversize

MASONRY AND FACTORY BUILT FIREPLACE CLEARANCES

The minimum required clearances to combustible materials when installed into a masonry or factory built fireplace are listed below.

	Unit	Adjacent Side Wall (to Side) A	Mantle ** (to Top) B	Top Facing (to Top of Unit) C	Side Facing (to Side of Unit) D	Minimum Hearth Extension* E	Minimum Hearth Thickness F	Minimum Hearth Side Extension* G	From Top of Unit H
Г	I1203S	15" (381mm)	20" (508mm)	14" (356mm)	7-3/8"(187mm)	16" (406mm	1.5" (38mm)	8" (203mm)	18-3/4"(476mm)

Side and Top facing is a maximum of 1.5" thick. Floor protection must non-combustible, insulative material with an R value of 1.1 or greater.

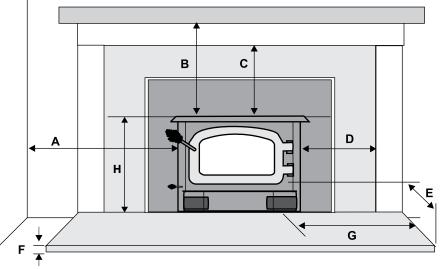
* If the hearth extension is flush with the floor (F) it must extend 19.5" in front of the body face (E).

Note: Hearth Extension Width (G) is measured from edge of fuel door to side of hearth.

- ** A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.
- *** Mantel depth, maximum of 10" (254mm).

Thermal floor protection is not required if the unit is raised 3.5" minimum (measured from the bottom of the stove). However, standard ember floor protection is required. It will need to be a non-combustible material that covers 16" (406 mm) in the US and 18" (450 mm) in Canada to the front of the unit and 8" (200 mm) to the sides.

If the unit is not raised, thermal floor protection required is 18" (450 mm) in the US and Canada.



Clearance diagram for installations

Floor Protection

Please check to ensure that your floor protection and hearth will meet the standards for clearance to combustibles. Your hearth extension must be made from a non-combustible material.

HOW TO DETERMINE IF ALTERNATE FLOOR PROTECTION MATERIALS ARE ACCEPTABLE

The specified floor protector should be 3/8" (18mm) thick material with a K - factor of 0.84.

The proposed alternative is 4" (100mm) brick with a C-factor of 1.25 over 1/8" (3mm) mineral board with a K-factor of 0.29.

Step (a):

Use formula above to convert specification to R-value.

R = 1/k x T = 1/0.84 x .75 = 0.893.

Step (b):

Calculate R of proposed system.
4" brick of C = 1.25, therefore
Rbrick = 1/C = 1/1.25 = 0.80
1/8" mineral board of k = 0.29, therefore
Rmin.bd. = 1/0.29 x 0.125 = 0.431
Total R = Rbrick + Rmineral board =
0.8 + 0.431 = 1.231.

Step (c):

Compare proposed system R of 1.231 to specified R of 0.893. Since proposed system R is greater than required, the system is acceptable.

DEFINITIONS

Thermal Conductance:

$$C = Btu = W (hr)(ft^2)({}^{\circ}F) (m^2)(K)$$

Thermal Conductivity:

$$k = (Btu)(inch) = W = Btu$$

 $(hr)(ft^3)(^{\circ}F)$ $(m)(K)$ $(hr)(ft)(^{\circ}F)$

Thermal Resistance:

$$R = (ft^2)(hr)({}^{\circ}F) = (m^2)(K)$$
Btu W

INSTALLING YOUR INSERT

SAFETY NOTE: The insert is very heavy and will require two or three people to move it into position. The insert can be made a little lighter by removing the cast iron door by opening it and lifting it off its hinges. Be sure to protect your hearth extension with a heavy blanket or carpet scrap during the installation.

NOTE: You will be required to purchase either the standard or offset 6" diameter (152mm) flue adaptor that is best suited for the specific installation.

List of Tools needed;

- Pull Rod (included with insert)
- 1/2" socket / ratchet
- 3/8 open face wrench
- 1) Install flex liner into existing chimney as per liner manufacturer's specifications. See diagram 1.
- 2) Install the required flue adaptor onto the end of the flex liner. Secure the adaptor using 3 screws - 1 on the front, left and right side as shown in diagram 2.

Alignment of the flue adaptor can be critical during the install, it is recommended that the flex liner be left as compressed as possible. Before inserting the unit the adaptor should hang, when level, slightly above the required height.



Diagram 1

Flex Liner

3) Install the unit by first setting the rear of the unit into the fireplace. See diagram 3. Ensure that the unit is centered in the



Diagram 3

- Slide the unit back until the flue adaptor is slightly engaged.
- 5) At this point it is recommended to level the unit and ensure that the leveling bolts rest on the surface of the fireplace. This will keep the adaptor from binding as the unit is slid into position.
- Insert the provided pull rod through the hole in the top center of the unit. Secure the threaded end into the flue adaptor as shown in diagram 4. While sliding the unit into place pull on the rod to ensure that the flue adaptor is properly engaged. See diagram 5.

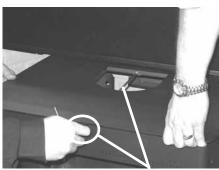


Diagram 4

Pull Rod

existing fireplace and lined up with the flue adaptor.

> Pull Rod In Place Diagram 5

- 7) Ensure that the unit is still level.
- To complete the installation and to ensure a secure fit and connection of the flue adaptor to the insert, it is essential that the two bolts, flat washers and lock washers (supplied with packaged manual) be installed and tightened using a 1/2" socket as shown in diagram 6. This prevents the possibility of creosote drip and exhaust gas leakage.

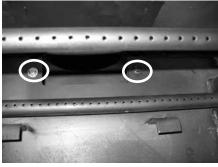
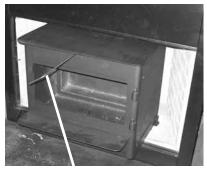


Diagram 6

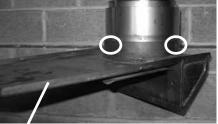
Remove the pull rod from the top center of the fireplace. See diagram 7.



