Installation and Operating Manual

Magnafire Series Coal Stoves - Mark I, II, and III





SAFETY NOTICE

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PLEASE READ THIS ENTIRE MANUAL BEFORE YOU INSTALL OR USE YOUR NEW ROOM HEATER. FAILURE TO FOLLOW THESE INSTRUCTIONS MAY RESULT IN PROPERTY DAMAGE, BODILY INJURY, OR EVEN DEATH.

APPROVED FOR USE IN THE U.S. AND CANADA

IF THIS HARMAN STOVE IS NOT INSTALLED CORRECTLY, A HOUSE FIRE MAY RESULT. FOR YOUR SAFETY, FOLLOW INSTALLATION DIRECTIONS PRECISELY.

CONTACT LOCAL BUILDING OR FIRE OFFICIALS ABOUT RESTRICTIONS AND INSPECTION REQUIREMENTS FOR YOUR AREA.

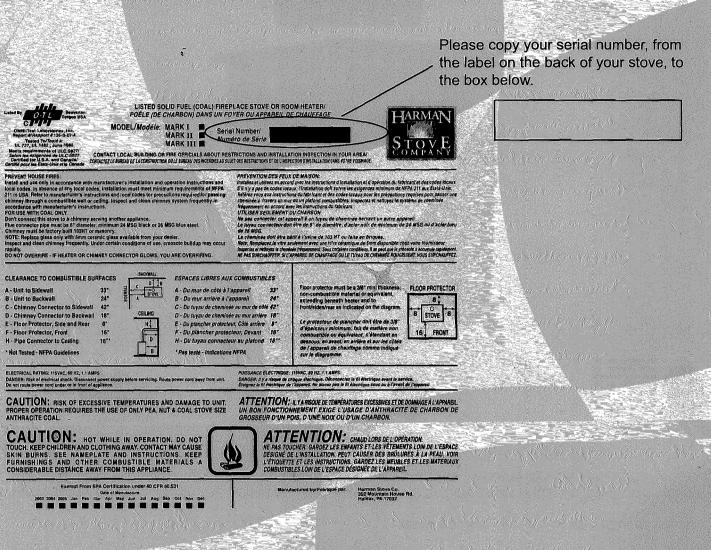
CONTACT YOUR LOCAL AUTHORITY (SUCH AS THE MUNICIPAL BUILDING DEPARTMENT, FIRE DEPARTMENT, FIRE PREVENTION BUREAU, ETC.) TO DETERMINE THE NEED FOR A PERMIT.

CETTE GUIDE D'UTILISATION EST DISPONIBLE EN FRANCAIS. CHEZ VOTRE CONCESSIONNAIRE DE HARMAN STOVE COMPANY.

Save These Instructions

Introduction

Thank you for purchasing a Harman Magnafire coal stove. The Magnafire series has been designed and built to last. Whether you're heating a room or heating your whole house, you've made the right choice. Please read this entire instruction manual before attempting to install or operate your new stove. If you have further questions regarding your new stove, contact your Harman dealer. Follow these instructions and you will have many years of warmth and comfort enjoying your new coal stove. If you are a first-time coal burner, keep in mind that you will not have instant success with maintaining a fire. No one does. Following these instructions should help you with the basic principals.



Safety Notice:

Stove is hot while in operation. Keep combustibles such as furniture, fuel, and draperies at least 36 inches away from the appliance.

Do not leave small children unattended while in the room with this heater.

Always wear gloves when attending to the stove.

This stove is not an incinerator. Do not burn garbage, painted or treated wood, or flammable liquids like gasoline kerosene, or engine oil.

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Installation

1. Safety Considerations: 1.1 KEEP CHILDREN AWAY - MAY CAUSE SERIOUS BURNS.

CAUTION: All surfaces of the stove are hot. Do not touch. Keep Children Away. Wear gloves while tending stove. Serious burns will result if special care is not taken.

