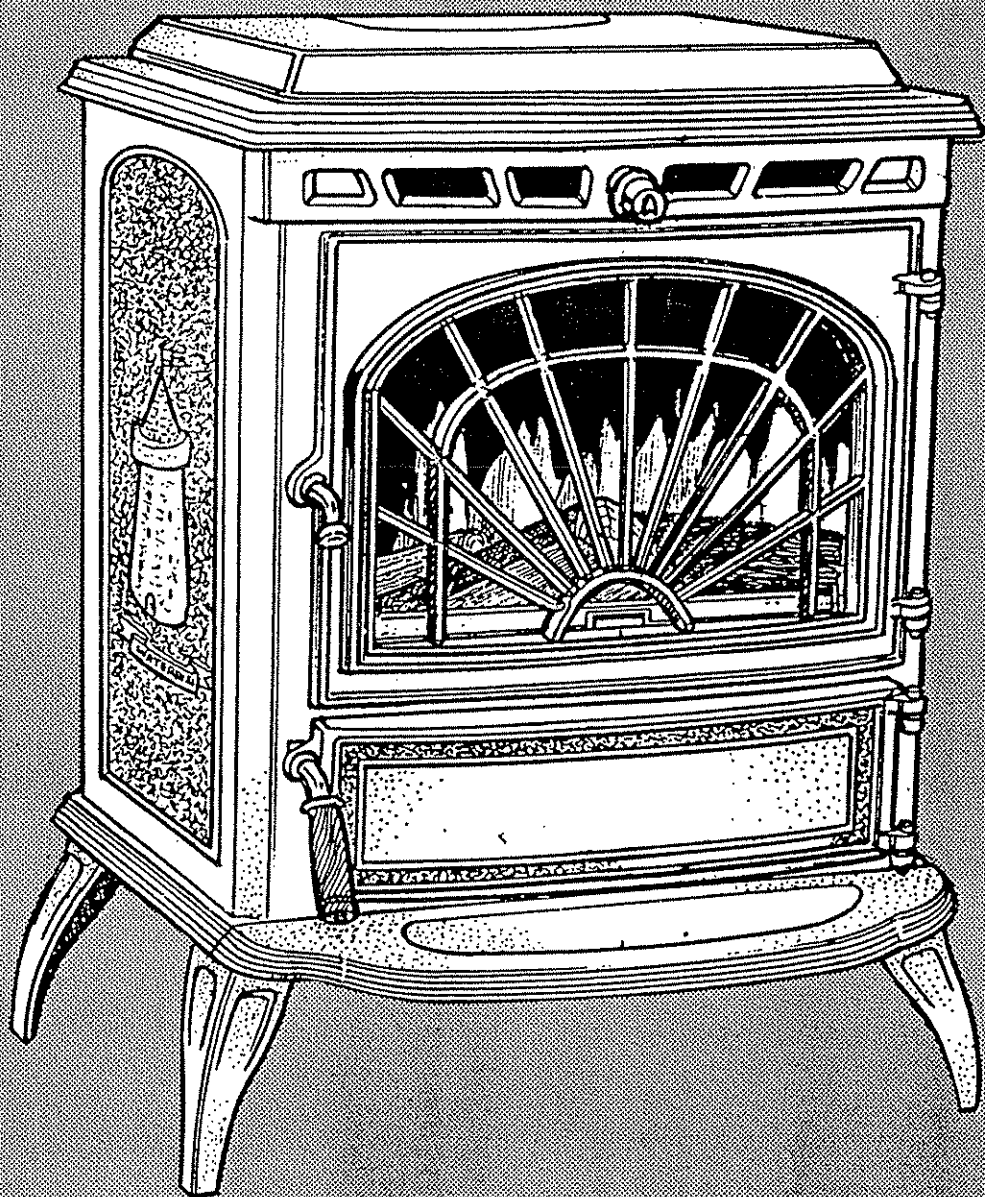


WATERFORD

Erin(e)



INSTALLATION AND OPERATING INSTRUCTIONS

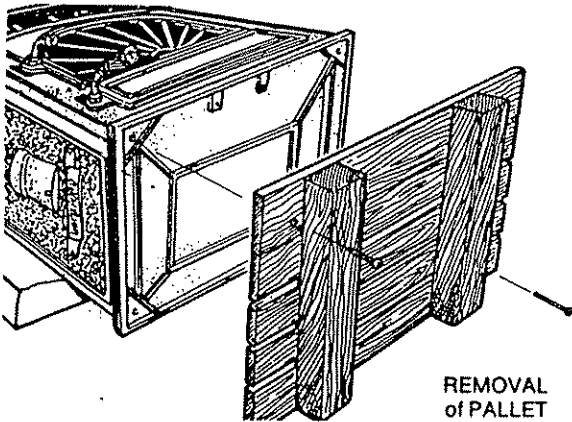
WATERFORD ERIN(E) WOODBURNING STOVE INSTALLATION & OPERATING INSTRUCTIONS

GENERAL

When installing, operating and maintaining your Waterford Erin(e) Stove respect basic standards of fire safety. Read these instructions carefully before commencing the installation. Failure to do so may result in damage to persons and property. Consult your local Municipal office and your insurance representative to determine what regulations are in force. Save these instructions for future reference.