Pull Rod

Diagram 7

- NOTE: The pull rod should not be thrown away. It should be kept if the stove is ever needed to be removed from the fireplace.
- 10) Re-install the door if removed prior to installation.



Flue Adaptor

Diagram 2

Secure adaptor using 3 screws - 1 in the front and 1 each on the left and right side.



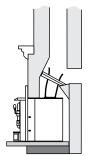
INSTALLATION INTO A MASONRY FIREPLACE

When referencing installation or connection to masonry fireplaces or chimneys, the masonry construction must or shall be code complying.

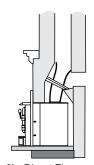
The insert must be installed as per the requirements of your local inspection authority. Three methods of flue connection are acceptable in most areas, these include:

- Positive flue connection, where a large blocking plate and a short connector pipe is used.
- Direct flue connection, where a smaller blocking plate and a connector pipe to the first flue liner tile is used.
- Full flue liner, where a stainless steel rigid or flexible liner pipe is routed from the insert outlet collar to the top of the chimney.

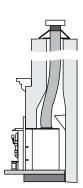
Regency highly recommends the use of a full liner as the safest installation and provides the most optimum performance. Your retailer should be able to help you decide which system would be the best for your application.



1) Positive Flue Connection with Cleanout



2) Direct Flue Connection with Cleanout



3a) Full Flue Liner (No Cleanout Required)

In Canada this fireplace insert must be installed with a continuous chimney liner of 5.5" (140mm) or 6" (152mm) diameter extending from the fireplace insert to the top of the chimney. The chimney liner must conform to the Class 3 requirements of CAN/ULC-S635 or CAN/ULC-S640, Standard for Lining Systems for New Masonry Chimneys.

Note: A clean-out door is sometimes required, by your inspector, to be installed when either the Positive flue connection or Direct flue connection method is used.

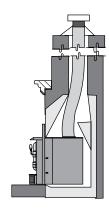
The use of one of the connection methods listed on this page not only increases the safety of your insert by directing the hot gases up the flue, but will also help increase the unit's efficiency and decrease creosote deposits in the chimney.

When a connected flue or liner is in use, the insert is able to "breathe" better by allowing a greater draft to be created. The greater draft can decrease problems such as, difficult start-ups, smoking out the door, and dirty glass.

INSTALLATION INTO A FACTORY BUILT FIREPLACE

- 1) When installed in a factory built fireplace, a full stainless steel rigid or flexible flue liner is mandatory, for both safety and performance purposes. When a flue or liner is in use, the insert is able to breathe better by allowing a greater draft to be created. The greater draft can decrease problems such as, difficult start-ups, smoking out the door, and dirty glass.
- 2) In order to position the flue liner, the existing rain cap must be removed from your chimney system. In most cases the flue damper should also be removed to allow passage of the liner.
- In most cases opening the existing spark screens fully should give enough room for the insert installation. If it does not, remove and store.

- 4) If the floor of your fireplace is below the level of the fireplace opening, adjust the insert's levelling bolts to accommodate the difference. When additional shimming is required, use non-combustible masonry or steel shims.
- 5) Measure approximately the alignment of the flue liner with the position of the smoke outlet hole on the insert to check for possible offset. If an offset is required, use the appropriate offset adaptor in your installation.



6) Once the above items have been checked, slide your insert into position after first positioning and securing the flue liner to the offset adaptor.

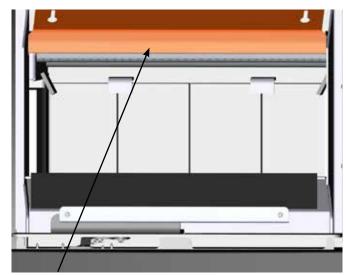
Attach the rod to the adaptor and slide the adaptor onto the unit as the unit is slid into position. Ensure a positive connection.

Secure the adaptor to the unit by using 2 bolts, flat washers, lock washers and one screw in the front.

Re-install raincap at completion of installation.

STAINLESS STEEL SMOKE DEFLECTOR ADJUSTMENT / REPLACEMENT

The stainless smoke deflector is located in the upper front area of the firebox. The deflector is held in place with 2 bolts Prior to the first fire, ensure deflector is seated properly and secured with 2 hand tightened bolts.





Ensure defector is seated so bolts are situated at the top of the keyhole before tightening.

Smoke deflector

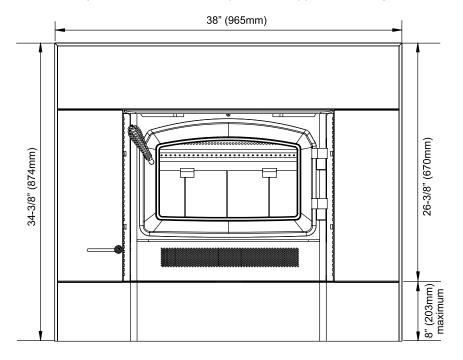
Smoke deflector is installed through the door opening in location shown in diagram

To replace the deflector, loosen off both bolts and slide defector upward and out. Install new defector and hand tighten bolts. Ensure positive location of the defector prior to hand tightening.

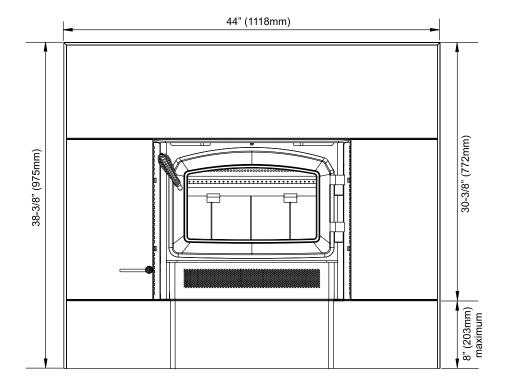
WARNING: Operation of the unit with out proper installation of smoke deflector will void warranty.