1.2 FUEL / FIRING INFORMATION. DANGER! FIRE HAZARD! DO NOT USE CHEMI-CALS OR FLUIDS TO START OR "FRESHEN UP" A FIRE. SEVERE BODILY INJURY AND/OR A FIRE IN THE HOME MAY RESULT. DO NOT BURN GAR-BAGE, GASOLINE, THINNERS, KEROSENE, OR FUEL OIL, ETC. AN EXPLOSION, A HOUSE FIRE OR PERSONAL INJURY COULD RESULT. KEEP ALL SUCH LIQUIDS WELL AWAY FROM THE STOVE

This heater is approved for burning coal only. Use of any other fuel, except for the purpose of coal ignition, is a violation of U.S. law.

WHILE IN USE.

When and if the chimney pipe or connector reaches 500° f. (maximum temperature), the stove is being over-fired. It is recommended that you use magnetic thermometers on the stove and flue connector, to ensure safe operation.

This stove consumes air when it is burning. If your house is especially tight, It is advisable that a nearby window be opened slightly while burning the stove.

Information in this manual is manufacturer's recommendations. If there is a discrepancy between these recommendations and your local code requirements, you must follow local codes.

1.3 CURING PAINT.

During the first few hours of burning, a blue smoke will be observed rising from the painted surfaces of the stove. This is the paint being cured, and will disappear over time. Increase the amount of fresh air in the room during this initial break-in period. This may be achieved by opening doors or windows.

1.4 MOBILE HOMES.

This stove is not approved for use in mobile /manufactured homes.

2. Assembly & Installation: 2.1 UNPACKING AND INSPECTION OF

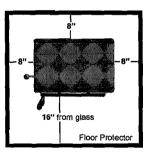
PARTS.

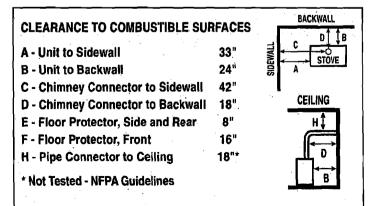
Inspect the stove for any visible damage. The blower and the shaker handle are packaged inside the stove. A separate carton, which is the door kit, should contain the glass, a glass frame, 3 spring handles, the draft control knob and bolt, and for the Mark II or III, a door top trim.

2.2 LOCATING THE STOVE.

Locate the stove as close to the chimney or flue as possible while adhering to the recommended clearances to combustible material. Safe stove clearance to combustible walls is 24" to the rear of the stove, and 33" to the sides of the stove. In a corner installation, you need 24" to the side walls. Clearance to the front of the stove, for furniture, etc. is 36"

Floor protection, for a combustible floor, must be a minimum of 3/8" thick non-combustible material. The floor protector should extend 8" to either side, and 16" in front of the stove. Floor protection should also be under any horizontal sections of flue pipe.

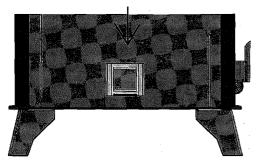




Installation

2.3 ASSEMBLY.

Slide the blower into the slotted bracket on the rear of the stove. The blower will rest at the bottom of the slot.

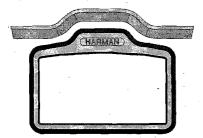


The shaker handle bolts onto the shaker block using the bolts and lock washers provided.

Bolt the draft control through the hole in the center of the ash door as shown below. The knob should spin freely and open to a distance of about 3/8 in. from the door surface, while being able to close against the face of the door.

Next, lay the glass frame face down on a flat surface. Place the glass panel into the frame, making sure the gasket is only applied to the ends of the glass. Now by placing the door onto the frame, you'll see the holes will line up with the threaded holes in the glass frame. Using 4 flange-head bolts from the kit, tighten the glass frame onto the door.

