



Heritage

(Model 8091)

Pellet Stove

OWNER'S MANUAL Operating Instructions

Please read this entire manual before installation and use of this pellet fuel burning room heater. Failure to follow these instructions could result in property damage, bodily injury, or even death.

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

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE!



We recommend that our products be installed and serviced by professionals who are certified in the U.S. by NFI (National Fireplace Institute).

www.nficertified.org



A French language version of this manual is available at www.hearthstonetech.com



Heritage Pellet Model 8091
Report: 261-S-04b-2
Manual: 6400-40465-1
Revision: 9 – 05/19/14

Intentionally Blank

Notes on Stove Operation and Efficiency

Rating:

You have purchased a Hearthstone Heritage 8091 pellet stove certified to comply to ASTM 1509-02 “Standards for Room Heaters, Pellet Fuel-Burning Type,” ULC/ORD-C1482-M1990 “Requirements for Space Heaters for Use with Particulate Solid Fuels,” and ULC-S627-00 “Standard for Space Heaters for Use With Solid Fuels.” It is certified at 1.3 gr/hr emission rate, is rated as 76.1% efficient, and as such under specific test conditions has been shown to deliver heat at rates ranging from 11,628 to 38,760 Btu (output). U.S. ENVIRONMENTAL PROTECTION AGENCY Certified to comply with 2020 particulate emission standards using pellet fuel.

This pellet heater has a manufacturer-set minimum allowable 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.

Please refer to the Warranty section of this manual for registration instructions. In case of warranty claims, please contact the point of original sale or the nearest authorized Hearthstone dealer. All warranty claims are processed by our dealer network. Authorized Hearthstone dealers can be located at www.hearthstonestoves.com.

DO NOT BURN: *Garbage, lawn clippings, yard waste, material containing rubber (including tires), materials containing plastic, waste petroleum products paints or paint thinners, asphalt products, materials containing asbestos, construction or demolition debris, railroad ties, pressure treated wood, manure or animal remains, salt water driftwood or other previously salt water saturated materials, unseasoned wood, paper products, cardboard, plywood or particleboard.* Burning these materials may result in a release of toxic fumes or render the heater ineffective and cause smoke. This 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 an affected wood heater though it is ***not*** recommended to use a fire starter of any kind in this stove.

This wood heater needs periodic inspection and repair for proper operation. It is against federal regulations to operate this wood heater in a manner inconsistent with operating instructions in this manual. Following the maintenance guidelines set forth in this manual will help insure the efficient use of your wood heater and minimize visible emissions. Having your stove inspected by a trained professional on a regular basis will greatly increase the potential for recognizing potential impacts to efficiency.

Proper draft is important to the efficient operation of your heater. Refer to the Installation Manual for information regarding appropriate flue installation. Follow these guidelines to ensure adequate draft. Both excessive and sub-minimum draft can affect the efficiency of your wood heater. Excessive draft can lead to over-consumption of fuel, lower overall heating capacity of the stove and potential over firing. Low draft can result in inefficient burns, low heat output, expulsion of smoke into the living area when stove doors are opened and an increased potential for build-up of flammable materials in the flue.

Efficiency:

To maximize the efficiency of your pellet stove make sure it is sized properly for the space you plan to heat. An oversized stove will often be forced to burn at a lower and less efficient burn rate. Consult with your dealer for sizing and correctly placing the stove in your home. An incorrectly placed stove can greatly reduce efficiency, such as installations in a basement meant to heat the entire home. Maximizing the efficiency of your stove and installation location will heat your house quickly, burn cleaner and use less fuel.

This stove should be used only with Premium grade pellets as rated by the Pellet Fuel Institute. Lesser grade pellets may produce less efficient burns and result in greater particulate emissions and increased maintenance intervals for your stove. In general, this stove operates in a more efficient manner at higher than minimum run rates; thus, it is better for overall efficiency if this stove runs consistently at or above 50% burn rate. Higher efficiencies and lower emissions generally result when burning softwood pellets. Store unused pellets in a dry space and burn only dry fuel. Using wet pellets will impact starting times, greatly reduce your efficiency and increase maintenance intervals.

CO Emissions:

Hearthstone Heritage and Manchester pellet stoves are considered “deemed certified” stoves as per the 2015 EPA NSPS ruling and were originally tested before CO data was required to be captured in testing.

Smoke/Fire/CO Detectors:

It is highly recommended that smoke and CO detectors be installed throughout the heated space when a wood burning heater is installed. Be certain to install these devices not only in the area where the wood appliance is located, but also in bedrooms, hallways leading to other areas of the house and all common areas of the heated space. Check the batteries in these devices and assure operation by performing whatever test operations are recommended by the manufacturer.

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Prior to operation this stove, read and follow all instructions in the **Installation Manual** supplied with your purchase.

General Cautions

- 🔥 **CAUTION: HOT WHILE IN OPERATION! KEEP CHILDREN, CLOTHING, AND FURNITURE AWAY. CONTACT MAY CAUSE SKIN BURNS.**
- 🔥 **CAUTION: DO NOT USE CHEMICALS OR FLUIDS TO START THE FIRE.**
- 🔥 **CAUTION: DO NOT BURN GARBAGE, FLAMMABLE LIQUIDS SUCH AS GASOLINE, NAPHTHA, OR ENGINE OIL.**
- 🔥 **CAUTION: THIS UNIT IS DESIGNED TO BURN ONLY PREMIUM NATURAL WOOD PELLETS. DO NOT BURN ANY OTHER MATERIAL NOT DESIGNATED AS WOOD PELLET FUEL. USE OF CHUNK WOOD IN THIS STOVE IS PROHIBITED BY LAW. BURNING ANYTHING OTHER THAN WOOD PELLET FUEL CAN CAUSE OVERFIRING, DAMAGE THE APPLIANCE, AND WILL VOID THE WARRANTY.**
- 🔥 **USE ONLY THE BURN POT DESIGNED FOR THIS STOVE – DO NOT SUBSTITUTE WITH OTHER PARTS OR USE A GRATE TO HOLD THE FUEL.**
- 🔥 **WARNING: DO NOT ABUSE THE FRONT DOOR GLASS BY STRIKING, OR BY SLAMMING THE DOOR.**
- 🔥 **CAUTION: DO NOT OPERATE THIS UNIT WITH BROKEN DOOR GLASS.**
- 🔥 **DO NOT ALLOW FIRE TO BURN TOO CLOSE TO THE GLASS.**
- 🔥 **DO NOT OPERATE WITH THE FRONT DOOR, OR ASH DRAWER OPEN – THE UNIT WILL SHUT DOWN.**
- 🔥 **DISCONTINUE OPERATION IF YOU SMELL SMOKE COMING FROM THE HEATER.**
- 🔥 **IF A MALFUNCTION IS SUSPECTED, TURN THE UNIT OFF USING THE CONTROL PANEL, DO NOT UNPLUG!**
- 🔥 **IF THE FLAMES BECOME SOOTY, OR THE BURN POT OVERFILLS WITH PELLETS, IT IS RECOMMENDED TO TURN OFF THE STOVE AND THOROUGHLY CLEAN ALL STOVE AREAS AS PER MAINTENANCE DIRECTIONS.**
- 🔥 **WHEN OPERATING NORMALLY, THIS APPLIANCE COULD TRIGGER SMOKE DETECTORS INSTALLED TOO CLOSE TO THE UNIT.**

Loading Pellets

Lift the hopper door vertically until fully opened, open secondary hopper door; add pellets into hopper until full. In order to maximize hopper capacity, push pellets into void spaces. With all voids full, maximum hopper capacity is approximately 50 lbs of pellets. To reduce the introduction of fines, or spillage, we recommend the use of a secondary container to add pellets. Clean up any pellets spilled on, or down inside the stove. Store pellets in a dry location, and outside the required clearances to combustibles of the heater

NOTES:

- 🔥 **WARNING! TOP GRILL AND FRONT EDGE OF STOVE CAN BECOME VERY HOT, AVOID ALL CONTACT WITH HEATED SURFACES**
- 🔥 **IF THE HOPPER DOOR IS LEFT OPEN, A **CAP OPEN** MESSAGE WILL SHOW ON THE DISPLAY. AN OPEN HOPPER DOOR WILL AUTOMATICALLY STOP FUNCTION OF THE FEED AUGER, AS THE AUGER POSES A HAZARD TO FINGERS DURING OPERATION. TO ACKNOWLEDGE THIS MESSAGE, SIMPLY CLOSE THE HOPPER DOOR.**

Stove Operation

All operations of the stove are initiated from the User Interface pad. This pad is designed to provide simple, user-friendly operation of the stove. There are only four buttons on the interface pad, **Power (On/Off)**, **MENU**, **+**, **-**. During normal operation, the interface screen will illuminate red. When the unit is in OFF mode, but power is supplied, the pad will display its operational state without the red backlighting. If an error is detected, an error message is displayed, and the readout will flash. See Figure 1 for User Interface Pad reference.

Navigation of the software sub-screens is done using the interface pad. In general, entering a menu is accomplished by pushing one or a simultaneous combination of two buttons, then using another as a means to scroll between sub-screens. When the parameter screen you are interested in affecting is displayed on the LCD readout, pressing one button enters the screen, at which point the plus and minus buttons allow you to change settings. For each menu, the correct procedure and required buttons will be outline later in this manual.

The combustion process in your stove is controlled by a central processor that receives information from multiple sensors installed throughout the stove. Do not attempt to override and of the sensors or your stove may over-fire and damage can result. Further, do not attempt to shorten or override the warm up, cool down or emergency stop burn cycles.

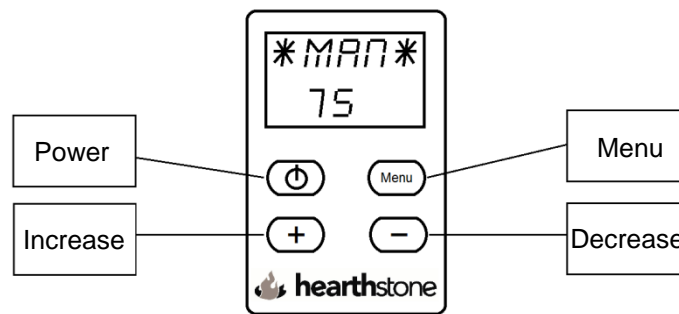


Figure 1 – LCD Screen and Touch Pad

Modes of Operation

Hearthstone pellet stoves have various modes of operation. They are:

- 🔥 **Manual** – Most basic mode (no thermostatic control). This mode is recommended for reasons of predictability in fuel consumption, maintenance schedules, and overall comfort of the living space. In general, pellet stoves work more efficiently in an “always on” operational mode. Selecting Manual mode and choosing a heat output level that maintains a comfortable temperature in the living space without requiring the stove to shut down while the home cools will deliver a more even temperature in the space as well as result in a more efficient burn.
- 🔥 **Thermostat** – Optional mode. Requires an external mili-volt thermostat sold at your local Hearthstone dealer or hardware store and the removal of a jumper wire from the control module. This jumper wire occupies the ports into which the thermostat interface wire is connected (see Installation Manual). Use of this mode can result in shorter periods between required maintenance due to an increased frequency of stove starting and stopping.
- 🔥 **Automatic** – Optional mode. Requires the use of the Hearthstone’s Room Sensor. The Room Sensor modulates the stove to maintain an even room temperature in the living space. This mode works well in large, open floor plan homes where heat from the stove can freely move. In average size spaces, heating in this mode may result in increased starts and stops due to heat loading of the room occurring quickly enough that the stove control is unable to modulate appropriately.
- 🔥 **Programmable** – Optional mode. Requires the use of the Hearthstone’s Room Sensor.