FACEPLATE, TRIM & OPTIONAL BOTTOM FACEPLATE & FAN SUPPORT INSTALLATION

Regular Faceplate Dimensions (shown with bottom faceplate/fan support attached):



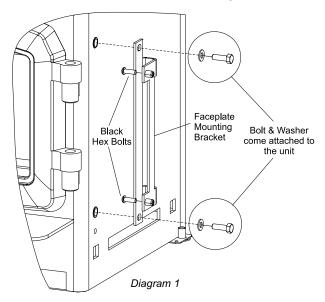
Oversize Faceplate Dimensions (shown with bottom faceplate/fan support attached):



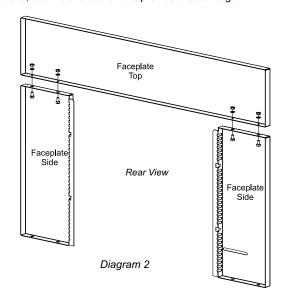
Regular/Oversize Faceplate Installation:

- 1) Thread the black 1/4" x 3/4" long hex bolts into the faceplate mounting bracket as shown in Diagram 1, leaving them approximately 1/4" out.
- Fasten the faceplate mounting bracket to the side of the insert using 2 bolts for the top and bottom, see Diagram 1. Repeat for other side.

NOTE: The bolt and washer come attached to the side of the insert and need to be removed and reused for fastening.



3) Assemble the faceplate sides and top using the 1/4" x 1/2" long hex bolts, lock washers and nuts provided. See Diagram 2.



If the insert is going to sit on the hearth proceed to "Faceplate Trim Installation" (step 8) otherwise continue on to "Bottom Faceplate Installation" (step 4).

Optional Regular/Oversize Bottom Faceplate Installation:

4) Position the assembled faceplate side and top to the insert. Ensure to align the draft rod into the opening of the faceplate as well as the side faceplate slots with the bolts in the mounting brackets as shown in Diagram 3.

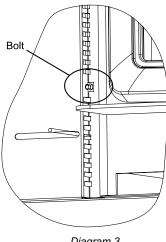
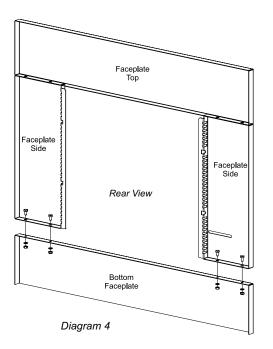


Diagram 3

- 5) Measure the height between the hearth and the bottom of the side faceplate.
- Cut the bottom faceplate to the measured height using a metal cutting blade.
- Remove the faceplate assembly from the insert and attach the cut bottom faceplate to the faceplate sides using the 1/4" x 1/2" long hex bolts, lock washers and nuts provided as shown in Diagram 4.



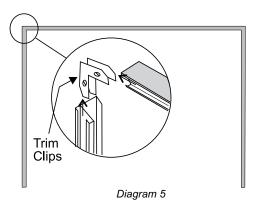
installation

Regular/Oversize Faceplate Trim Installation:

(Black Trim included with Regular/Oversize Faceplate or Bottom Faceplate)

8) Assemble the left and right side trim to the top trim using the trim clips provided as shown in Diagram 5.

NOTE: When using the optional bottom faceplate kit (part #171-928 for Regular or 171-930 for Oversize), the kit contains 2 long right/left black trims. These will need to be cut to size depending on the overall height of the faceplate prior to assembling the trims. Use a hack saw with a fine blade or cut off saw to cut the ends of the black trim. The right/left black trim that were supplied with the regular/oversize faceplate can be recycled as it is not required.



- 9) Fit the trim assembly over the faceplate assembly. See Diagram 6.
- 10) Drill two 5/32" diameter holes through the trim and side panels and screw the trim to the panels using the self tapping screws provided as shown in Diagram 6.

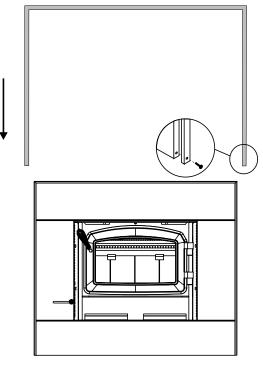
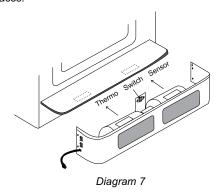


Diagram 6: Shown with Optional Bottom Faceplate

11) Mount the completed faceplate / trim assembly to the insert. Ensure to align the side faceplate slots with the hex bolts in the mounting brackets and tighten to secure in place.

Fan Installation:

- 12) Install the fan assembly to ash lip of insert as shown in Diagram 7.
 - a) Align the fan with the offset clips on the bottom of the ashlip.
 - b) Slide the supports into the clips. The tension holding the clips in place may be adjusted by increasing or decreasing the offset spacing of the clips.
 - c) Ensure that the power cord is not in contact with any hot stove surfaces.



Optional Fan Support / Bottom Faceplate Installation:

13) To install the optional fan support, measure the distance between the hearth and the bottom surface of the fan housing as shown in Diagram 8.

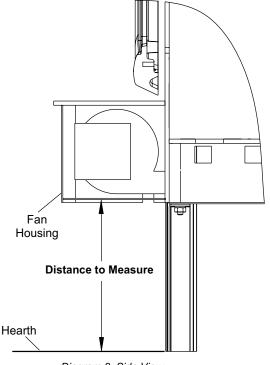


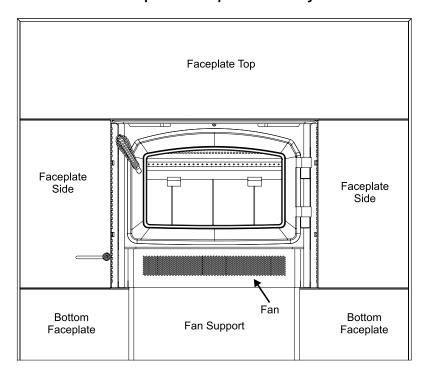
Diagram 8: Side View

- 14) Cut the bottom edge of the fan support and bottom faceplate (using a metal cutting blade) to the length measured in step 13.
- 15) Remove the fan assembly from the ash lip of the insert and position the fan support to the bottom of the fan assembly.
- 16) Drill 4 x 5/32" holes to the underside of the fan assembly using the holes in the fan support as a guide. See Diagram 9.
- 17) Secure the fan support to the fan assembly using 4 self tapping screws. See Diagram 9.
 - Fan Drill 4 x 5/32" holes Fan Support