PRE INSTALLATION ASSEMBLY

- After removing the stove from its pack, open the ashpit door and remove the contents.
- Open the firedoor using the detachable handle—found in the ashpan and remove the contents from the firebox, leaving the bricks in place.
- Remove the ashtray from the top plastic packing piece if you have not already done so. Remove loose fitting hob and place on a non abrasive surface.
- Place the plastic packing on the ground at the back of the stove and lay the stove on its back on top of the packing.
- Remove the wooden pallet by taking out the two retaining screws from the base of the stove.



REMOVAL
of PALLET

- Fit the four legs to the base of the stove with the four $\frac{5}{16} \times \frac{3}{16}$ " (16mm x 8mm) screws provided. Fit the ash tray with the two $\frac{3}{4} \times \frac{1}{4}$ " (20mm x 6mm) screws provided. Fit the tool carrier to the left side of the base with the two $\frac{3}{4} \times \frac{1}{4}$ " (20mm x 6mm) screws provided. Tighten all screws. Stand the stove upright taking care not to strain the back leg bolts.

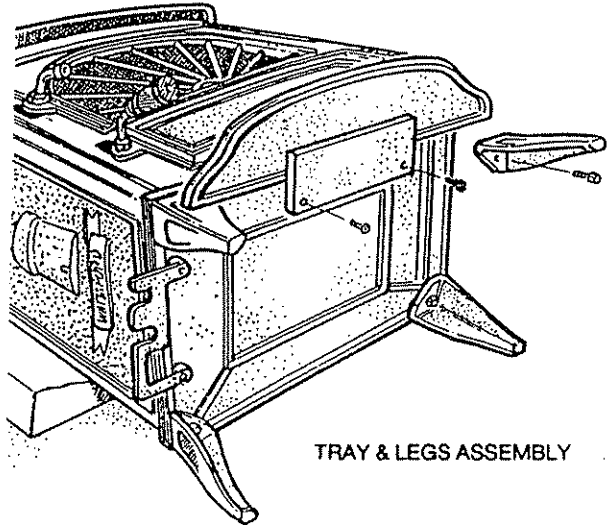
FLUE EXIT

Take the flue spigot and before fitting it to the stove place a small amount of fire cement on the inside flange of the outlet and push the flue spigot into place making sure the spigot is properly sealed to the stove. Remove any excessive cement from the inside of the flue spigot to prevent obstruction of the flue way.

HEAT SHIELD

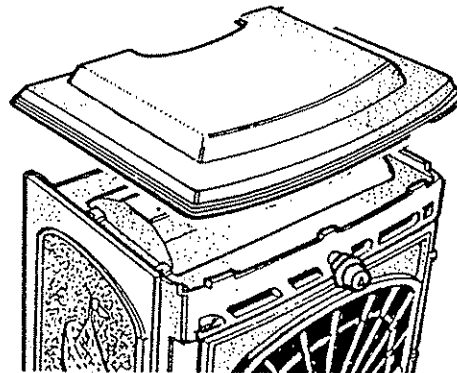
A heat shield can be had as an optional extra for use when reduced clearance to combustibles are required. See Installation Clearances.

The stove is now ready for installation.

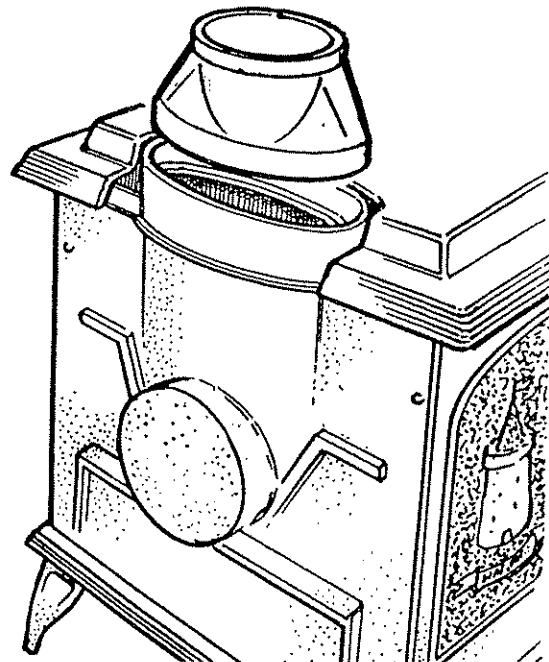
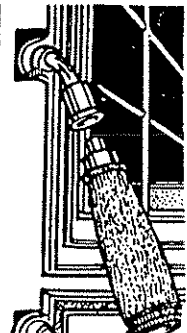