Note: If the stove is triggered to shut down and then triggered to turn back on immediately, it will still go through the complete shut down and startup process.

Operational Cycles

Startup Cycle

All of the operation modes use the same startup cycle. Once the startup sequence is initiated, the stove does not require any user intervention. The entire sequence will take between 10 and 20 minutes depending on the starting temperature of the stove and type of pellets. The igniter, auger, and exhaust fan turn on immediately when the ignition phase is started. The burn pot will partially fill. The amount of filling depends on how full the auger is before the stove is started and the amount of ash and clinkers in the pot. Once the initial amounts of pellets are in the pot, the auger will stop until the pellets ignite. The unit will smoke for a few minutes as the pellets heat, shortly followed by visible flames. Once the flame temperature in the firebox has reached a specific temperature, the unit will progress to the start phase. The start phase operates until the flame temperature sensor in the firebox reaches the normal operating temperature. The convection fan will start as soon as the ignition sequence is complete and the stove transfers into whatever operational mode the user has selected.

Shutdown Cycle

The display will either read **Stop** or **Off** depending on if the unit is shut down manually or from the wall thermostat / room sensor. When the shutdown process starts, the exhaust fan is switched to high.

Once the fire is fully extinguished the control will either display **OFF** or **STANDBY**.

OFF will display if the shutdown was manually initiated, or **STANDBY**, if it was turned off by either a wall thermostat or a room sensor.

Quick Cleaning Cycle

Every hour the unit enters a quick cleaning cycle. The cleaning cycle is the same for every operating mode. The cleaning cycle will last several minutes, and then the stove will return to the current operating setting. During the cleaning cycle, the feed rate of the pellets decreases and the exhaust fan speed increases.

Shutdown Cleaning Cycle

After the unit runs for five hours, it enters a more extensive shutdown cleaning cycle. The stove cleans the burn pot by stopping the pellet feed and increasing the exhaust fan speed allowing the fire to extinguish completely. Once the fire is out completely, the stove will enter a normal startup cycle.

Standby

When using the Hearthstone Heritage or Manchester pellet stoves in AUTO or TSTAT mode, the stove will shut off if the room sensor or thermostat have met the preset temperature. In these instances, the stove user interface display will read "STBY" and the stove will remain off. Only when the room temperature falls below the preset level will the stove re0ignite and being operation again.

Power Outages

The stove does not have backup power to operate during power outages. If the unit is installed with no vertical exhaust venting, it may cause smoke to backup into the room. To minimize the potential for smoke entering the room Hearthstone suggests installing the unit with a minimum of five feet of vertical venting and the use of outside air intake venting. Once the power is restored, the stove will return to the operational setting active prior to the outage. If ignition is required, the stove will enter a special ignition procedure. If you live in an area that experiences frequent power outages, you can use an aftermarket backup power supply for this stove, or you can use a generator. Contact your dealer for purchase options and assistance.


Frost Setting

This stove is equipped with a frost setting. To utilize the setting, the room sensor must be connected and the stove must be turned off in the Automatic or Programmable Modes. If the room temperature drops below 42°F, the stove will automatically turn on at its maximum heat output setting, and then turn off when the room reaches 55°F.

🔥 Note: This unit is a supplemental heat source. It will not operate without fuel or electricity. Therefore, unattended operation time is limited. Use extreme caution with this feature.

Below are images of the control and software screens including guides to navigation, selection and setup. Follow the instruction on the applicable pages to select and configure the mode of operation you have selected.

To Turn Stove On or Off

Press the  button to turn the stove on and off.

🔥 Note: The stove will not ignite if the set temperature is already achieved.

🔥 If the stove is in operation, after pressing the Power button to turn the unit off the display will show "OFF" but the unit may take as long as 15 minutes to fully shut off. This is a safety feature and allows the stove to safely extinguish all burning or smoldering material in the burn pot.

Lighting a Fire

Hearthstone pellet stoves are self priming and require only the push of the Power button to ignite the fuel if the stove is not already in operation. Providing the burn pot is clean and properly installed, stove/ash pan are clean, and the burn chamber is appropriately sealed, the stove should progress through the ignition process automatically. Once the ignition sequence is initiated either by a manual or automatic request, the stove will progress through three distinct stages.

- 1) **IGNIT:** Immediately after the ignition sequence is initiated, the LDC screen will display "IGNIT." During this phase, the stove will slowly begin filling the burn pot with pellets. This procedure occurs in three timed auger runs, each separated by several minutes. During the pauses, the igniter element and combustion fan are running to ignite the burn pot load.
- 2) **START:** Once flame has been established in the burn pot and the Flame Sensor at the top of the firebox has reached a pre-set temperature, the stove control system will transition to a sustaining fire mode. This mode is identified by

“START” on the LCD. The auger begins short, regularly spaced pellet drops into the burn pot and the Flame Sensor is looking for continuous, stable heat. If these conditions are identified, the system will transition into the final run phase.

- 3) **Run:** This final phase is identified by the LCD displaying test relevant to whatever control mode the user has selected. For example: if the user is using the stove in Manual mode and has the overall burn rate set to 50%, the LCD screen will display “MAN 50.” If the user has selected thermostat mode and has set the stove to 75%, the LCD will display “TSTAT 75.” Selecting the room sensor mode, or AUTO, and a room temperature of 75° will result in the display reading “AUTO 75.” This phase is the overall run mode and will continue to be displayed until the stove is either turned off or enters an automatic cleaning phase or standby mode.

Refer to the following graphics for navigation of the software and selecting/configuring operational modes and parameters..

Operation:

- Operating in the Basic Setting : MAN Mode (Manual mode)
- Turning the stove ON / OFF and adjusting the Heat Output

Conditions • Stove Plugged In

- No Thermostat Connected
- No Room Sensor Connected

1 Plug in the stove:

This indicates that the stove is in MAN Mode. This is the factory setting.

2 Turning on the stove:

PRESS POWER BUTTON

Press and release buttons quickly, unless otherwise noted.

This indicates that the stove is igniting. Allow up to 10 min. for the stove to ignite.

This indicates that the stove is ignited, and climbing toward the Heat Output setting.

3 Adjust the Heat Output:

PRESS + or - BUTTON

PRESS MULTIPLE TIMES

This shows the percentage of heat output. PRESS + or - to go between 30(%) and 100(%)

4 Turning off the stove:

PRESS POWER BUTTON HOLD 3 SECONDS

This indicates that the stove is stopping. Allow 10 minutes for the stove to turn off.

This indicates that the stove is OFF. The stove may now be restarted.

Operation:

- Switching between MAN Mode / TSTAT Mode (Thermostat Mode)
- Operating in TSTAT Mode

Conditions

- Stove Plugged In
- Thermostat Connected (UL apprvy Millivolt)
- No Room Sensor Connected

1 Switching between MAN Mode / TSTAT Mode, Starting the stove in TSTAT Mode:

When the Menu button is released, the screen will change to TSTAT Mode.

PRESS MENU BUTTON HOLD 15 SECONDS

To return to MAN mode, repeat step 1.

This indicates that the stove is in TSTAT Mode. Press the Power Button to start the stove.

PRESS POWER BUTTON

Press and release buttons quickly, unless otherwise noted.

3 Running Cycle in TSTAT Mode:

IGNIT The stove is igniting.

START The stove is ignited, and climbing toward the Heat Output setting.

STOP The stove is stopping.

STDBY The stove is in Standing by. Room temp. is satisfied.

TSTAT 75 Heat Output setting.

4 Turning off the stove:

PRESS POWER BUTTON HOLD 3 SECONDS

This indicates that the stove is OFF.

2 Adjust the Heat Output:

This shows the percentage of heat output. **PRESS + or -** to go between 30(%) and 100(%).

The thermostat (connected to the back of the stove) will stop and start the stove, always running at the indicated Heat Output.

PRESS + or - BUTTON

Allow up to 10 min. for the stove to react to temperature setting changes.

Operation:

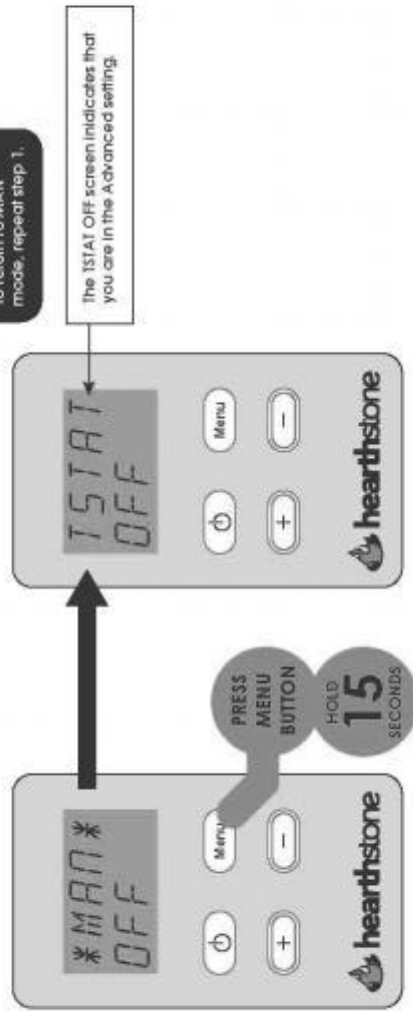
- Switching between MAN Mode / AUTO Mode (Automatic Mode)
- Operating in AUTO Mode

Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

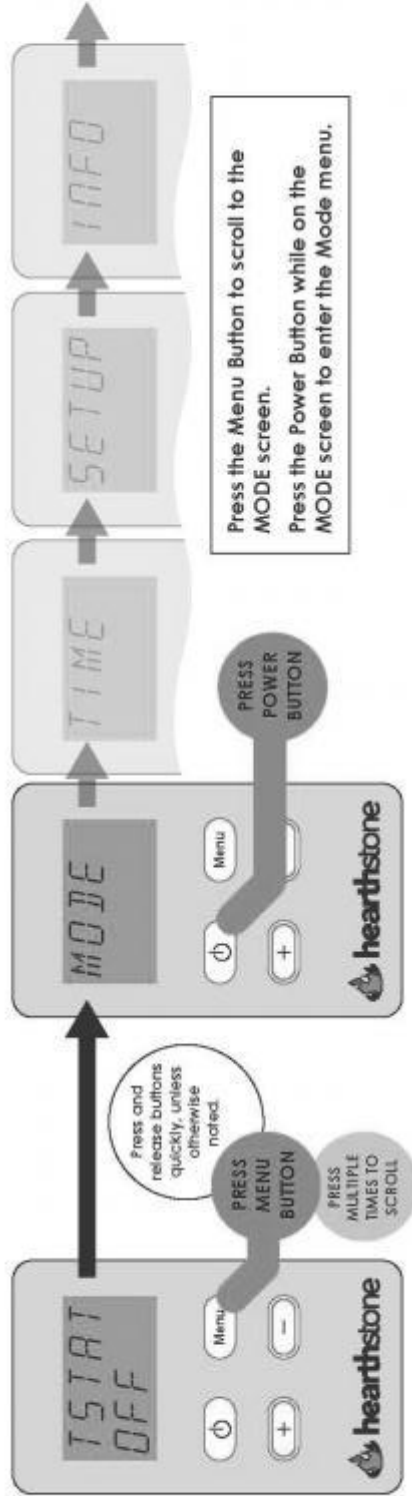
1

Enter the Advanced Setting:



2

Enter the MODE menu:



Operation:

- Switching between MAN Mode / AUTO Mode (Automatic Mode)
- Operating in AUTO Mode

Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

3 Selecting AUTO Mode:

This screen indicates that you are in the MODE menu.
Note that the line is blank below the words TSTAT, AUTO, or PROG.

Press the - / + Buttons to scroll through 3 options, as shown.
Press the Power Button while on the AUTO screen to select AUTO Mode.

4 Starting your stove in AUTO Mode:

Press the Menu Button to scroll through 5 options, as shown.
Press the Power Button while on the AUTO OFF screen to activate Automatic Mode.

Operation:

- Switching between MAN Mode / AUTO Mode (Automatic Mode)
- Operating in AUTO Mode

Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

5 Adjusting the Heat Output:

The Home temp. setting can be adjusted at any stage of the running cycle (running cycle shown in step 22)

This indicates that the stove is in Automatic Mode.

This shows the target room temperature in degrees Fahrenheit.

PRESS + or - to increase or decrease the temperature setting by 1°F.

The Room Sensor will sense the temperature of the room, and run the stove in order to maintain the set temperature.

Allow up to 10 min. for the stove to react to temperature setting changes.

6 Turning off the stove:

PRESS POWER BUTTON

HOLD 3 SECONDS

This indicates that the stove is OFF.

7 Running Cycle in Automatic Mode:

Heat Output setting.

The stove is igniting.

The stove is ignited, and climbing toward the Heat Output setting.

The stove is stopping.

The stove is in Standing by. Room temp. is satisfied.

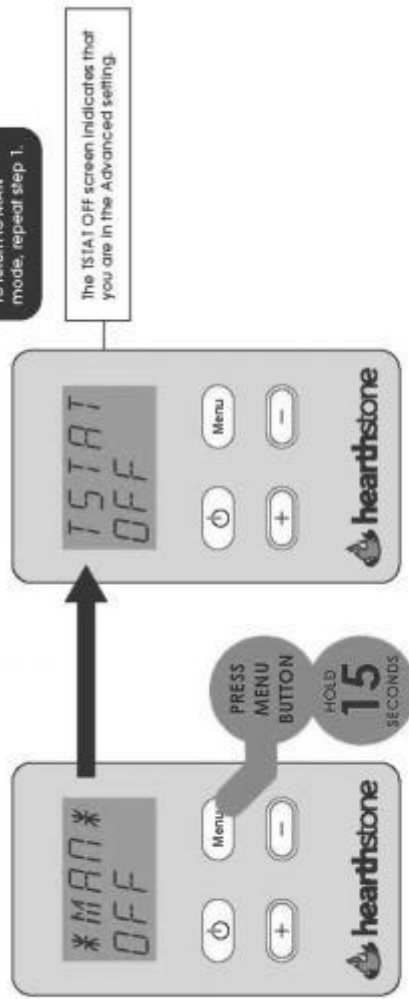
Operation:

- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

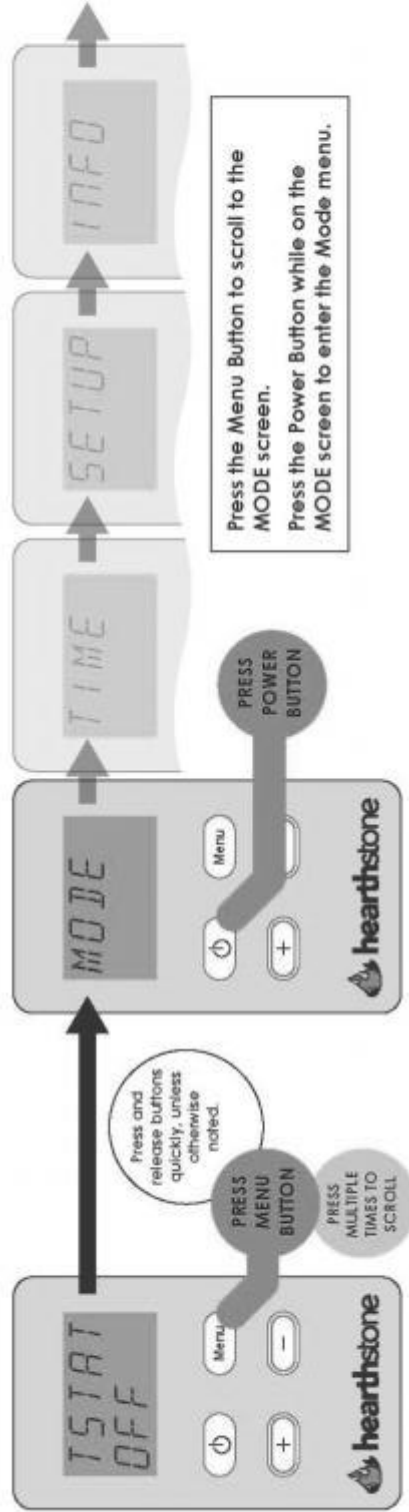
Conditions:

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

1 Enter the Advanced Setting:



2 Enter the MODE menu:



Operation:

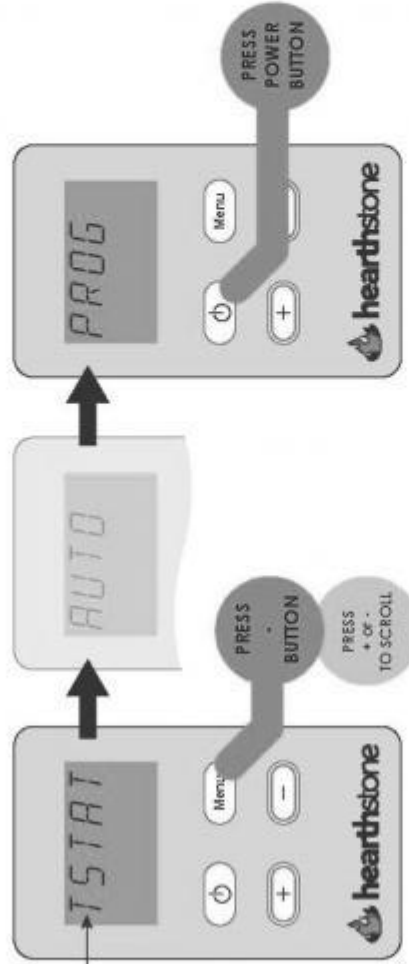
- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

Conditions

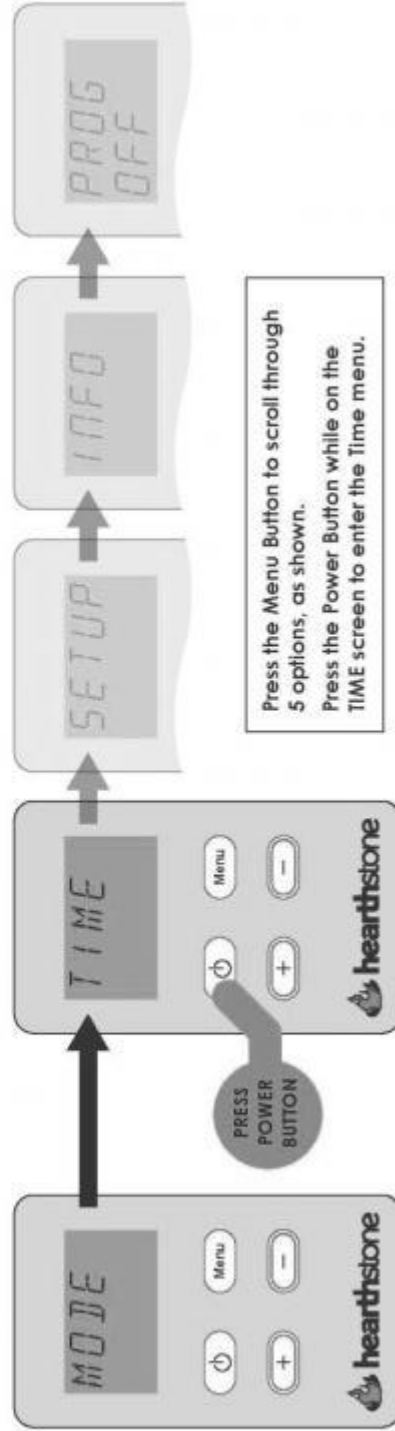
- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

3 Selecting PROG Mode:

This screen indicates that you are in the MODE menu. Note that the line is blank below the words TSTAT, AUTO, or PROG.



4 Enter the Time menu:



Operation:

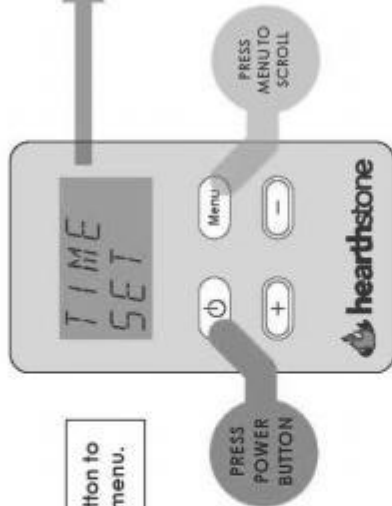
- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

5 Enter the TIME SET Menu:

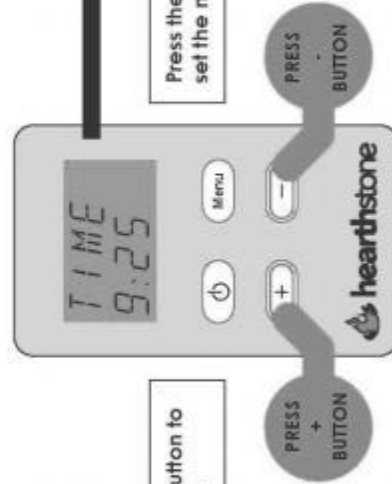
Press the Power Button to enter the TIME SET menu.