While the door is still on it's face, position the top trim into place and secure, through the door, with 2 hexhead bolts provided. (Mark II or Mark III only)



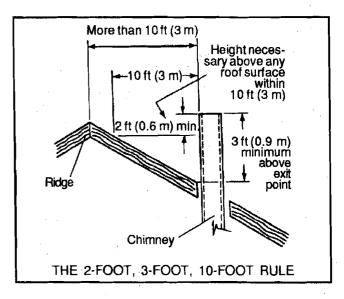
2.4 GENERAL INFORMATION. Installation Checklist:

A. Have your stove installed by a trained installer. Preferably one who is certified by the National Fireplace Institute or similar certification agency.

B. Before starting Installation, check for proper clearance to combustibles where the stove is going to be located.

C. Never vent a solid fuel burning appliance into a flue serving another appliance.

D. Have the chimney inspected and thoroughly cleaned. Inspect that it is a Class "A" chimney either masonry or factory built. If it is a manufactured chimney, ensure that it is installed as per the manufacturers requirements. Be sure that the chimney is tall enough. Solid fuel chimneys fall under a general rule, 16 ft. minimum height, 2 ft. taller than anything within 10 ft., and 3 ft. above where it passes through the roof line. The chimney must be capable of providing a minimum of .06 inches of water column of draft.



E. Limit the amount of connector pipe. Position the stove as close to the flue as possible. (8 ft. or less) No more than two 90° elbow fittings should be used. Any horizontal connector pipe should have at least 1/4 in. of rise per foot in length. A barometric damper may be installed to prevent excessive or erratic draft.

MANUAL DAMPERS OR "HEAT SAVERS" MUST NEVER BE INSTALLED IN THE FLUE PIPE. IM-PROPER OPERATION COULD RESULT IN DEATH.

Venting

Where an existing chimney is used, it must be large enough to provide a draft adequate for removing the gaseous products of combustion. The cross-sectional area of the chimney must be at least 25 percent greater than that of the connector. For example, the common 8" X 8" flue liner has an actual interior crosssectional area of only 49 inches (7" X 7") and thus, can only accommodate a 7 inch stove connector.

IMPORTANT! The connector pipe must be constructed of 24 gauge material or thicker.

3. Venting & Chimneys: 3.1 TYPES OF CHIMNEYS

The chimney is one of the most important, yet the most neglected and misunderstood portion of any solid fuel burning appliance installation. Do not connect your stove to a chimney flue that already serves another heating device.

The stove must be connected to its own flue. A minimum 8" X 8" is necessary for proper operation.

Under no circumstances should a manual flue damper be installed in the smoke pipe between the stove and the chimney.

CAUTION! THE CHIMNEY MUST BE A "CLASS A" CHIMNEY IN GOOD WORKING CONDITION. THE USE OF ALUMINUM "TYPE B" GAS VENT FOR SOLID FUELS IS NOT ONLY UN-SAFE BUT IT IS PROHIBITED BY THE NATIONAL FIRE PROTEC-TION AGENCY (NFPA) CODE.

There are three types of "Class A" chimneys;

1) Masonry with a tile liner, including brick, block, stone, etc. It must be supported by a groundlevel foundation.

2) Insulated "Class A" manufactured chimney, listed and certified by a national test agency.

3) Triple-walled metal "Class A" chimney, listed and certified by a national test agency.

If your masonry chimney has not been used for some time, have it inspected by a qualified person (building inspector, fire department personnel, etc.). If a listed and certified manufactured chimney is to be used, make certain it is installed in accordance with the manufacturers instructions and all local codes.

A coal stove can perform only as well as its venting system will allow it to.

3.2 COMMON CHIMNEY PROBLEMS

In order to have a properly operating heating system, the chimney needs to be capable of providing sufficient draft. The minimum required draft is .06 inches of water column (WC). To measure the draft, drill a hole in the connector pipe and attach a draft meter. First, check the draft above the barometric damper (if installed). Then check it below the barometric damper and make your damper adjustment to where it opens to prevent the draft from going higher than the .06 in WC. If the chimney is incapable of supplying the necessary draft, it will need to be improved. Whether it needs to be raised to a taller height, a flue liner installed, or a different style of cap placed on the top, the improvement method will need to be determined.