TRAY & LEGS ASSEMBLY

DETACHABLE HOB



DETACHABLE
HANDLE



MINIMUM CLEARANCES TO COMBUSTIBLES

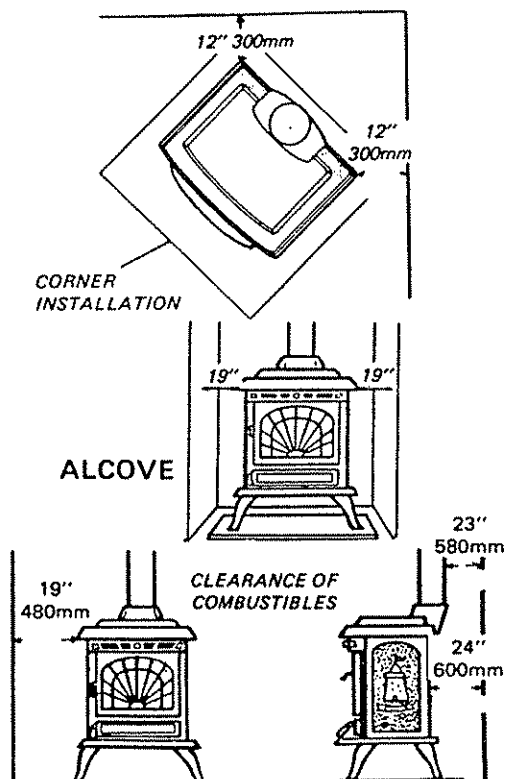
From front of stove	48"	1200mm
From back of stove	24"	600mm
From side of stove	19"	480mm
From corner installation	12"	300mm
From the Flue Pipe	23"	580mm

REDUCED CLEARANCES

When the Waterford back shield and pipe shield are used the clearance may be reduced to 9½" from the back shield (10½" from the flue collar).

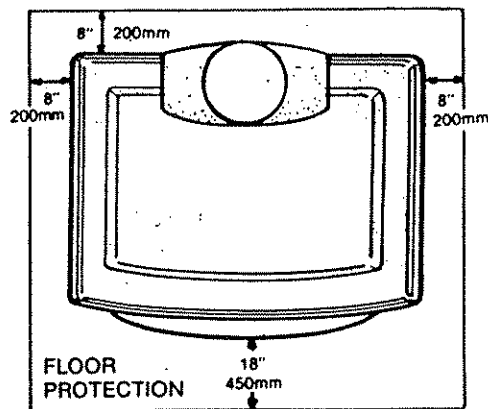
In USA, CCP listed Duravent Double Wall Connector or DBSP Amerivent Double Wall Connector UL listed Chimney Connectors may be substituted for the Shielded Flue Pipe.

In Canada a ULC listed chimney connector or listed flue pipe heat shield may be used.



FLOOR PROTECTION

When installing this heater on a combustible floor, a floor protector, consisting of a layer of non combustible material at least ¾" (10mm) thick or ¼" (6mm) thick covered with ¼" (3mm) sheet metal. It is required to cover the area under the heater and to extend to at least 18" (460mm) at the front and 8" (200mm) to the sides, and rear, this will provide protection from sparks and embers which may fall out from the door when stoking or fuelling.



OPERATING INSTRUCTIONS – GENERAL

BURN WOOD ONLY. DO NOT BURN COAL, SYNTHETIC LOGS OR OTHER FUELS Burn directly on hearth do not use a grate or elevate fire. "Never use gasoline" gasoline type lantern fuel, kerosene, charcoal lighter fluid or similar liquids to start or 'freshen up' a fire in this heater. Keep all such liquid well away from the heater while it is in use. Operate stove only with fuelling door and ashpit doors closed. This heater is hot whilst in operation. Keep children, clothing and furniture a safe distance away.