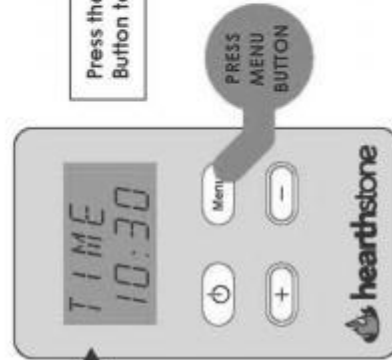
Pressing the Menu Button repeatedly will bring you back to Step 4.

6 Setting the time:

Press the + Button to set the hour.



Press the - Button to set the minute.



Press the Menu Button to continue.

Time is displayed using the 24 hour clock.

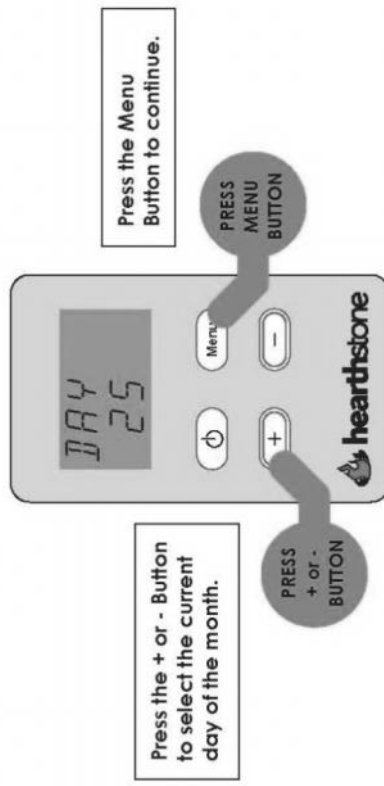
Operation:

- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

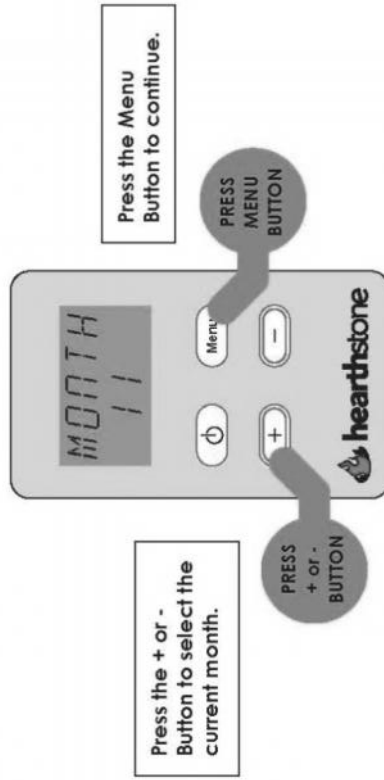
Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

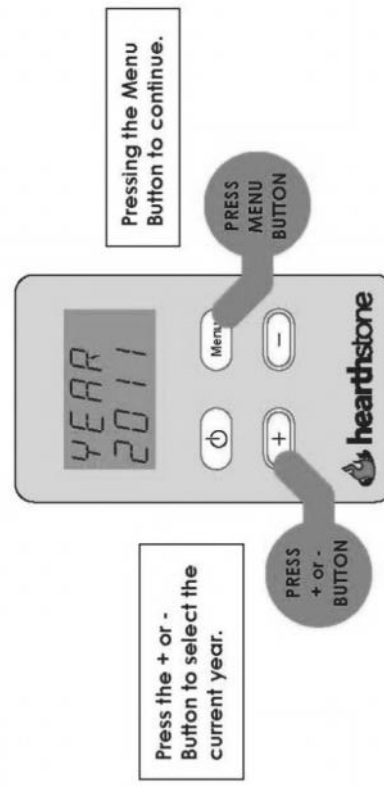
7 Setting the day:



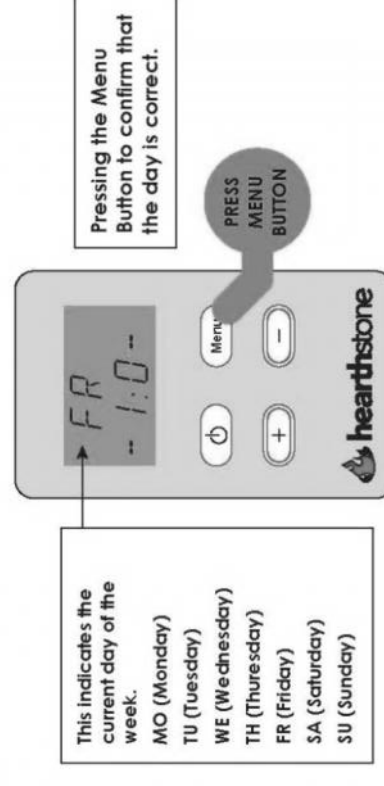
8 Setting the month:



9 Setting the year:



10 Confirm the Time / Date settings:



Operation:

- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

11 Programming Options:

Programming your stove allows you to set 2 different Heat Output levels: one for when you are Home, and one for when you are Away.

Your stove must be set with 2 Home time periods. This would typically mean one Home time period in the morning, and one Home time period in the evening. The Away time periods fall in between the Home time periods.

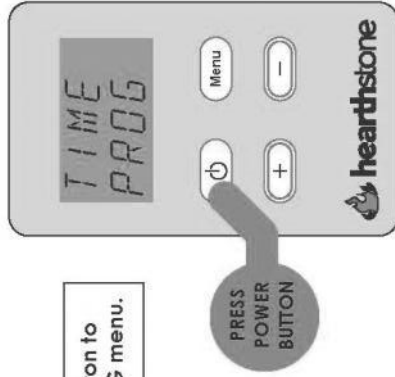
You must choose one of two options when programming your stove: WEEK or DAY

WEEK - Set one program for the week, every day will run on the same schedule.

DAY - Set a specific program for each day of the week.

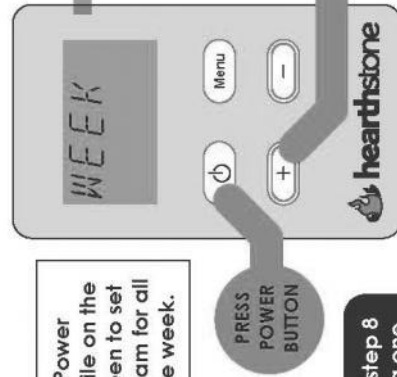
12 Enter the TIME PROG Menu:

Press the Power Button to enter the TIME PROG menu.



13 Setting one program for the week:

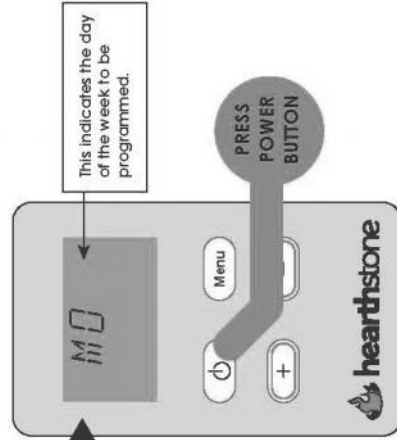
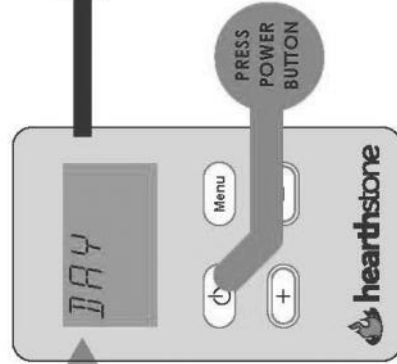
Press the Power Button while on the WEEK screen to set one program for all days of the week.



Skip to step 8 if setting one program for the week

14 Setting a program for each day of the week:

Press the + Button to scroll to the DAY screen. Press the Power Button to Program the individual days.



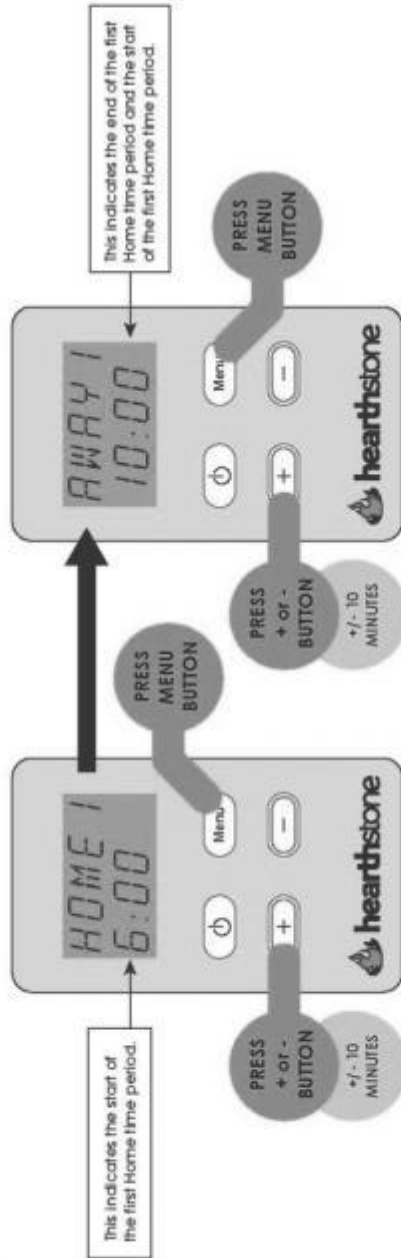
Operation:

- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

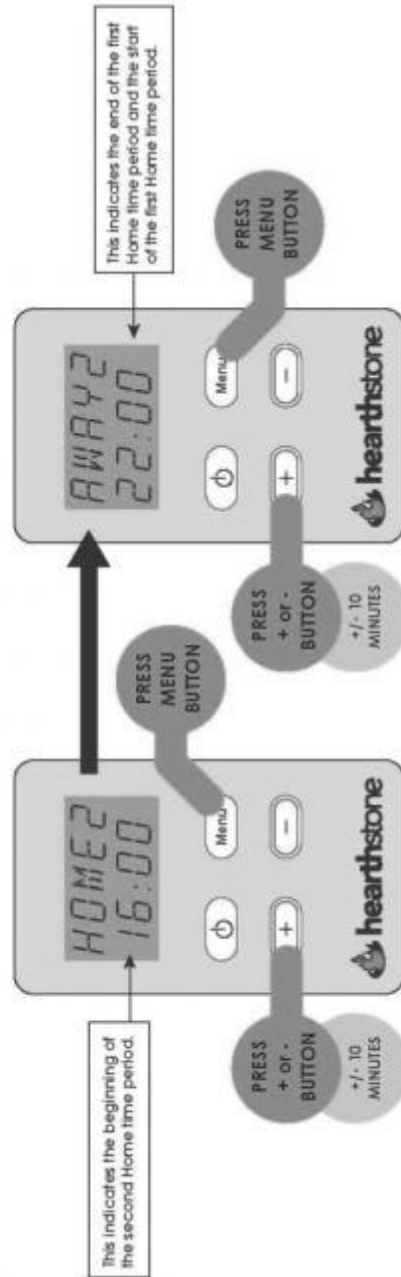
15 Setting the first Home time period:



Time is displayed using the 24 hour clock.