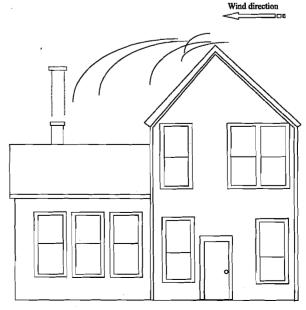
Reasons for insufficient draft;

A) Leaking chimney- Air leaking in around a loose fitting cleanout door, joints or seams in connector pipe are not secured properly, cracks or other defects in masonry.

B) Improper chimney height - Chimney does not extend to a sufficient height above the roof line. (Remember the 2ft.-3 ft.-10 ft. rule)

C) Obstructions in the chimney - Make sure the chimney has been cleaned. Different animals have been known to build nests in chimneys.

D) Trees or other topographical barriers - Trees that are taller than the house can cause the air currents to flow downward over the peak of the roof. This would lead to a down draft effect on the chimney. This can also be caused by adjacent buildings or fixtures. It could even be from a different peak on the same structure.



Venting & Grates

E) Improperly sized flue - Too small of a chimney is incapable of moving the volume of air necessary. Too large of a flue could have trouble warming up to create the necessary upward flow.

F) Chimney offsets - Offset chimneys should be avoided if possible. Not only can the offset affect draft, it is also a place for debris to collect over time.

G) Too many elbows - The flue connector has more then two elbows in it. Sometimes, depending on overall chimney performance, one elbow could be too many.

H) Vent sharing - No more than one heating appliance shall vent into a single flue.

THE MOST IMPORTANT THING TO REMEMBER ABOUT CHIMNEYS IS THEIR NEED FOR MAIN-TENANCE AND CLEANING. IF A CHIMNEY IS NOT CLEANED ON A FREQUENT BASIS, IT WILL AF-FECT DRAFT, AS WELL AS BE A CONTRIBUTING FACTOR TO A POTENTIAL CHIMNEY FIRE.

3.3 WHAT TO DO IF YOU HAVE A PROB-LEM.

If you have a chimney fire:

1. Be sure everyone is out of the house.

2. Call the fire department.

3. Close the draft control on the ash door and make sure both doors on the stove are closed and latched.

4. Do not put water on the fire, this will cause unnecessary damage to the stove and flue.

5. Have the chimney inspected and repaired prior to building another fire.

Smoke puffs out of stove;

A) Check previous suggestions for insufficient draft.

B) Check draft control for proper operation.

C) Chimney may be too low. Increase height.

D) Add more fresh air to the room. Your home may be so tight that there is not enough oxygen getting to the fire.

E) Remember, open the draft control and crack the door open slightly before reloading or checking the fire.

F) Check the ashes. The ash pan and firebox may be overloaded with ashes.

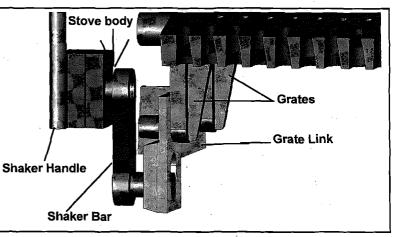
G) Check the chimney cleanout door to ensure it closes properly.

4. Grates

4.1 GRATE SYSTEM AND CONTROLS.

The Grates are made of heavy-duty cast iron. The function of the grate system is to support the coal while allowing air flow through the fire. The grate system also allows removal of the ashes by shaking them through the grates.

The grates are removable without the use of tools, once the fire bricks are removed, the grates simply lift out. Lift the right end higher to disengage from the shaking link. To re-install the grates, lower them, one at a time, left end first, be sure the grate hooks into the grate link as you drop it into place. Your grates will



last forever, as long as you keep your ashes cleaned out of the stove. When ashes are left pile-up against the grates, the air-flow is blocked. With no air flow through the grates, they will begin to sag from the intense heat.