Diagram 9: Rear / Bottom View

- 18) Secure the bottom faceplate to the 3-sided faceplate using the 4 supplied bolts/washers.
- 19) Discard both side trims that were included with the regular/oversize faceplate and replace with the new extended trims supplied with the fan support/bottom faceplate. Cut to desired length.
- 20) Fit the trim assembly over the faceplate assembly. See Diagram 6.
- 21) Drill two 5/32" diameter holes through the trim and side panels and screw the trim to the panels using the self tapping screws provided as shown in Diagram 6.
- 22) Re-attach the fan/fan support assembly to the ash lip of the insert.

Completed Faceplate Assembly



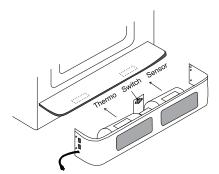
Installer: Please record unit serial number here before installing blower.

Serial No.______

FAN / BLOWER

Your fan should only be installed once the unit is in place in order to prevent any damage to the fan.

- 1) Align the fan support with the offset clip on the bottom of the ashlip.
- Slide the supports into the clips. The tension holding the clips in place may be adjusted by increasing or decreasing the offset spacing of the clips.
- 3) Ensure that the power cord is not in contact



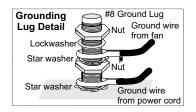
with any hot stove surfaces.

Do not turn fan ON until your insert has reached operating temperature or at least 30 minutes after starting fire.

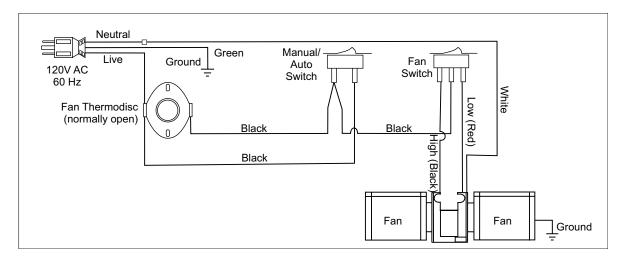
CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

WARNING:

Electrical Grounding Instructions
This appliance is equipped with a
three pronged (grounding) plug for
your protection against shock hazard
and should be plugged directly into
a properly grounded three-prong
receptacle. Do not cut or remove the
grounding prong from this plug.



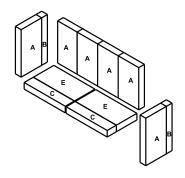
Wire98ar.eps



Blower / Fan Wiring Diagram

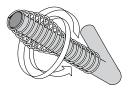
FIREBRICK ASSEMBLY

Firebrick is included to extend the life of your insert and radiate heat more evenly. Check to see that all firebricks are in their correct posi-



DOOR HANDLE

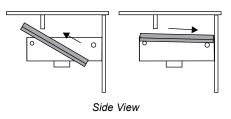
Attach spring handle by rotating counter clockwise onto rod. Ensure that the rod fits into the entire length of the spring handle.



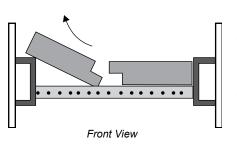
BRICK FLUE BAFFLE & **SECONDARY AIR TUBE** INSTALLATION

The flue baffle system located in the upper area of the firebox is removable to make cleaning your chimney system easier. The brick baffles must be installed prior to your first fire. Smoke spillage and draft problems may occur if the baffles are improperly positioned. Check the position of the brick baffles on a regular basis as they can be dislodged if too much fuel is forced into the firebox.

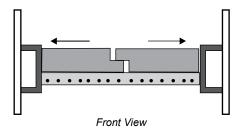
- 1) If the two air tubes are installed continue on to Step 2), if not, follow the instructions below. Install the air tube into the holes in the side channels. The notch goes on the right hand side with the air holes facing toward the door. Slide the tube into the left hand side, as far as possible and then bring it back into the hole on the right hand side until it locks into position. If the tube will not slide in easily simply use a pair of vise grips or pliers and tap it into place with a hammer. A tighter fit will ensure the tube will not move when the unit is burning.
- 2) Slide the left baffle brick over the front air tube and then slide it back over the rear air tube.



3) Tilt the left baffle brick up on top of the side channel and it will leave enough room to position the right baffle brick in the same manner as Step 1) above. Then reposition the left baffle brick flat on the air tube.



4) Important: push both baffle bricks so they are tight against the side walls and to the back.

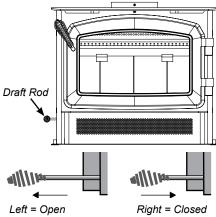


Note: When getting the chimney cleaned, remove the baffle bricks for access to the flue, then replace them when cleaning is completed.

tions and have not become misaligned during shipping

DRAFT CONTROL

Before establishing your first fire, it is important that your fully understand the operation of you draft control. The draft rod is on the left side of the Insert and it controls the intensity of the fire by increasing or decreasing the amount of air allowed into the firebox. To increase your



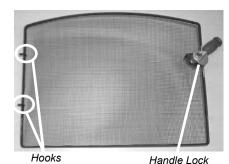
draft - slide left, and to decrease - slide right.

As well as a primary and glass wash air system, the unit has a full secondary draft system that allows air to the induction ports at the top of the firebox, just below the flue baffle.

WARNING: To build a fire in ignorance or to disregard the information contained in

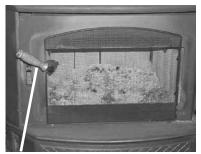
SCREEN DOOR

Hook screen to the inside on the right side of the firebox door opening. Lock in place by turning handle.