LIGHTING

- Replace ashpan, close ashpit door, and make sure the ash box shutter is closed.
- Open firedoor and open the primary air inlet by turning the control knob on the front of the stove one revolution anticlockwise, using the multi purpose tool provided.
- Cover hearth of firebox with crumpled pieces of paper. Lay 10-12 pieces of kindling approximately ½"x½"x16" (12mm x 12mm x 400mm) long on top of the paper towards the back of the firebox. Ignite and close the fire-door and add more kindling of a larger size to sustain the fire. Close the firedoor. When a hot bed of coal is established add the normal fuel of well seasoned split logs approximately 16" (400mm) long. Once the logs are well lighted adjust the primary air control knob by turning it clockwise to give the required heat output.

Refuelling – Open the firedoor and carefully level the embers and reload with logs, close the firedoor.

PRIMARY AIR SETTINGS



Maximum Fire.



Between 15 - 25 minutes past the hour.
Medium High Burn.



Between 25 - 35 minutes past the hour
Medium Low Burn.

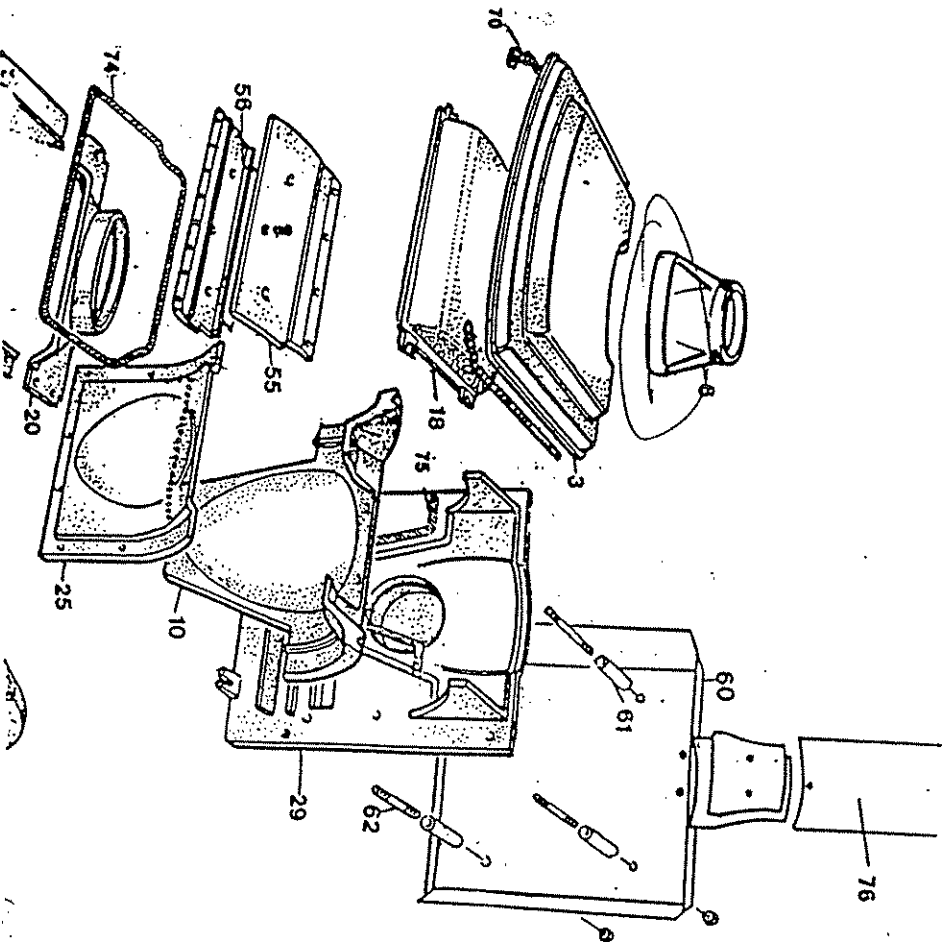


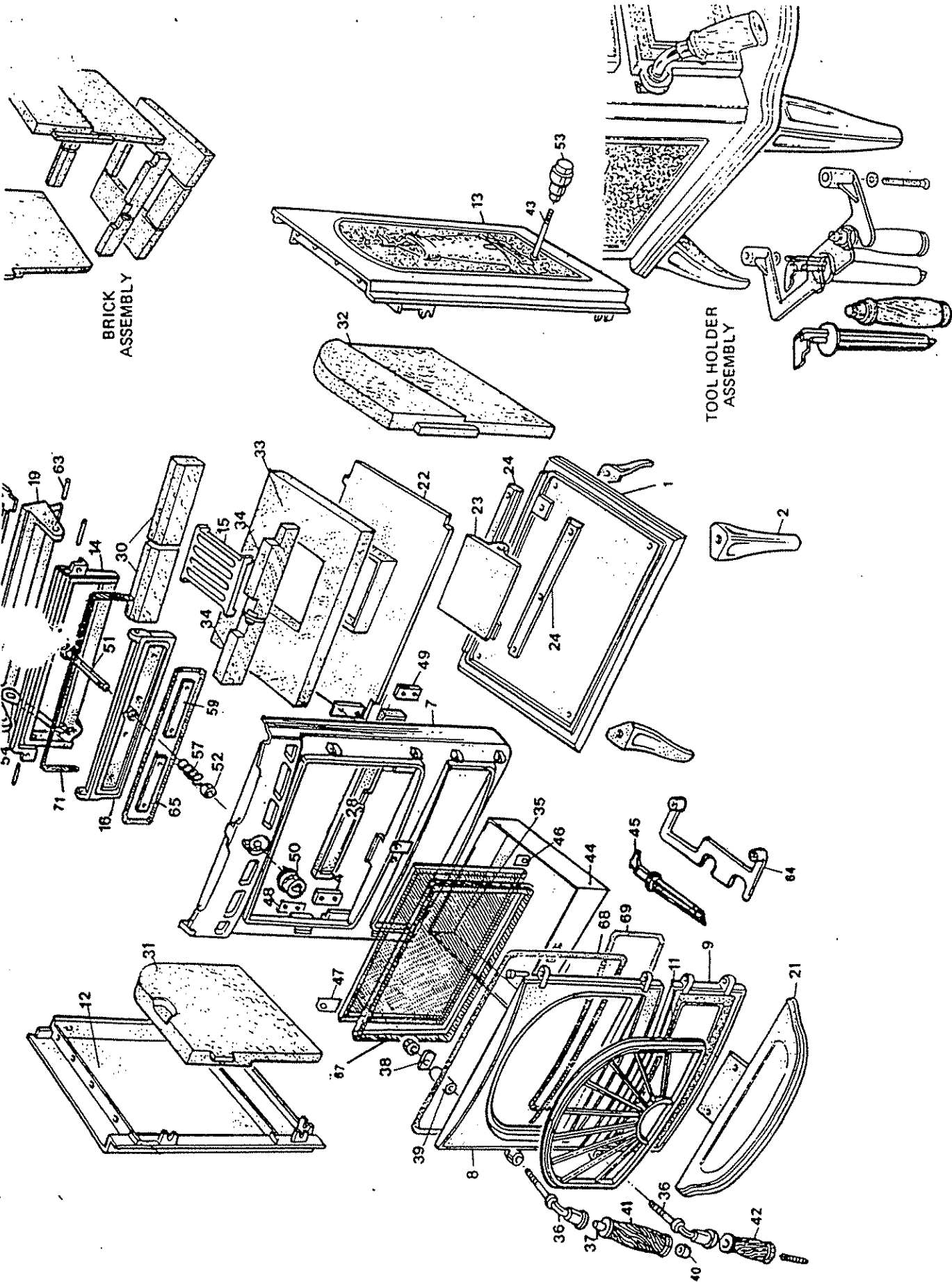
Between 35 minutes and fully closed.
Low Burn.

WATERFORD

Erin(e)

- ITEM
1. BASE
 2. LEG
 3. HOB
 4. GUIDE PLATE TO FRONT
 - 5.
 6. TOP FLUE SPIGOT
 7. FRONT FRAME
 8. FIRE DOOR
 9. ASH PIT DOOR
 10. OUTSIDE BACK AIR DUCT PLATE