This sets the beginning time and end time between which you are usually at home in the morning. In this case, between 6:00am and 10:00am the stove will run at the Home temperature. Before and after this time period, the stove will run at the Away temperature. Both the Home and Away temperatures will be defined after programming.

16 Setting the second Home time period:



Time is displayed using the 24 hour clock.

This sets the beginning time and end time between which you are usually at home in the evening. In this case, between 4:00pm and 10:00pm the stove will run at the Home temperature. Before and after this time period, the stove will run at the Away temperature. Both the Home and Away temperatures will be defined after programming.

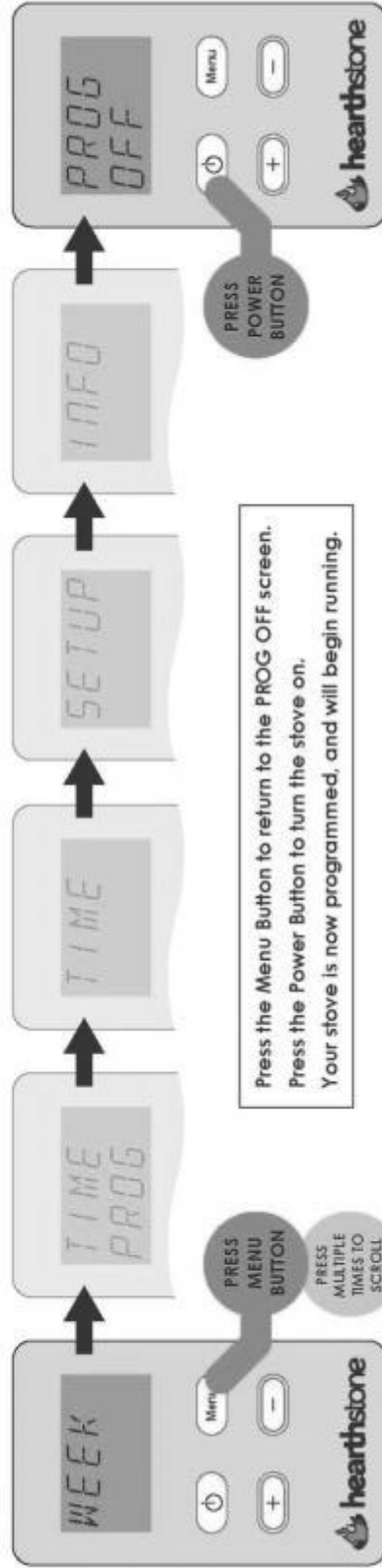
Operation:

- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

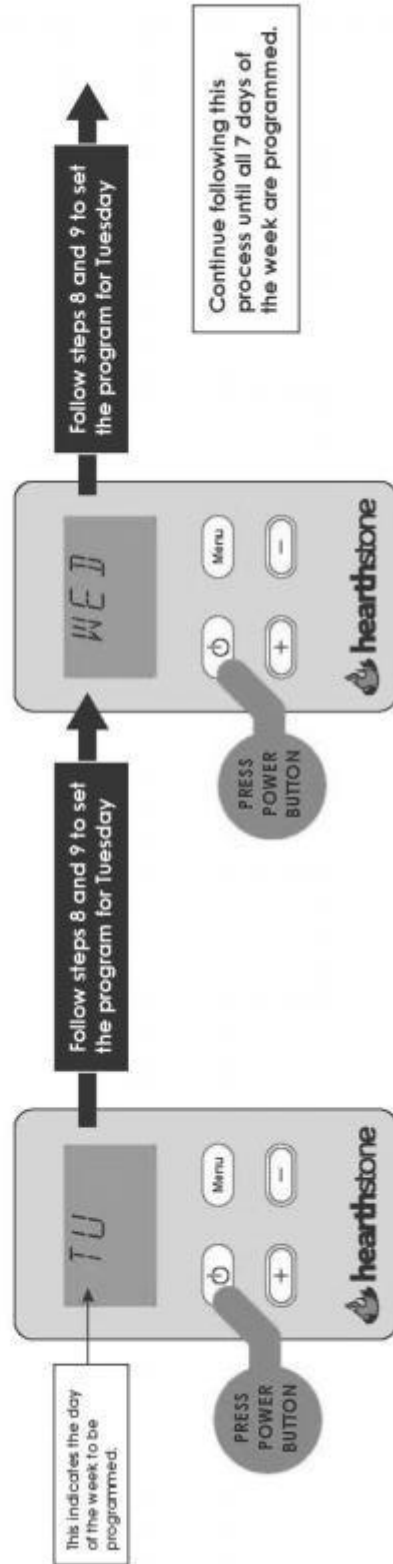
Conditions:

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

17 Starting the stove with one program for the week: (Only applies if you followed step 13)



18 Programming each day of the week: (Only applies if you followed step 14)



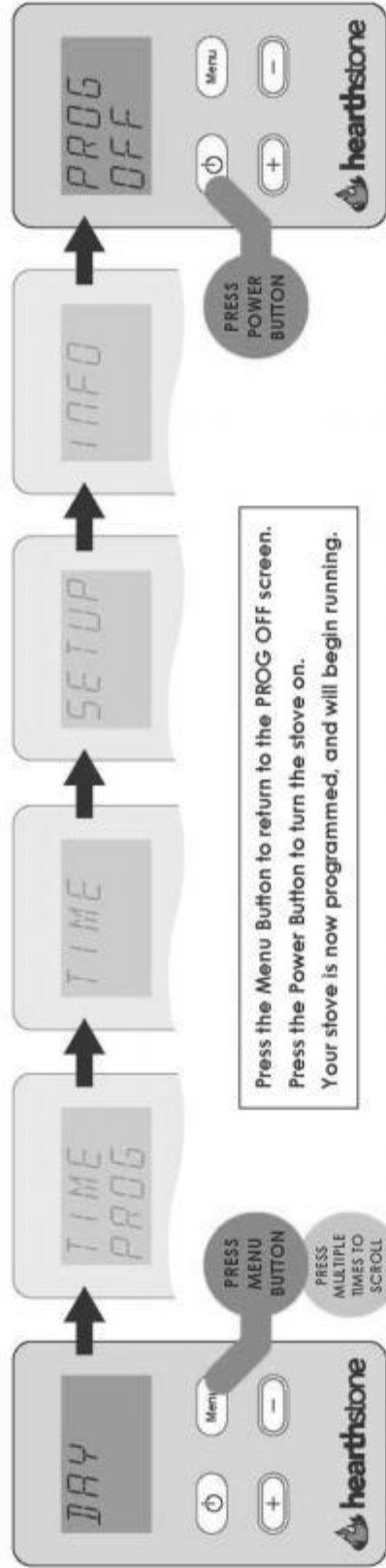
Operation:

- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

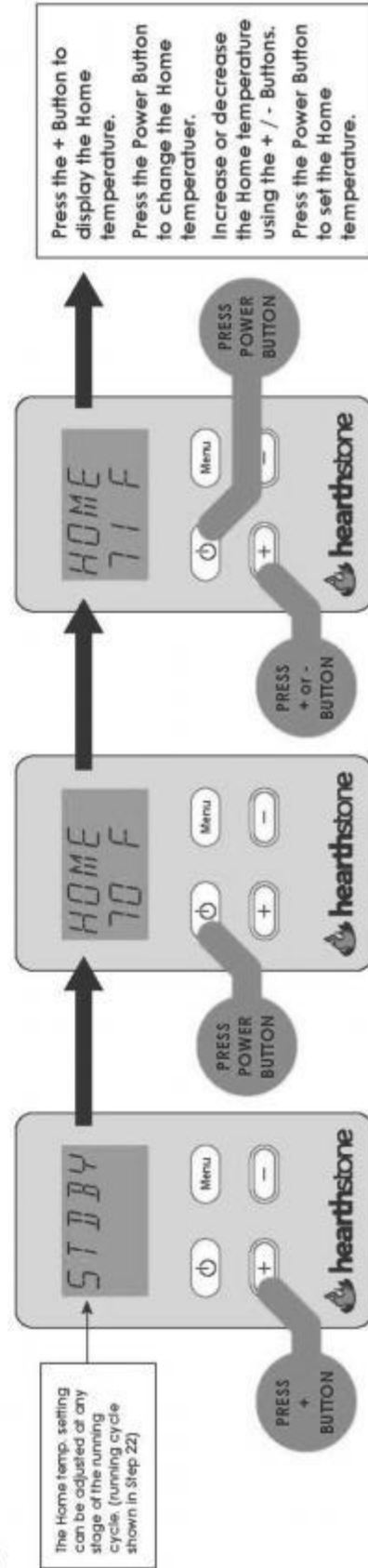
Conditions

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

19 Starting the stove with each day of the week programmed: (Only applies if you followed step 18)



20 Setting the Home temperature:



Operation:

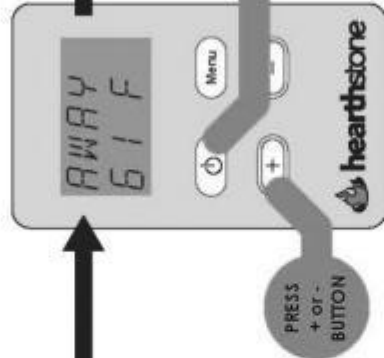
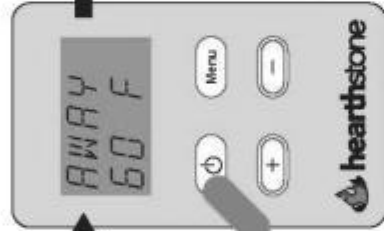
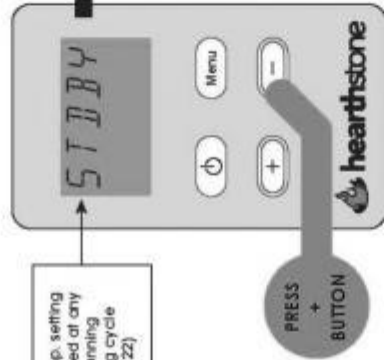
- Switching between MAN Mode / PROG Mode (Programmable Mode)
- Operating in PROG Mode

Conditions:

- Stove Plugged In
- No Thermostat Connected
- Room Sensor Connected

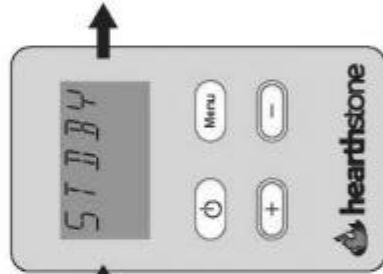
21 Setting the Away temperature:

The Away temp. setting can be adjusted at any stage of the running cycle (running cycle shown in step 22)



Press the - Button to display the Away temperature.
 Press the Power Button to change the Away temperature.
 Increase or decrease the Away temperature using the + / - Buttons.
 Press the Power Button to set the Away temperature.