Back Side of Screen Shown

NOTE: The handle must be positioned at 10 o'clock when closed to avoid the handle from getting hot and to ensure the screen stays in place.



Handle at 10 o'clock position.

WARNING

Operate with doors fully open or fully closed. If doors are left partly open, gas and flame may be drawn out of the opening, creating risks from both fire and smoke.

When operated with doors fully open the manufacturer supplied screen must be used. this section can cause serious permanent damage to the unit and void your warranty.

FIRST FIRE

When your installation is completed and inspected, you are ready for your first fire.

- 1) Open draft control fully.
- 2) Open firebox door and build a small fire using paper and dry kindling, wait a few minutes for a good updraft in the flue to establish the fire. Leaving the door slightly open will help your fire start more rapidly.

CAUTION: Never leave unit unattended if door is left open. This procedure is for fire start-up only, as unit may over-heat if door is left open for too long.

- 3) With the draft still in the fully open position, add two or three seasoned logs to your fire. Form a trench in the ash bed to allow air to reach the rear of the firebox prior to closing the door.
- 4) After about 15 to 20 minutes, when your wood has begun to burn strongly, adjust your draft control down to keep the fire at a moderate level.

WARNING: Never build a roaring fire in a cold stove. Always warm your stove up slowly!

- 5) Once a bed of coals has been established, you may adjust the draft control to a low setting to operate the unit in its most efficient mode
- 6) During the first couple of hours, keep the combustion rate at a moderate level and avoid a large fire until the paint is cured. Only then can you operate the insert at its maximum setting, and only after the metal has been warmed.
- 7) For the first few hours, the insert will give off an odour from the paint. This is to be expected as the high temperature paint becomes seasoned. Windows and/or doors should be left open to provide adequate ventilation while this temporary condition exists. Burning the insert at a very high temperature the first few times may damage the paint. Burn fires at a moderate level the first few days.

- 8) Do not place anything on the insert top during the curing process. This may result in damage to your paint finish.
- 9) During the first few hours it may be more difficult to start the fire. As you dry out your fire brick and your masonry flue (if applicable), your draft will increase.
- 10) For those units installed at higher elevations or into sub-standard masonry fireplaces, drafting problems may occur. Consult an experienced dealer or mason on methods of increasing your draft.
- 11) Some cracking and popping noises may be experienced during the heating up process. These noises will be minimal when your unit reaches temperature.
- 12) Before opening your door to reload, open draft fully for approximately 10 to 15 seconds until fire has been re-established. This will minimize any smoking.
- 13) All fuel burning appliances consume oxygen during operation. It is important that you supply a source of fresh air to your unit while burning. A slightly opened window is sufficient for this purpose.

CAUTION: If the body of your unit starts to glow you are overfiring. Stop loading fuel immediately and close the draft control until the glow has completely subsided.

- 14) Green or wet wood is not recommended for your unit. If you must add wet or green fuel, open the draft control fully until all moisture has been dispersed by the intense fire. Once all moisture has been removed, the draft control may be adjusted to maintain the fire.
- 15) If you have been burning your insert on a low draft, use caution when opening the door. After opening the damper, open the door a crack, and allow the fire to adjust before fully opening the door.
- **16)** The controls of your unit should not be altered to increase firing for any reason.

FAN OPERATION

The fan is to be operated only with the draft control rod pulled out at least 1/2" from the fully closed position. The fan is not to be operated when the draft control rod is in the closed position (pushed in). The fully closed position is the low burn setting.

The fan must not be turned on until a fire has been burning for at least 30 minutes. Also note it is recommended that the fan be turned off before each fuel loading and again wait for 30 minutes before the fan is turned on again. This is too allow the stove to reach it's optimum temperature.

To operate fan automatically, push switch on side of fan housing to "Auto" and second switch to either "High" or "Low" for fan speed. The automatic temperature sensor will engage the blower when the unit is at temperature and will shut off the blower once the fire has gone out and the unit has cooled to below a useful heat output range.

To manually operate the fan system, push the first switch to "Man" and second switch to either "high" or "Low". This will bypass the sensing device and allow full control of the fan. Switching from "Auto" to "Manual" or "High" to "Low" may be done at any time.

ASH DISPOSAL

During constant use, ashes should be removed every few days. Please take care to prevent the build-up of ash around the start-up air housing located inside the firebox, under the loading door lip.

DO NOT ALLOW ASHES TO BUILD UP TO THE LOADING DOORS.

Only remove ashes when the fire has died down. Even then, expect to find a few hot embers. Always leave 1 to 2 inches of ash in the bottom of the firebox. This helps in easier starting and a more uniform burn of your fire.

Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a noncombustible floor or on the ground, well away from all combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the closed container until all cinders have thoroughly cooled. Other waste should not be placed in the ash container.

SOME SAFETY **GUIDELINES**

- 1) Never use gasoline, gasoline type lantern fuels, kerosene, charcoal lighter fuel, or similar liquids or chemicals to start or 'freshen up' a fire in your insert. Keep all such liquids well away from the heater while it is in use.
- 2) Never use alternate fuels such as charcoal that have the possibility of generating carbon
- 3) Keep the door closed during operation and maintain all seals in good condition.
- 4) Do not burn large quantities of paper in your
- 5) Do not burn garbage or flammable fluids.
- 6) If you have smoke detectors, prevent smoke spillage as this may set off a false alarm.
- 7) Do not overfire your insert. If the insert or its flue baffle begin to glow, you are overfiring. Stop adding fuel and close the draft control. Overfiring can cause extensive damage to your stove including warpage and premature steel corrosion. Overfiring will void your
- 8) Do not permit creosote or soot buildup in the chimney system. Check and clean chimney at regular intervals.
- 9) Your Regency Insert can be very hot. You may be seriously burned if you touch the insert while it is operating. Warn children of the burn hazard. Keep furniture and clothing
- 10) The insert consumes air while operating, provide adequate ventilation with an air duct or open a window while the insert is in
- 11) Do not use grates, irons or other methods for supporting fuel. Burn directly on the
- 12) Open the draft control fully for 10 to 15 seconds prior to slowly opening the door when refuelling the fire.
- 13) Do not connect your unit to any air distribution duct.
- 14) Your insert should burn dry, standard firewood only. The use of "mill ends" is discouraged as this fuel can easily overheat your insert. Evidence of excessive overheating will void your warranty. As well, a large portion of sawmill waste is chemically treated lumber, which is illegal to burn in many areas. Chemically treated fire logs also must not

be burned in your insert.