The grates are designed to accommodate three different sizes of anthracite coal. Pea is defined as being able to fit through a round screen hole of 9/16" to 7/8". Nut or Chestriut is defined as being able to fit through a round screen hole of 7/8" to $1\frac{1}{2}$ ". Finally, Stove coal which is $1\frac{1}{2}$ " to $2\frac{1}{2}$ " in size. Pea or Nut you'll find work the best for starting a fire, while all three sizes burn just as well.

The external shaker handle allows for greater safety from burns, and the convenience of needing no extra tools.

5. Operating Instructions 5.1 STARTING A FIRE

Place seven or eight sheets of crumpled newspaper onto the top of the grates. Next, lay in some small kindling wood (approximately 3/4" or less) on top of the newspaper. Layer the kindling in a criss-cross fashion to allow for maximum air flow. Open the draft control to it's full open position. Light the paper nearest the center of the door opening and close and latch the load door. After two to three minutes, open the load door an inch or two for a few seconds, then open it completely. This method is good practice to allow smoke to clear away from the load door. Add a few small pieces of firewood when the kindling is burning well. Close the door again and be sure the draft control remains open. The ash door itself may be opened for a short period to accelerate the process.

DO NOT LEAVE THE STOVE UNATTENDED WITH THE DOOR OPEN.

When a substantial bed of hot wood coals are built up, start adding small amounts of coal on top of the burning wood embers. (Pea or Nut sized coal will give the best results when starting a fire.) Keep the draft control open through the whole ignition process. As the coal begins to free-burn, continue adding small amounts until there is a solid bed of burning coal. Do not add too much at one time as you could smother the fire. Allow sufficient time between these small batches so that the coal can ignite thoroughly before more is added. Once a substantial bed is established, fill the firebox to the top of the bricks. A deep bed of coal will always burn better than a shallow bed. Adjust the draft control to the desired heat output. You'll learn over time that the coal fire does not instantly change with a turn of the draft control. Make your adjustments in small increments and wait for the fire to stabilize. The normal range of control settings will be from closed, for extended burn times, to one full turn open.

NOTE: If the ash door was opened during the lighting process, it must be closed to prevent over-firing. Over-firing can cause dangerously high temperatures.

5.2 LOADING

Coal should never be added unless there is a reasonably hot fire. The coal bed should be bright and vigorous. If the fire is burning hot and there is a deep bed of hot coals, full loads of coal can be added at any time. However, if there is not a deep bed of coals, it is best to add in small batches as during lighting.

5.3 INCREASING HEAT FROM A LOW FIRE

Every effort should be made to not let a coal fire burn so long that it begins to die. This causes the reloading process to be much longer, and there is a good possibility of losing the fire all together. Do not shake or stir a low fire. Open the draft control or the ash door to get the maximum air flow. Allow the fire to get reasonably hot. If there is not enough un-burned coal to renew the fire, add a small amount. Continue adding coal in small amounts until a full bed is established. Now, shake the grates. (see next section "shaking ashes")

DO NOT LEAVE THE STOVE UNATTENDED WITH THE DOOR OPEN.

5.4 SHAKING ASHES

Shaking should be done only when there is a hot fire. The frequency of shaking will depend on the rate of burning. Shaking should be done at least once per day but best results will come from shaking twice a day.

When shaking, do just that. Do not rock the handle in long strokes, just shake it briskly until you see red hot ashes fall into the ash pan. Rocking the grates may allow pieces of coal to jam them in an open position.

5.5 ASHES AND THEIR REMOVAL

Ashes should never be allowed to accumulate in the ash pan. Excess ash build up can restrict air flow to the fire and can also cause damage to the grates.

Ashes should be placed in a metal container with a tight fitting lid, pending final disposal. The closed container of ashes should be placed on a non-combustible floor or on the ground, well away from any combustible materials. If the ashes are disposed of by burial in soil or otherwise locally dispersed, they should be retained in the sealed container until all cinders have thoroughly cooled.