 11. DOOR GRILL PANEL
 12. LEFT HAND SIDE PANEL
 13. RIGHT HAND SIDE PANEL
 14. PRIMARY BOX
 15. GRILL PLATE TO FIRE BOX
 16. PRIMARY AIR SHUTTER
 17. SECONDARY COMBUSTION BOX
 18. SECONDARY COMBUSTION BOX COVER
 19. BYPASS SHUTTER
 20. TOP FLUE CONNECTION PLATE
 21. ASH SHELF
 22. FIRE PLATE
 23. SLIDE PLATE
 24. GUIDE RAIL FOR SLIDE PLATE
 25. INSIDE BACK PLATE
 - 26.
 - 27.
 28. FIRE FENCE
 29. BACK PLATE
 30. BACK BRICK
 31. LEFT HAND SIDE BRICK
 32. RIGHT HAND SIDE BRICK
 33. BASE BRICK
 34. FRONT BRICK
 35. FIRE DOOR GLASS
 36. DOOR HANDEL SHAFT
 37. SPIGOT TO SHAFT
 38. DOOR LATCH
 39. SPACER TO SHAFT
 40. SPACER
 41. DOOR HANDEL LONG
 42. DOOR HANDEL SHORT
 43. PULL ROD
 44. ASH PAN
 45. OPERATING TOOL
 46. SMALL GLASS CLIP
 47. LARGE GLASS CLIP
 48. TOP COVER PLATE TO DOOR FRAME
 49. BOTTOM COVER PLATE TO DOOR FRAME
 50. PRIMARY AIR CONTROL KNOB
 51. SHAFT
 52. SPACER
 53. KNOB TO SHUTTER
 54. PUSH ROD
 55. TOP AIR DUCT PLATE
 56. BOTTOM PLATE TO AIR DUCT
 57. SPRING
 - 58.
 59. CLAMP PLATE TO GASKET
 60. HEAT SHIELD (OPTIONAL)
 61. SPACER TO HEAT SHIELD
 62. HEAT SHIELD TIE BOLT
 63. PIN TO DAMPER
 64. TOOL HOLDER
 65. PRIMARY AIR GASKET
 - 66.
 67. DOOR GLASS GASKET
 68. FIRE DOOR GASKET
 69. ASH PIT DOOR GASKET
 70. HOB GASKET
 71. PRIMARY AIR BOX GASKET
 - 72.
 - 73.
 74. TOP COVER GASKETS
 75. BACK AIR INLET GASKET
 76. PIPE SHIELD (OPTIONAL)
 - 77.
 - 77A.