22 Running Cycle in Programmable Mode:



















23 Turning off the stove:



Programming

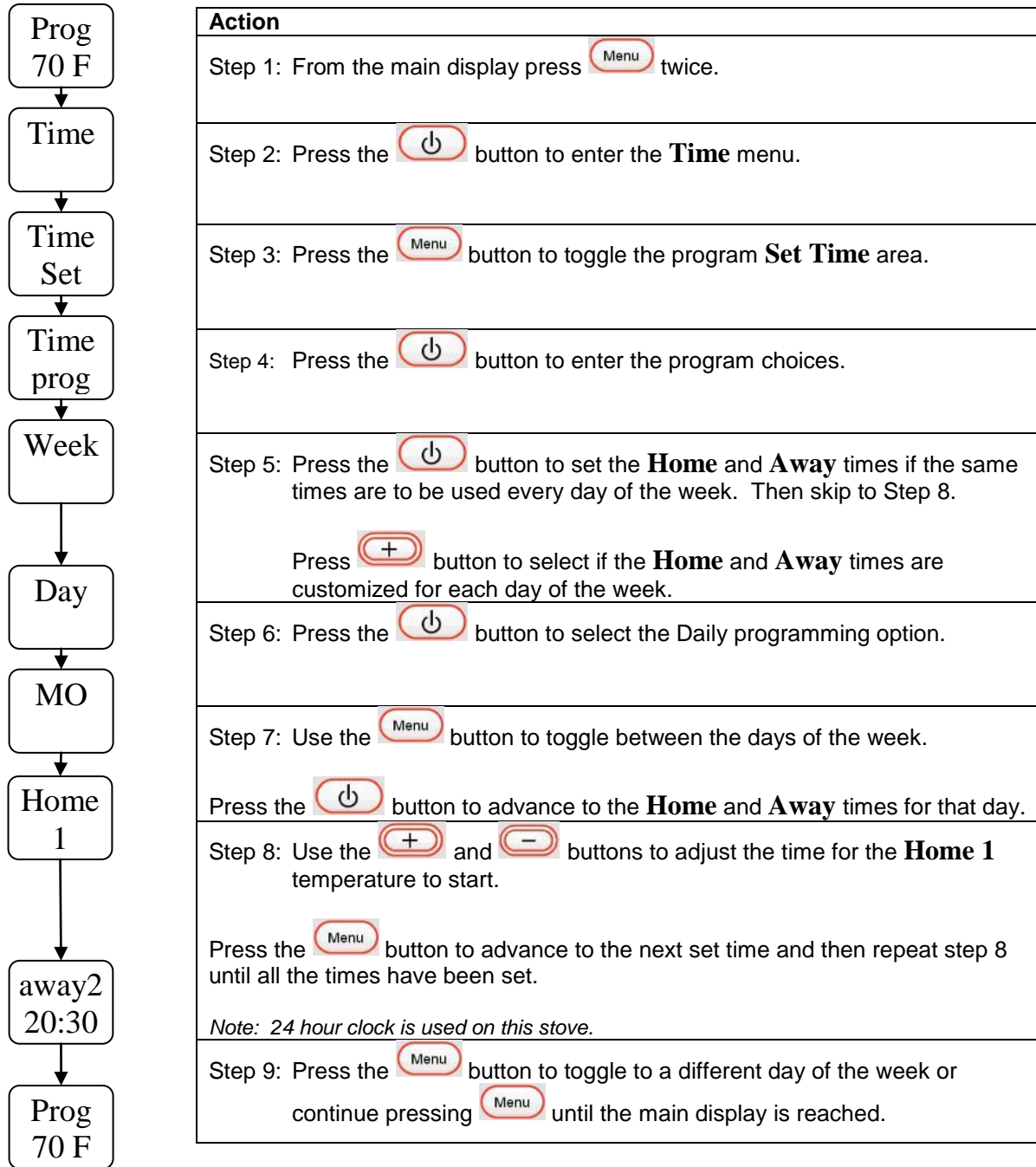
Set the Current Time/Date (Programmable Mode)

Prog 70 F	Action
time	Step 1: From the main display press  twice.
Time Set	Step 2: Press the  button to enter the Time menu.
Time 9:25	Step 3: Press the  button to enter the Time Set area.
day 25	Step 4: Use the  button to set the hour and the  button to set the minutes. Once the time is set press  to continue. <i>Note: 24 hour clock is used on this stove.</i>
Month 12	Step 5: Use the  and  buttons to change and set the current day of the month. Press  to continue.
Year 2009	Step 6: Use the  and  buttons to change and set the current month of the year. Press  to continue.
we - 1:0 -	Step 7: Use the  and  buttons to change and set the current year. Press  to continue.
Prog 70 F	Step 8: The current day of the week displays. Press  to confirm the date settings.

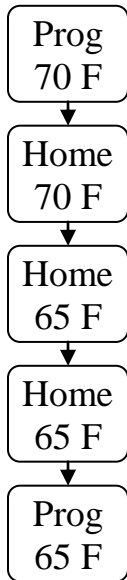
Programming the Heating Schedule (Programmable Mode)







The stove can be programmed with two different set temperatures, one home and one away. Each of these set temperatures have two different times they can be switched on. The stove can use the same Home and Away time every day of the week or they can be set differently for every day.

Setting the Home and Away schedule

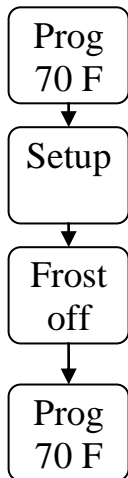







To Adjust Home and Away Temperature (Programmable Mode)



Action
Step 1: From the main display press  to view the Home set temperature or  to view the Away set temperature.
Step 2: Press the  to modify the set temperature.
Step 3: Use the  and  buttons to change the temperatures.
Step 4: Press the  button to confirm the change in the set temperature.

Turning On and Off the Frost Setting









Action
Step 1: From the main display press  three times.
Step 2: Press the  button to enter the setup menu.
Step 3: Press the  button turn the frost setting on and  to turn the frost setting off.
Step 4: Continue pressing  until the main display is reached.





Adjusting the Exhaust Fan Speed

You should only adjust the exhaust fan speed if the flames have an orange, dirty look and the burn pot has to be cleaned more than once a day. If the fan speed is too high, the fire will extinguish when on the lowest burn rate, and the **No Pellets** error will appear on the display.

Changing the Exhaust Fan Speed

Action
Step 1: From the main display press  three times.
Step 2: Press the  button to enter the setup menu.
Step 3: Press  twice.
Step 4: Press the  and  buttons to adjust the fan speed faster and slower. The maximum setting is +30 and the minimum is -10.
Step 5: Continue pressing  until the main display is reached.

Maintenance

-  **ALWAYS WORK ON A COOL STOVE!**
-  **ALWAYS DISCONNECT THE POWER BEFORE PERFORMING ANY MAINTENANCE.**
-  **WARNING: DO NOT USE ABRASIVE CLEANERS ON THE DOOR GLASS. SCRATCHING THE CERAMIC GLASS WILL COMPROMISE ITS STRENGTH.**
-  **WARNING: DO NOT CLEAN THE GLASS WHILE THE STOVE IS BURNING, OR WHEN THE GLASS IS HOT.**

Proper maintenance is essential to clean and reliable performance of your Hearthstone Stove. Operating the stove while in need of service can increase visible emissions, effect overall heat output, interfere with starting and cause sooting of the door glass.

Your Heritage Pellet stove requires routine maintenance and care. Ensure your stove is cool to the touch and unplugged during cleaning or service. Have qualified service personnel inspect the unit and venting once a year to ensure that they are clean, free of obstruction, safe, and in good working order. If service is required, only qualified service personnel should perform it.

-  **WARNING: DO NOT SUBSTITUTE MATERIALS. FOR REPLACEMENT PARTS, OR FOR INFORMATION ABOUT PARTS OR SERVICE, CONTACT YOUR LOCAL HEARTHSTONE DEALER.**
-  **NOTE: TURN THE UNIT OFF. ALLOW THE UNIT TO COOL. DO NOT OPEN THE ASH PAN OR FRONT DOOR UNTIL THE STOVE IS COMPLETELY COOLED.**

Ash Disposal

Disposal of Ashes – Ashes should be placed in a steel container with a tight fitting lid. Other waste shall not be placed in this container. 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 been thoroughly cooled. Ensure you firmly seat the ash pan when ash removal is completed.

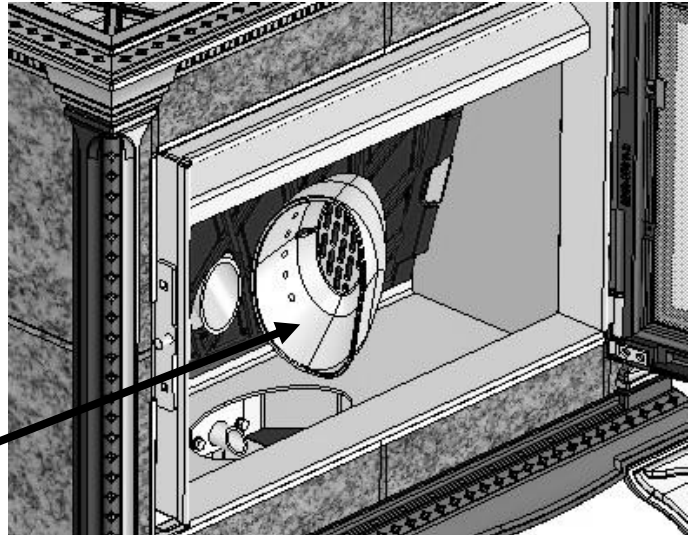
-  **Note: Do not open the ash pan or front door until the stove is completely cooled.**

Level 1 - Daily

Clean burn pot

1. Open front door.
2. Check for buildup, and remove clinkers if present.
3. Remove burn pot and sweep ashes into ash pan if necessary.
4. Clean and check burn pot for wear.