CAUTION! ASHES SHOULD NEVER BE ALLOWED TO ACCUMULATE ABOVE THE TOP OF THE ASH PAN. ASHES IN CONTACT WITH THE BOTTOM OF THE GRATES ACT AS AN INSULATOR INTEN-SIFYING THE HEAT ON THE GRATES, AND WILL CAUSE THE GRATES TO WARP. GRATE DAMAGE FROM ASH BUILD UP IS EASILY RECOGNIZED. PLEASE REFER TO YOUR WARRANTY TO SEE HARMAN STOVES LIMIT OF LIABILITY IN CASES OF ABUSE OR NEGLECT.

Coal produces considerably more ash than wood. For equal heat output, coal will produce 7 to 10 times the ash of a wood fire.

Maintenance

5.6 SAFETY

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Whenever a loading door is opened, it should always be cracked slightly to allow oxygen to enter and burn any gasses that may be present. Failure to do this may result in a sudden ignition of the gasses, leading to an explosion.

A Stove should never be filled with excess coal to where the exhaust is impeded. Burning coal generates carbon monoxide. If the flue gas exit is blocked, the carbon monoxide can be forced out of the stove and into your living space, with fatal consequences.

With the exception of start-up or freshening a fire, the ash pan door should never be left open. NEVER LEAVE THE STOVE UNATTENDED WITH A DOOR OPEN. Serious damage to the stove can occur from over-heating.

Coal stoves should not be installed in a chimney that has a history of down-draft or flow reversal problems. These conditions can cause improper draft, resulting in carbon monoxide entering the living space rather than being drawn up the chimney. REMEMBER! COAL GASES ARE TOXIC!

Sulfur dioxide, sulfur trioxide and other products of coal combustion may corrode stainless steel and masonry chimneys. Coal with high sulfur content will destroy chimneys especially fast if soot is left in the flue for extended periods. It is important to clean your chimney regularly.

6. Maintenance

6.1 PERIODIC AND EVERYDAY MAINTE-NANCE

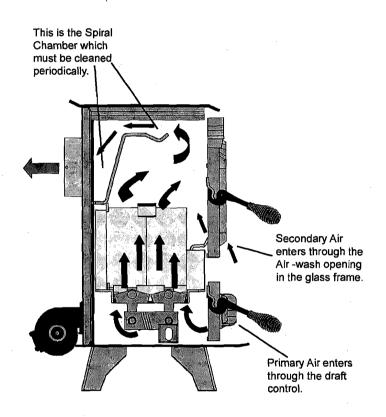
Blower: Monthly, remove the blower and clean the fan. If there are pets in your house, you may want to check this more frequently.

Grates: Keep ash pan emptied. Twice a day.

Chimney and connector: Avoid chimney fires. On a regular schedule, check for creosote and soot build up in the venting and the baffle area of the stove. These areas must be kept clean.

Steel brushes are the safest for cleaning metal surfaces. Salt solutions and other chemicals may damage the metal surfaces. To clean the chimney, use a stiff brush with an extendable handle. Start the brush from the top of the chimney and run it down through the flue. Continue brushing until the entire length of the chimney is cleaned. The debris will collect at the bottom of the chimney. Open the cleanout door or other access point and sweep the collection into a metal container. The connector pipe can be brushed also, remove it from the stove if possible, to eliminate pushing the debris into the stove's spiral chamber.