- 15) Do not store any fuel closer than 2 feet from your unit.
- 16) Do not burn salt drift wood as it will corrode your unit and void the warranty.
- 17) Do not strike or slam the glass door shut as this may cause the glass to break.
- 18) Do not operate the unit if the glass is broken or missing. Do not operate the unit if the gasketing is worn out and not sealing the door or the glass.

It is very important to carefully maintain your insert, including burning seasoned wood and maintaining a clean stove and chimney system. Have the chimney cleaned before the burning season and as necessary during the season, as creosote deposits may build up rapidly. Moving parts of your insert require no lubrication.

CREOSOTE

When wood is burned slowly, it produces tar and other organic vapors, which form creosote when combined with moisture. The creosote vapors condense in the relatively cool chimney flue of a slow-burning fire. As a result, creosote residue accumulates on the flue lining. When ignited, this creosote can make an extremely hot fire.

Removal for Cleaning etc.

Removal of your insert for cleaning purposes is usually not required if a proper installation has been done. In the event that removal is required, be sure not to damage any parts needed for re-installation. In most cases removal and replacement of the baffle system should allow full access for cleaning.

WARNING: Things to remember in case of chimney fire:

- 1) Close draft control
- 2) Call the Fire Department

Ways to Prevent and **Keep Unit Free of Creosote**

- 1) Burn insert with draft control wide open for about 15 minutes every morning during burning season. This helps to prevent creosote deposits within the heating system.
- 2) Burn insert with draft control wide open for about 10 - 15 minutes every time you add fresh wood. This allows the wood to achieve the charcoal stage faster and burns up any wood vapors which might otherwise be

deposited within the system.

- Only burn seasoned wood! Avoid burning wet or green wood. Seasoned wood has been dried at least one year.
- 4) A small hot fire is preferable to a large smouldering one that can deposit creosote within the system.
- Check the chimney at least twice a month during the burning season for creosote build-up.
- 6) Have chimney system and unit cleaned by competent chimney sweeps twice a year during the first year of use and at least once a year thereafter or when needed.

MAINTENANCE OF GOLD-PLATED DOORS

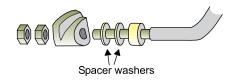
The gold electroplated finish on the doors requires little maintenance, and need only be cleaned with a damp cloth. DO NOT use abrasive materials or chemical cleaners, as they may harm the finish and void the warranty.

DOOR GASKET

If the door gasket requires replacement, 7/8" diameter material must be used. A proper high temperature gasket adhesive is required. A gasket repair kit, Part # 846-570 is available from your local Regency dealer.

DOOR LATCH ADJUSTMENT

The door latch may require adjustment as the door gasket material compresses over time. Removal of the spacer washer, shown in the diagram below, will allow the latch to be moved closer to the door frame, causing a tighter seal. Remove and replace the nuts, washer as shown.



GLASS CLEANING

Do not attempt to clean the glass when it is hot, allow the glass to cool before cleaning.

Do not use abrasive cleaners to clean the glass. Your local retailer can supply you with special glass cleaner if plain water and a soft cloth does not remove all deposits.

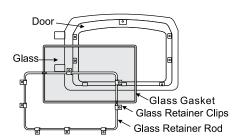
GLASS REPLACEMENT

Your Regency Insert is supplied with 5 mm. Neoceram ceramic glass that will withstand the highest heat that your unit will produce. In the event that you break your glass by impact -purchase your replacement from an authorized Regency dealer only, and follow our step-by-step instructions.

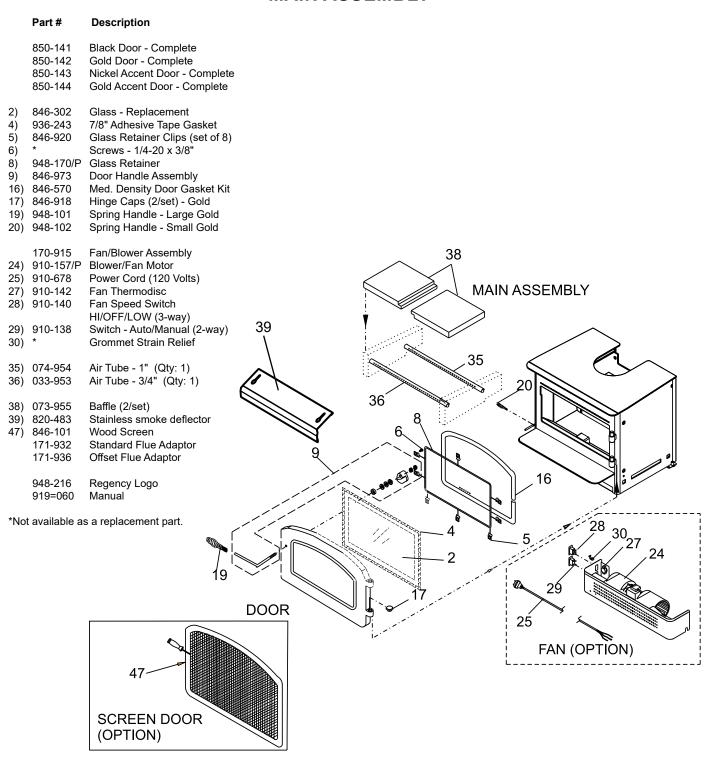
GLASS REMOVAL

Allow the stove to cool before removing or replacing glass. Remove the door from the insert and remove the glass retainer. Use caution when removing broken glass to prevent injury.

When placing the replacement glass in the door, make sure that the glass gasketing will properly seal your unit. Replace the retainer and tighten securely, but do not wrench down on the glass as this may cause breakage. Do not substitute materials. If your glass door does break, do not continue to use your unit until it has been replaced.