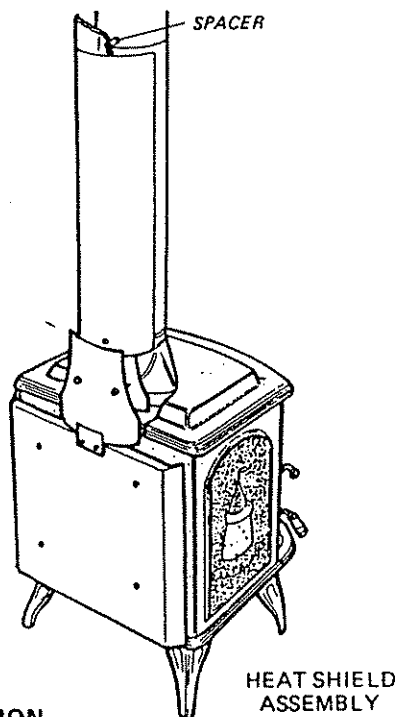
REDUCED CLEARANCE

Under certain conditions the minimum clearances may be reduced by means of:-

- Listed heat shields installed in accordance with the manufacturers instructions.
- Shields constructed in accordance with NFPA 221 (USA) Can3-B365 installation code for solid fuel fired appliances (Canada).
- Fitting the Listed Waterford Heat Shield and Chimney Connector pipe shield.

Fit heat shield part number 60 to the back of stove using the four spacers provided, part number 61, and also the four bolts provided parts number 62 screw together tightly.

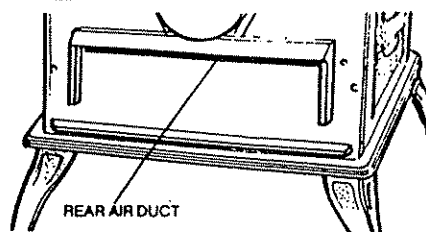
Fit the pipe shield to the connector pipe using the one inch spacers provided between the connector pipe and the shield. The first section of pipe shield must be fitted between the two panels in the stove shield. All over laps must be at least one inch. Put two screws in each 3' section of pipe shield.



LOCATION

There are several conditions to be considered in selecting a location for your Waterford Erin(e) Stove.

- Distance from a safe chimney.
- Position in the area to be heated — central locations are usually best.
- Allowance for proper clearances to combustibles.
- Obstruction in the ceiling, upper floor or roof, for example, ducting plumbing, electrical fittings and wiring, overhead fixed furnishings, etc.



WARNING

DO NOT OBSTRUCT FREE AIR SUPPLY TO THE SECONDARY AIR DUCT AT THE REAR OF THE STOVE.

CHIMNEY

The Waterford Erin(e) is a radiant room heater and must be connected to a chimney of the proper size and type. The chimney must have a cross-sectional area of at least 30 square inches (1800 sq.mm) or a diameter of at least 6" (150mm). It is best to connect a chimney of the same size, as connection to a larger size may result in a somewhat less draught. Never connect to a smaller size chimney. Do not connect to a chimney serving another appliance.

Minimum chimney height 14'10" (4.5 metres) from floor on which stove is installed. An existing masonry chimney should be inspected and if necessary repaired by a competent mason. The stove must be connected to a chimney with a minimum continuous draught of .035WG. Poor draught conditions will result in poor performance.

Note:- Connection to type "B" Gas Vents approved for connection to a certain gas burning appliance will only result in a fire.