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Optional Water Coil

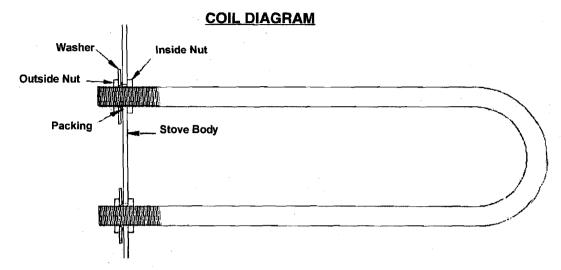
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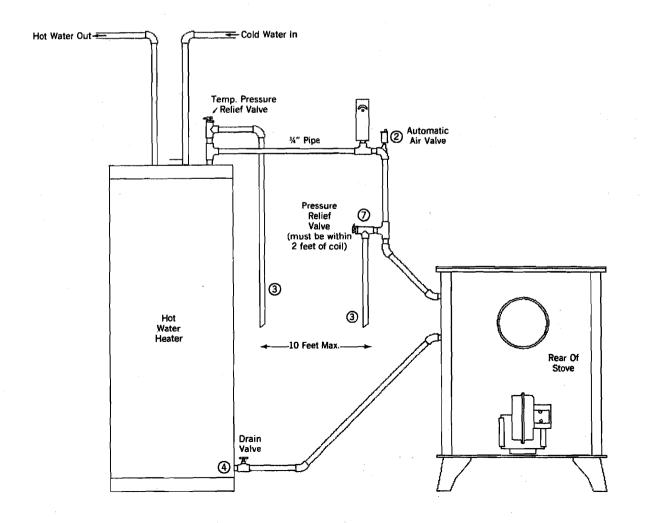
7. Optional Hot Water Coil:

Plumbing Diagrams-

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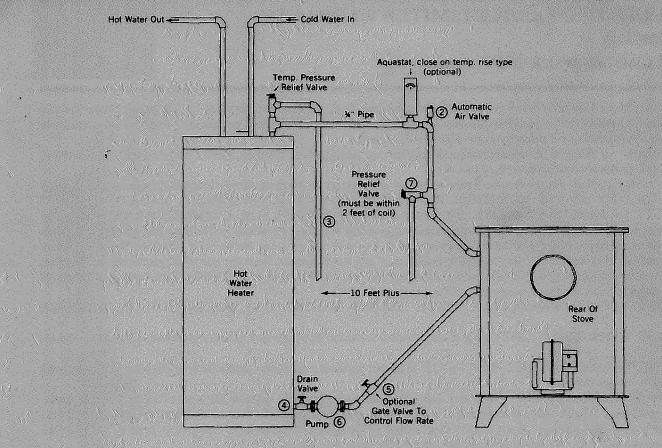


PLUMBING DIAGRAM FOR THERMO-SIPHON METHOD - MAX. DISTANCE 10 FT.



Optional Water Coil

PLUMBING DIAGRAM FOR CIRCULATING PUMP METHOD - MORE THAN 10 FT.



To install the optional hot water coil, Two holes will need to be drilled or cut into the side of the stove. There is a template for the hole location(s) that is included with the coil. Keep the holes above the firebricks and toward the back of the firebox. This location is best to not interfere with loading.

Thermo- Siphon Method

This is the simple and most economical method, however, the hot water tank must be no more than ten feet from the stove. The water inlet, where the pressure relief valve is located, must be higher than the top leg of the coil. The tank should be elevated, if necessary, to allow for proper thermo-siphon action (the method by which water will circulate automatically through the system).

Circulating Pump Method

This method is used when the water heater tank can not be located close enough to the stove for the Thermo-Siphon Method, or if the water tank is on a lower floor level than the stove. In addition to the circulating pump, you may want to add an aquastat to thermostatically control the pump. This is optional and not necessary if the pump is left run continuously. Another option would be a gate valve placed near the pump to control the rate of water flow.

Read and follow all of the instructions that are included with the coil.

WARRANTY

HARMAN GOLD WARRANTY 6 YEAR TRANSFERABLE LIMITED WARRANTY (Residential) 1 YEAR LIMITED WARRANTY (Commercial)

6 Year Warranty Includes

CC-9331

Harman Stove Company warrants its products to be free from defects in material or workmanship, in normal use and service, for a period of 6 years from the date of sales invoice and for mechanical and electrical failures, in normal use and service, for a period of 3 years from the date of sales invoice.

If defective in material or workmanship, during the warranty period, Harman Stove Company will, at its option, repair or replace the product as described below.