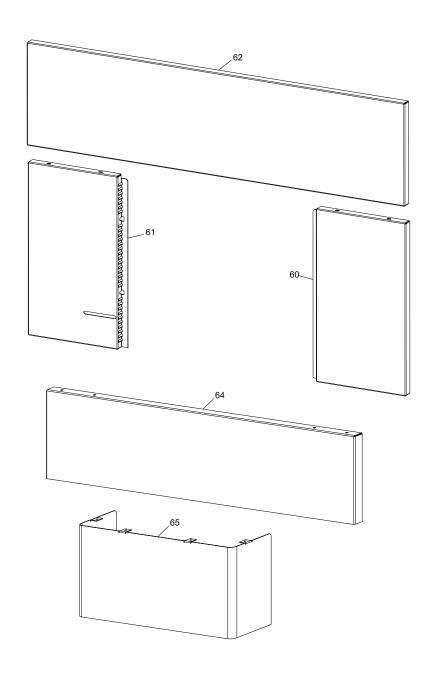


MAIN ASSEMBLY



FACEPLATES

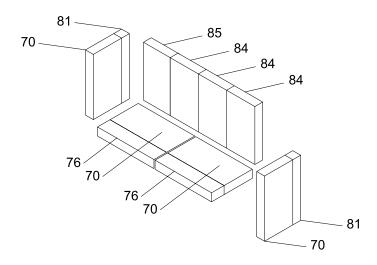
Part #	Description		
171-920	Faceplate & Trim Set - Regular - Black		
171-924	Trim Set - Regular Brass	60) *	Faceplate Right Side Regular / Oversize
171-570	Trim Set - Regular Black	61) *	Faceplate Left Side Regular / Oversize
		62) *	Faceplate Top Regular / Oversize
171-922	Faceplate & Trim Set - Oversize - Black		
171-926	Trim Set - Oversize Brass	64) *	Bottom 1 Piece Faceplate
171-572	Trim Set - Oversize Black	65 [°]) *	Fan Support
171-928	Bottom Piece and Fan Support - Regular		
		*Not available	e as a replacement part.
171-930	Bottom Piece and Fan Support - Oversize		



FIREBRICK

Part #	Description
170-960	Complete Brick Set
70) * 76) * 81) * 84) * 85) *	Brick Regular Full Size: 1-1/4" x 4-1/2" x 9" Brick Partial: 1-1/4" x 2" x 9" Brick Partial: 1-1/4" x 1-1/4" x 9" Brick Partial: 1-1/4" x 4-1/2" x 8" Brick Partial: 1-1/4" x 4-1/4" x 8"

^{*}Not available as a replacement part.



warranty

Limited Lifetime Warranty

FPI Fireplace Products International Ltd. (for Canadian customers) and Fireplace Products U.S., Inc. (for U.S. customers) (collectively referred to herein as "FPI") extends this Limited Lifetime Warranty to the original purchaser of this appliance provided the product remains in the original place of installation. The items covered by this limited warranty and the period of such coverage is set forth in the table below.

Some conditions apply (see below).

The policy is not transferable, amendable or negotiable under any circumstances.

Wood Products		Component Coverage			Labor Coverage	
Components Covered	Lifetime	5 years	2 years	1 year	Warranty	(Years)
Welded Firebox Steel	✓					5
All Stainless Steel Components, Smoke Deflectors, Heat Shields etc.	✓					3
Air Tubes	✓					3
Airmate	✓					3
Door handle and latch assembly, all hardware	✓					3
Glass Thermal Breakage Only	✓					3
Steel Faceplates, Accessory Housings	✓					3
All Plating	✓					3
Ash Drawer, Heatshields, Pedestal	✓					
All Baffles, Steel, Ceramic, Vermiculite	✓					
All castings, firebox, surrounds, doors, panels etc.		✓				3
All Electrical, Blower, wiring, switches etc.			✓			2
Glass - Crazing				✓		1
Catalyst Assembly					6 Years Prorated	3
Venting/Chimney				✓		1
Screens				✓		1

Conditions:

Warranty protects against defect in manufacture or FPI factory assembled components only, unless herein specified otherwise.

Any part(s) found to be defective during the warranty period as outlined above will be repaired or replaced at FPI's option through an accredited distributor, dealer or pre-approved and assigned agent provided that the defective part is returned to the distributor, dealer or agent for inspection if requested by FPI. Alternatively, FPI may at its own discretion fully discharge all of its obligations under the warranty by refunding the verified purchase price of the product to the original purchaser. The purchase price must be confirmed by the original Bill of Sale.

The authorized selling dealer, or an alternative authorized FPI dealer if pre-approved by FPI, is responsible for all in-field diagnosis and service work related to all warranty claims. FPI is not responsible for results or costs of workmanship of unauthorized FPI dealers or agents in the negligence of their service work.

At all times FPI reserves the right to inspect reported complaints on location in the field claimed to be defective prior to processing or authorizing of any claim. Failure to allow this upon request will void the warranty.

All warranty claims must be submitted by the dealer servicing the claim, including a copy of the Bill of Sale (proof of purchase by you). All claims must be complete and provide full details as requested by FPI to receive consideration for evaluation. Incomplete claims may be rejected.

Replacement units are limited to one per warranty term. Airtube and baffle replacements are limited to one replacement per term.

Unit must be installed according to all manufacturers' instructions as per the manual.

All Local and National required codes must be met.

The installer is responsible to ensure the unit is operating as designed at the time of installation.

The original purchaser is responsible for annual maintenance of the unit, as outlined in the owner's manual. As outlined below, the warranty may be voided due to problems caused by lack of maintenance.

Repair/replacement parts purchased by the consumer from FPI after the original coverage has expired on the unit will carry a 90 day warranty, valid with a receipt only. Any item shown to be defective will be repaired or replaced at our discretion. No labor coverage is included with these parts

Exclusions:

This Limited Lifetime Warranty does not extend to paint, rust or corrosion of any kind due to a lack of maintenance or improper venting, combustion air provision, corrosive chemicals (i.e. chlorine, salt, air, etc.), firebrick (rear, sides or bottom), door or glass gasketing, or any other additional factory fitted gasketing.