Burn Pot

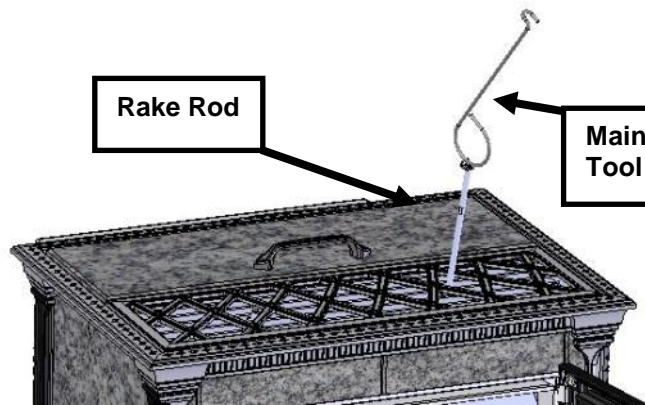


Clean heat exchanger

1. Exercise both rakes using provided maintenance tool.

Rake Rod

Maintenance Tool



Level 2 – Weekly or as Needed

Remove ash from firebox

1. Lift burn pot, sweep ashes into ash pan or use an ash vacuum.

WARNING! USE OF A REGULAR VACUUM MAY CAUSE A FIRE.

Remove ash from ash pan

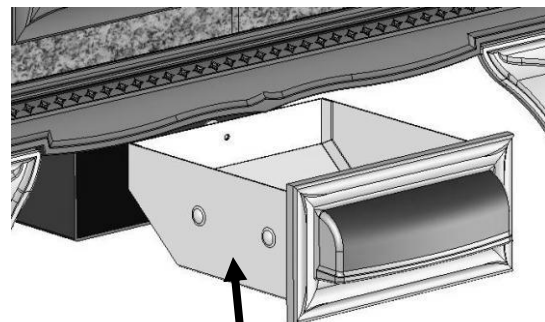
1. Remove drawer, deposit ashes in proper metal receptacle with closable lid.

Clean glass

DO NOT USE ABRASIVE CLEANERS ON THE GLASS.

1. Use glass cleaner and soft cloth, or use pellet ash and a water moistened cloth (rub lightly).

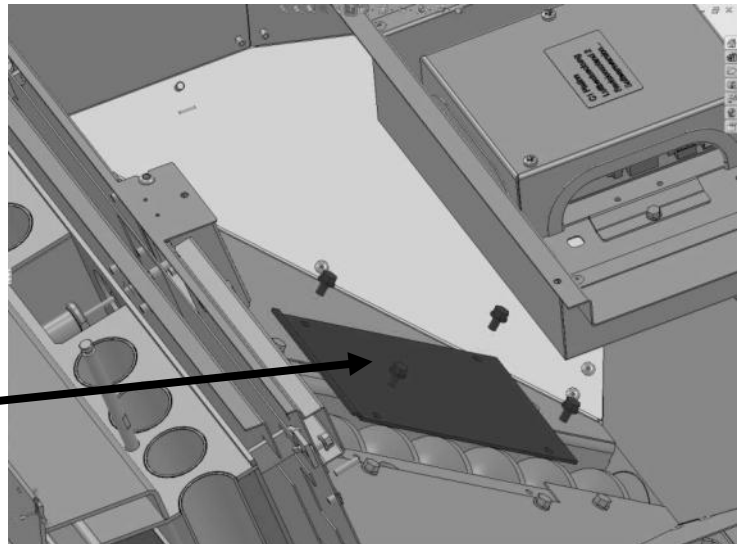
Ash Pan



Level 3 – at Least Monthly Clean Hopper & Auger

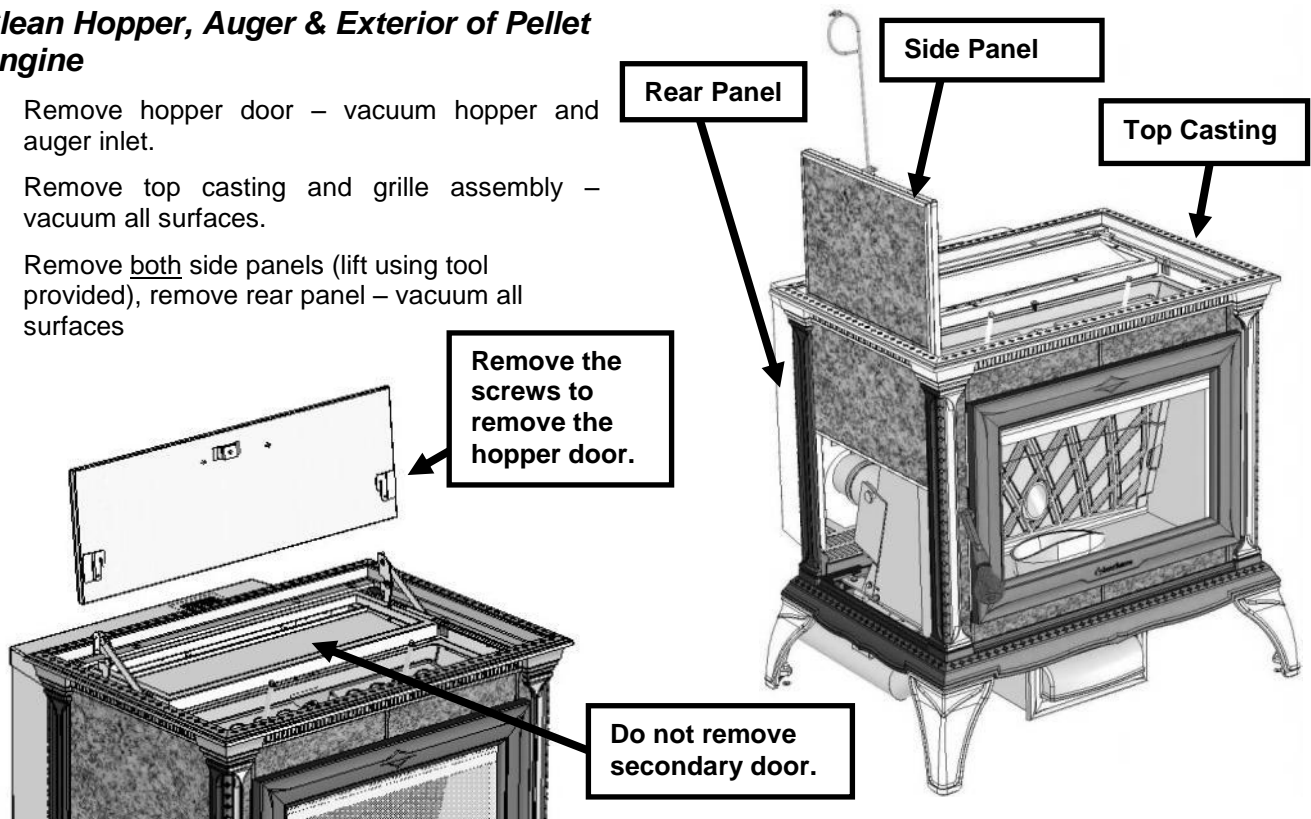
1. Remove auger access plate inside hopper (8mm wrench or socket).
- 👉 **AVOID DROPPING BOLTS INTO AUGER.**
2. Vacuum any fines in hopper and auger trough.
3. Replace access plate.

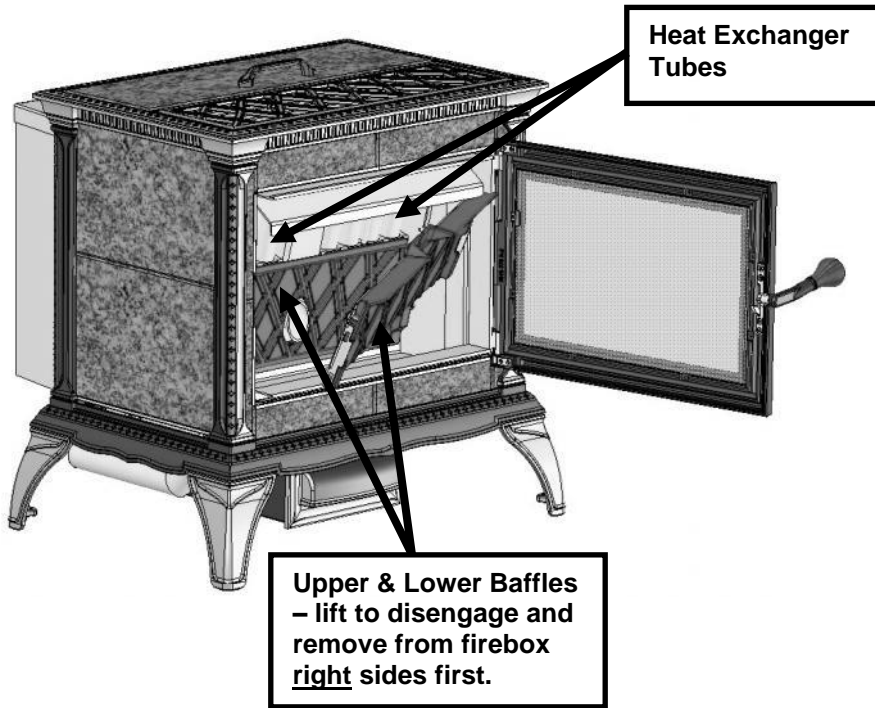
Auger Access Plate



Level 4 – at Least Yearly or Every Ton of Pellets Clean Hopper, Auger & Exterior of Pellet Engine

1. Remove hopper door – vacuum hopper and auger inlet.
2. Remove top casting and grille assembly – vacuum all surfaces.
3. Remove both side panels (lift using tool provided), remove rear panel – vacuum all surfaces



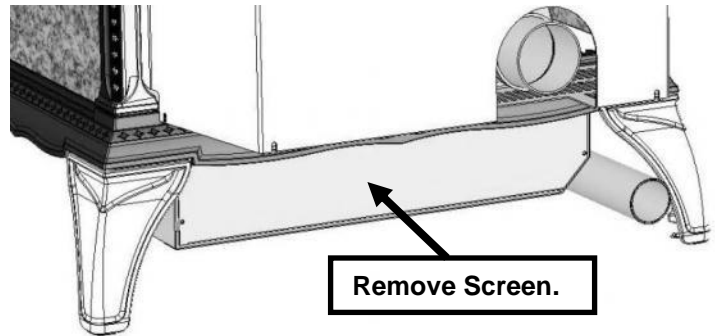


Clean Baffles & Heat Exchanger

1. Remove and clean firebox baffles. Inspect for burn through or cracking – replace as required.
2. Exercise rakes, vacuum all accessible surfaces and spaces.
3. Clean convection fan impeller cage with a soft brush – vacuum as necessary.
4. You can use high temperature stove paint inside the firebox after cleaning to prevent rust during the non-heating season.

Clean Convection Fan

1. Remove the screen panel (4 screws) – vacuum screen and inside housing, remove any build up from fan blades with soft bristle brush.