CHIMNEY TYPES USA ONLY

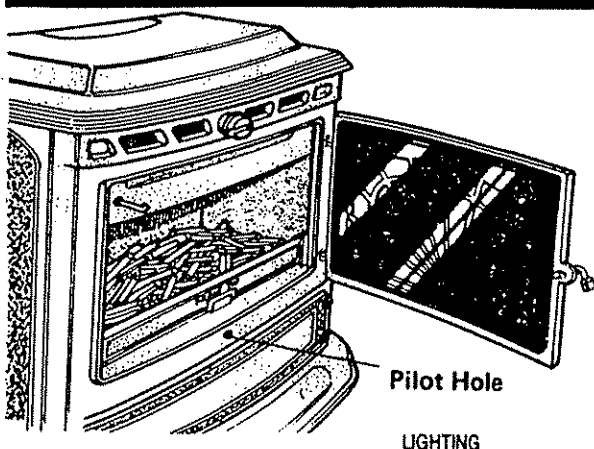
The stove must be connected to a UL Listed residential Type HT and Building Heating, Appliance Chimney installed in accordance with the manufacturers instructions or a masonry chimney constructed in accordance with NFPA 211 Chimney vents and Solid Fuel Burning Appliances.

(A) CHIMNEY TYPES CANADA ONLY

The stove must be connected to an Underwriters Laboratories of Canada labelled Factory Built 650°C Chimney, installed in accordance with the manufacturers instructions or a lined masonry chimney acceptable to the Authority having jurisdiction.

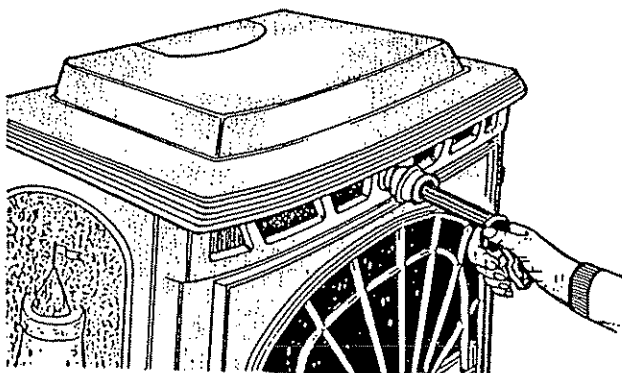
CHIMNEY CONNECTOR

The Chimney Connector is a smoke pipe used to connect the Waterford Erin(e) Stove to the chimney described above. The Chimney Connector must be made of Corrosion Resistant Steel 24 gauge or heavier (Black or Blued or equivalent treated steel). Be sure to fasten the chimney connectors together and also to the flue outlet of the stove through the two holes provided, use at least two screws for each joint. Be sure the joints are tight and fully secured.



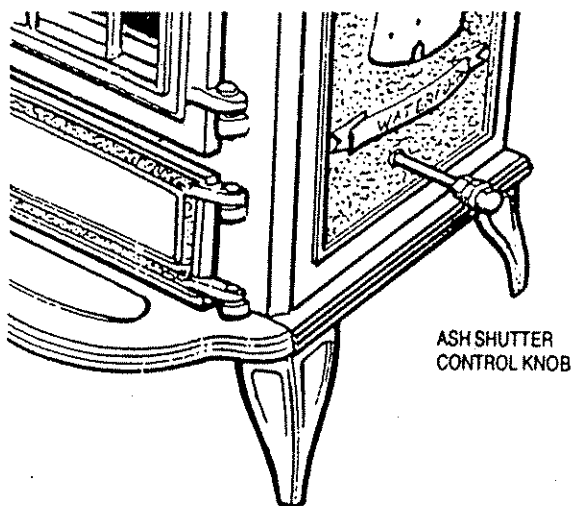
IMPORTANT

Never allow a build up of deposits in front of Pilot Hole in the Fire Chamber. Always keep clear of ash, Coals, and fuel, check when lighting, re-fuelling or de-ashing. See Pilot Illustration.