Malfunction, damage or performance based issues as a result of environmental conditions, location, chemical damages, downdrafts, installation error, installation by an unqualified installer, incorrect chimney components (including but not limited to cap size or type), operator error, abuse, misuse, use of improper fuels (such as unseasoned cordwood, mill-ends, construction lumber or debris, off-cuts, treated or painted lumber, metal or foil, plastics, garbage, solvents, cardboard, coal or coal products, oil based products, waxed cartons, compressed premanufactured logs), lack of regular maintenance and upkeep, acts of God, weather related problems from hurricanes, tornados, earthquakes, floods, lightning strikes/bolts or acts of terrorism or war, which result in malfunction of the appliance are not covered under the terms of this Limited Lifetime Warranty.

FPI has no obligation to enhance or modify any unit once manufactured (i.e. as products evolve, field modifications or upgrades will not be performed on existing appliances).

This warranty does not cover dealer travel costs for diagnostic or service work. All labor rates paid to authorized dealers are subsidized, pre-determined rates. Dealers may charge homeowner for travel and additional time beyond their subsidy.

Any unit showing signs of neglect or misuse will not be covered under the terms of this warranty policy and may void this warranty. This includes units with rusted or corroded fireboxes which have not been reported as rusted or corroded within three (3) months of installation/purchase.

Units which show evidence of being operated while damaged, or with problems known to the purchaser and causing further damages will void this warranty.

Units where the serial no. has been altered, deleted, removed or made illegible will void this warranty.

Minor movement, expansion and contraction of the steel is normal and is not covered under the terms of this warranty.

Freight damages for products or parts are not covered under the terms of the warranty.

Products made or provided by other manufacturers and used in conjunction with the FPI appliance without prior authorization from FPI may void this warranty.

warranty

Limitations of Liability:

The original purchaser's exclusive remedy under this warranty, and FPI's sole obligation under this warranty, express or implied, in contract or in tort, shall be limited to replacement, repair, or refund, as outlined above. IN NO EVENT WILL FPI BE LIABLE UNDER THIS WARRANTY FOR ANY INCIDENTAL OR CONSEQUENTIAL COMMERCIAL DAMAGES OR DAMAGES TO PROPERTY. TO THE EXTENT PERMITTED BY APPLICABLE LAW, FPI MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE EXPRESSED WARRANTY SPECIFIED ABOVE. IF IMPLIED WARRANTIES CANNOT BE DISCLAIMED, THEN SUCH WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some U.S. states do not allow limitations on how long an implied warranty lasts, or allow exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Customers located outside the U.S. should consult their local, provincial or national legal codes for additional terms which may be applicable to this warranty.

How to Obtain Warranty Service:

Customers should contact the authorized selling dealer to obtain warranty service. In the event the authorized selling dealer is unable to provide warranty service, please contact FPI by mail at the address listed below. Please include a brief description of the problem and your address, email and telephone contact information. A representative will contact you to make arrangements for an inspection and/or warranty service.

Canadian Warrantor:

U.S. Warrantor:

FPI Fireplace Products International Ltd. 6988 Venture St. Delta, British Columbia Canada, V4G 1H4

Fireplace Products U.S., Inc. PO Box 2189 PMB 125 Blaine, WA United States, 98231

Or contact the Regency Customer Care Centre at 1-800-442-7432 (phone) / 604-946-4349 (fax)

Product Registration and Customer Support:

Thank you for choosing a Regency Fireplace. Regency strives to be a world leader in the design, manufacture, and marketing of hearth products. To provide the best support for your product, we request that you complete a product registration form at http://www.regency-fire.com/Customer-Care/Warranty-Registration.aspx within ninety (90) days of purchase.



Product Registration and Customer Support:

Thank you for choosing a Regency Fireplace. Regency strives to be a world leader in the design, manufacture, and marketing of hearth products. To provide the best support for your product, we request that you complete a product registration form found on our Web Site under Customer Care within ninety (90) days of purchase.

For purchases made in **CANADA or the UNITED STATES**:

http://www.regency-fire.com/Customer-Care/Warranty-Registration.aspx

For purchases made in AUSTRALIA:

http://www.regency-fire.com.au/Customer-Care/Warranty-Registration.aspx

You may also complete the warranty registration form below to register your Regency Fireplace Product and mail and/or fax it back to us, and we will register the warranty for you. It is important you provide us with all the information below in order for us to serve you better.

Warranty Registration Form (or Register online immediately at the above Web Site):

Narranty Details				
Serial Number (required):				
Purchase Date (required) (mm/dd/yyyy):				
Product Details				
Product Model (required):				
Dealer Details				
Dealer Name (required):				
Dealer Address:				
Dealer Phone #:				
Installer:				
Date Installed (mm/dd/yyyy):				
Your Contact Details (required)				
Name:				
Address:				
Phone:				
Email:				

For purchases made in CANADA: For purchases made in the UNITED STATES: For purchases made in AUSTRALIA:

FPI Fireplace Products
International Ltd.
PO Box 2189 PMB 125

Blaine, WA

Pelta. British Columbia

United States, 98231

Fireplace Products Australia Pty
Ltd

1- 3 Conquest Way
Hallam, VIC

Delta, British Columbia United States, 98231 Hallam, VIC
Canada, V4G 1H4 Australia, 3803

Phone: 604-946-5155 Phone: 604-946-5155 Phone: +61 3 9799 7277 Fax: 604-946-4349 Fax: 604-946-4349 Fax: +61 3 9799 7822

For fireplace care and tips and answers to most common questions please visit our Customer Care section on our Web Site. Please feel free to contact your selling dealer if you have any questions about your Regency product.

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Installer: Please complete the following information	
Dealer Name & Address:	_
	_
Installer:	_
Phone #:	_
Date Installed:	_
Serial No.:	_