The warranty above constitutes the entire warranty with respect to Harman Stove Company products. The MAN STOVE COMPANY MAKES NO OTHER WARRANTY, EXPRESSED OR IMPLIED, INCLUDING NY" WARRANTY OF MERCHANTABILITY, OR WARRANTY OF FITNESS FOR A PARTICULAR PUR No employee, agent, dealer, or other person is authorized to give any warranty on behalf of Harman Stove Comp This warranty does not apply if the product has been altered in any way after leaving the factory. Harman Stove Company and its agents assume no hability for "resultant damages of any kind" arising from the use of its products. In Antion, the manufacturer and its warranty administrator shall be held free and harmless from liability from damage to operty related to the operation, proper or improper, of the equipment.

THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

THESE WARRANTIES APPLY only if the device is installed and operated as recommended in the user's manual.

THESE WARRANTIES WILL NOT APPLY if abuse, accident, improper installation, negligence, or receively evond rated capacity causes damage.

HOW TO MAKE A CLAIM - Any claim under this warranty should be made to the dealer from whom we's appliance was purchased. Then contact is made with manufacturer, giving the model and serial numbers, the date of purchase, your dealer's name and address, plus a simple explanation of the nature of the defect. Extra costs such as include and overtime are not covered. Nuisance calls are not covered by these warranties.

THIS WARRANTY IS LIMITED TO DEFECTIVE PARTS-REPAIR AND/OR REPLACEMENT AT HARMAN STOVE COMPANY'S OPTION AND EXCLUDES ANY INCIDENTAL AND CONSEQUENTIAL DAMAGES CONNECTED THEREWITH.

WARRANTY EXCLUSIONS: Failure due, but not limited to, fire, lightning, acts of God, power failures and/or surges, rust, corrosion and venting problems are not covered. Damage and/or repairs including but not limited so, remote controls, filters, fuses, knobs, glass, ceramic brick panels, ceramic fiber afterburners, door packing, tile, ceramic log sets, paint, batteries or battery back-up and related duct work are not covered. Also excluded from this warranty are consumable or normal wear items including but not limited to; flame guides, grates, coal bars, afterburner hoods, fire brick, gaskets. Additional exclusions for corn stoves are burnpot housing weldment, burnpot grate weldment (pellet or cerat), burnpot front plate lock, corn auger extension, ceramic insert, and ceramic insert plate. Additional or unusual utility bills incurred due to any malfunction or defect in equipment and the labor cost of gauging access to or removal of a unit that requires special tools or equipment are not covered. Maintenance needed to keep the stove in "good operating condition" is not covered. This includes, but is not limited to, cleaning, adjustment of customer controls and customer education. Labor, materials, expenses and/or equipment needed to comply with law and/or regulations set forth by any governmental agencies are not covered.

This Warranty provides specific legal rights and the consumer may have other rights that vary from state to state. In the event of change in ownership, the remaining portion of this warranty may be transferred to the new owner by sending the new owner information and a transfer fee of \$25.00 US to the Harman Stove Company.

PLEASE READ THE LITERATURE BY THE MANUFACTURER FOR THE VARIOUS ACCESSORY DE-VICES. THE MANUFACTURER WARRANTS THESE ACCESSORY DEVICES, NOT HARMAN STOVE COM-PANY OR THEIR WARRANTY ADMINISTRATOR. FURTHERMORE, THESE ACCESSORY DEVICES MUST BE INSTALLED AND USED ACCORDING TO THE RECOMMENDATIONS OF THE ACCESSORY DEVICES.

REMEDIES - The remedies set forth herein are exclusive and the liability of seller with respect to any contract or sale or anything done in connection therewith, whether in Contract, in tort, under any warranty, or otherwise, shall not, except as herein expressly provided, exceed the price of the equipment or part of which such liability is based.

CLARIFY - The above represents the complete warranty, which is given in connection with stoves, manufactured by Harman Stove Company. No other commitments, verbal or otherwise, shall apply except by a written addendum to this warranty.