DE-ASHING

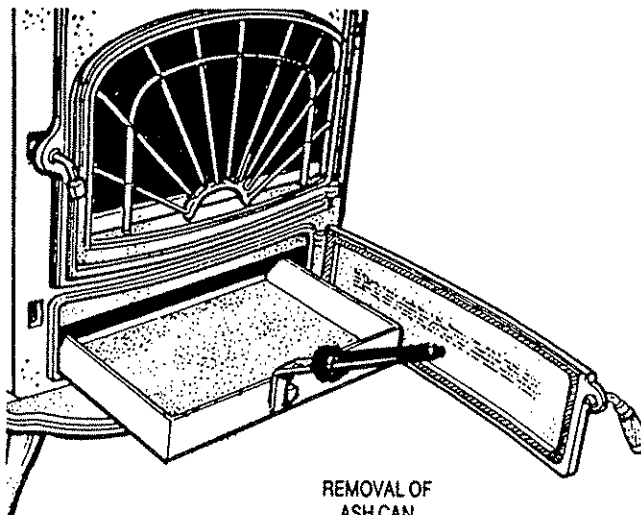
When the ash build-up becomes excessive in the firechamber $3\frac{1}{2}$ " (88mm) deep or so, it must be removed by allowing the fire to burn out. When the fire has burned out, open the firedoor. Pull open ashpit shutter. The control knob for this is on the right hand side of the stove. Rake the ash into the ashpan through the grating in the centre of the hearth. Push closed the ashpit shutter and dispose of the ashes by removing the ashpan from the stove.



DISPOSAL OF ASHES

Remove ash carefully. Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a non-combustible 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.

Replace the empty ash can in the stove, close the ashpit door and relight the fire.



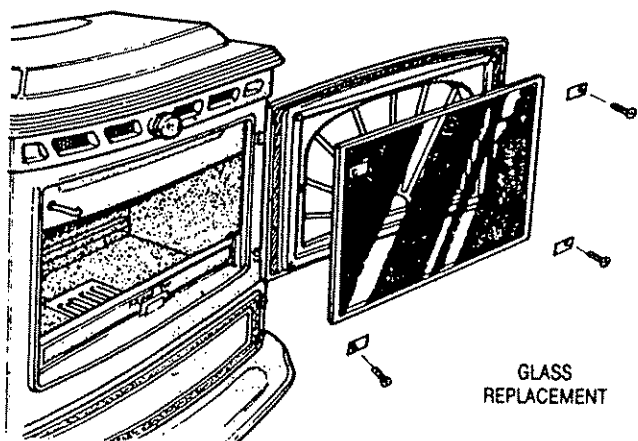
MAINTENANCE

Creosote — Formation and the need for removal.

When wood is burned slowly, it produces tar and other organic vapours, which combine with expelled moisture to form creosote. The creosote vapours 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 makes an extremely hot fire. The chimney connector and chimney should be inspected at least twice monthly during the heating season to determine if a creosote build-up has occurred. If creosote has accumulated it should be removed to reduce the risk of a chimney fire.

Inspect the chimney connector frequently. Tap the connector with your finger when the pipe is cool. If you hear a dull echo, the pipe may need cleaning. Disassemble the chimney connector and clean the sections. Replace corroded pipe sections. The fitting of a slip-joint in the stove pipe makes the dismantling easy for cleaning and inspection of chimney and stove.

When inspecting a masonry chimney, start at the cleanout door, normally found in the basement, at the base of the chimney, or on the outside. If your chimney does not have a clean-out door it must be inspected and cleaned by removing stove from chimney.



GLASS REPLACEMENT

- (a) Open the firedoor fully.
- (b) Remove the four corner screws and clips and carefully remove the broken glass.
- (c) Clean the glass recess in the door.
- (d) Attach adhesive thermal tape to the perimeter of the replacement glass.
- (e) Place the thermal tape side of the glass into the door recess and replace the four corner clips and screws.
- (f) Make sure that the large corner clip is fitted in the top right-hand corner.
- (g) Tighten screws.
- (h) Replace glass only with ceramic glass $\frac{3}{16}$ " (5mm) thick.

GLASS CLEANING

The glass will clean itself when there is sufficient heat generated by the burning fuel. If a build-up of creosote occurs on the glass due to poor draft conditions, poor quality fuel or very low burning for long periods of time, it is best to clean glass manually when glass is thoroughly cooled.

FIRE SAFETY

To provide reasonable fire safety, the following should be given serious consideration.

1. Do not over fire the stove, if the stove or chimney connector glows, you are overfiring.
2. Overfiring will also damage painted or enamel finishes on the stove.
3. The installation of smoke detectors.
4. A conveniently located class A Fire Extinguisher to contend with small fires resulting from burning embers.
5. A practical evacuation plan.
6. A plan to deal with chimney fire as follows:-
In the event of a chimney fire:-
 - (a) Notify the Fire Department.
 - (b) Prepare occupants for immediate evacuation.
 - (c) Close all openings into the stove.
 - (d) While awaiting Fire Department, watch for ignition of adjacent combustibles from over heated stove pipe or hot embers or sparks from chimney.

Model: Erin(e)

Serial Number

Manufactured Month

Year

U.S. ENVIRONMENTAL PROTECTION AGENCY

Certified under 40CFR 60.533 (h) to comply with
July 1988 particulate emissions standards.
Not approved for sale after June 30, 1992.

WATERFORD

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