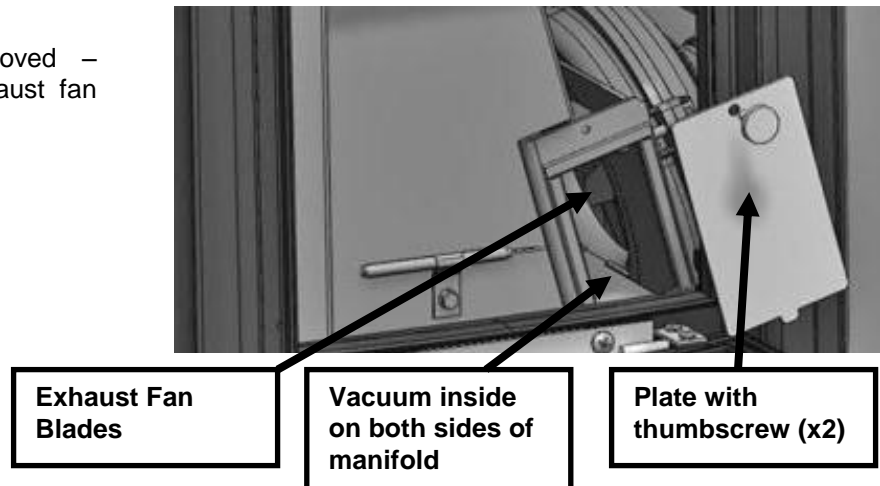


Clean Manifold

1. Remove both left and right heat exchanger access panels – vacuum inside the manifold.

Clean Exhaust Fan

2. With the access plates removed – remove any build up from exhaust fan blades with soft bristle brush.



Inspect Gaskets

1. Use the Dollar bill test and check the door and ash pan gaskets for wear, replace as necessary.
 - a. Open the door, or ash pan, place a dollar bill over the gasket at various locations, close the door and pull the bill out.
 - b. If there is little or no resistance, adjust the latch catch or replace the gasket.

Inspect Venting

Soot and Flyash: Formation and Need for Removal - The products of combustion will contain small particles of flyash. The flyash will collect in the exhaust venting system and restrict the flow of the flue gases. Incomplete combustion, such as occurs during startup, shutdown, or incorrect operation of the room heater will lead to some soot formation which will collect in the exhaust venting system. The exhaust venting system should be inspected at least once every year to determine if cleaning is necessary.

1. Disassemble venting and check for ash and soot accumulation – clean as necessary.
2. Assemble flue connections - seal all connections after cleaning. Follow vent manufacturer's guidelines.

As Needed

External Cleaning

 **WARNING: DO NOT CLEAN THE UNIT WHEN HOT OR WHEN ANY SIGN OF COMBUSTION IS PRESENT.**

External Cleaning - The unit should receive regular cleaning on, under, and around the stove to prevent the buildup of dust and lint. Clean the exterior painted or enameled surfaces of the unit using soap, water, and a soft cloth. **Do not** use abrasive or chemical cleaners. Take care not to scratch the glass or enamel finish (if so equipped) when cleaning the unit. We do not recommend the use of chemical wax based cleaners or polishes due to the potential for discoloration of the castings or enamel when the residues of the cleaners or polishes are subject to heat. Excessive buildup of dust, spider webs, or room air contamination may cause odors when the stove is hot.


Stone Cleaning

Occasional cleaning is all that is necessary to maintain the natural beauty of your stove's soapstone/sandstone. Clean the soapstone only with water or any non-abrasive cleaner and a soft cloth. To remove stains and smudges from sandstone, buff lightly with 200 or 220 grit sandpaper. Wipe dust from the stone with a clean cloth. Do not use chemical agents to wash the stone; do not use waxes or any polishing agents on the stone. Soapstone and sandstone are porous and will absorb most liquids, which can leave a stain, change the appearance, or result in odd odors when warm. If you accidentally break a stone, contact your dealer for a replacement.

Grill Height Adjustment

The convection air grill height is adjustable if necessary. The grill rests on three screws – tightening, or loosening the screws changes the grill's height and fit.

Glass Replacement Procedures

 **WARNING: DO NOT OPERATE THIS APPLIANCE WITH THE GLASS PANEL REMOVED, CRACKED, OR BROKEN. DO NOT SUBJECT THE DOOR TO ABUSE, SUCH AS STRIKING OR SLAMMING SHUT. ONLY A QUALIFIED SERVICE PERSON SHOULD REPLACE THE GLASS PANEL.**

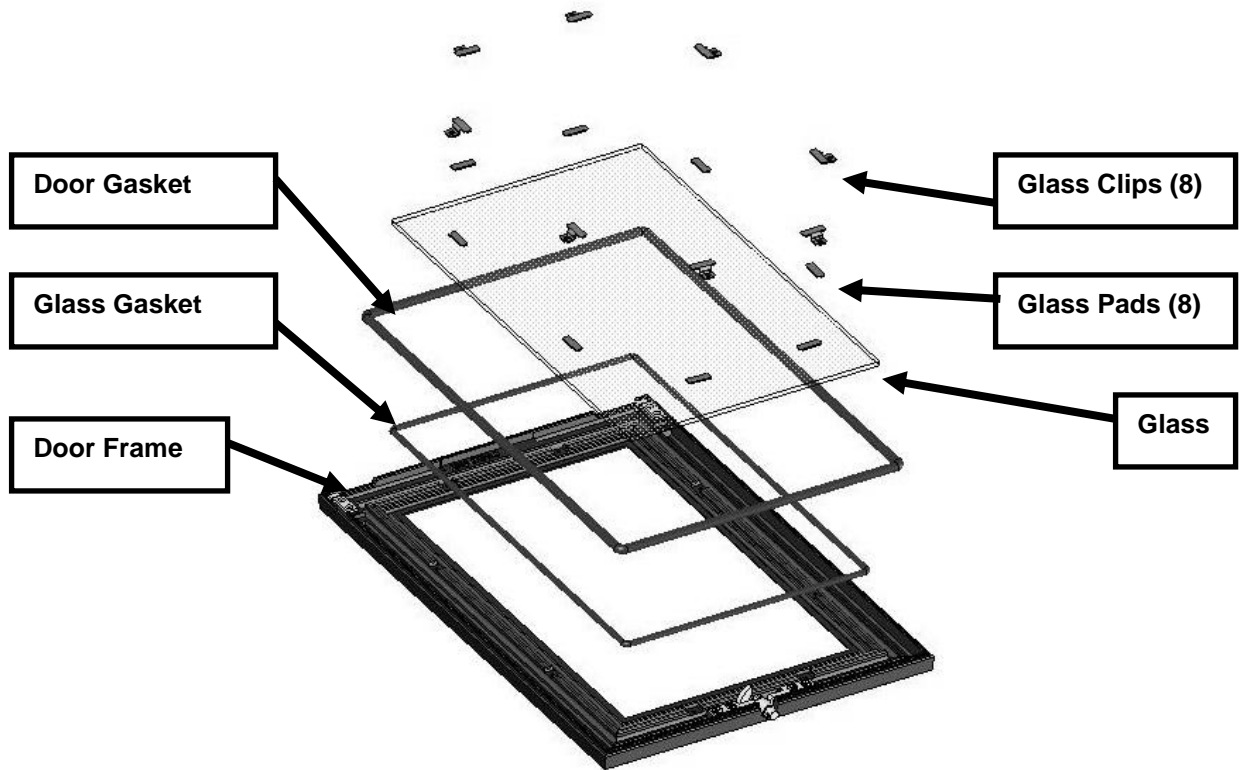


Figure 1: Front Door assembly

1. Follow the instructions included with the replacement glass kit.
2. Remove the door.
3. Remove the screws from the glass clips (use penetrating oil if necessary) – lift the clips off the glass. Set aside for reinstallation or use the new clips, and pads provided with the replacement glass kit.
4. Carefully lift the damaged glass out of the door and discard.
5. Remove any remaining glass and old gasket material.
6. Clean the screw holes and place a small amount of anti-seize compound in each one.
7. Place the gasketed new glass onto the door. **Ensure sticker is on the exterior face of the glass.**
8. **Important! Center the glass** and ensure that the edges of the glass are parallel with the edges of the opening.
9. Check glass position again (centered, and parallel), then screw the glass retainer clips on the door using a crisscross pattern. Tighten the screws no more than 1/8th of a turn after they seat. The glass will break at this point if not positioned correctly.
10. Apply a light film of anti-seize lubricant on the door's hinge pins if needed.
11. Install the door.
12. After 5 or 6 fires, check the glass clip screws, and retighten if necessary.

Required Glass Kit: Part Number: 90-58900 (Glass with gasket applied). Use only 5mm Ceramic IR, or Neoceram IR glass. Contact your Hearthstone dealer.

Troubleshooting

Most errors and issues are due to a lack of required maintenance, or cleaning. Using the instructions on the following pages should resolve most issues. If an operation error is detected, the user interface flashes, and displays a message. If the message prompts the unit to shut down, a >I/O< notice will follow the text of the message. To acknowledge a message, press and hold the power button for approximately 5 seconds, if the process associated with the message is complete, the stove will return to OFF Mode. At this point, normal operation may begin again if all conditions are satisfied.

Display Messages:

Display	Problem	Possible Causes	Solution
No Pellets - (code F04)	Temperature in firebox unexpectedly dropped, or set point never reached	Pellet fuel level too low	Refill hopper
		Inferior, or wet pellets	Clean out hopper, and auger – refill with premium, dry pellets
		Auger jammed	Clean the auger. Follow the procedure in Maintenance section of this manual.
		Hopper door open	Close hopper door
No Ignition - (code F01)	Required pellet ignition temperature not achieved during startup – firebox temperature too low	Dirty Stove	Perform a Level 4 Cleaning (see page Error! Bookmark not defined.)
		Inferior/wet pellets	Consult your Hearthstone dealer for a recommended pellet type and storage
		Auger clogged with fines	Clean auger
		Burn pot full of ash or clinkers	Clean burn pot
		Ash pan full and ashes contacting bottom of burn pot	Empty ash pan.
		Auger was completely empty and did not refill fast enough	Reset and start again. When the auger is empty, it may be necessary to add 1 cup of pellets to the burn pot prior to starting the unit.
		Front door, or ash pan open	Check both and verify they are closed completely, and sealing properly
		Hopper door is open	Close hopper door
		Blocked exhaust venting	Clean venting – also check heat exchanger for flyash, or soot buildup
		Restricted air intake, or outside air intake required.	Inspect ducting. Remove blockage. Install outside air intake
		Burn pot installed backwards	Install burn pot so ignitor hole is towards the rear of the stove
Ignitor failed	Check wiring. Replace igniter		
STb Initiated - (code F03)	Firebox/heat exchanger temperature too high	C-Fan (convection fan) setting above +5	Reset program. Do not adjust C-Fan setting.
		Convection fan not working	Service the unit.
		Convection fan clogged	Clean the convection fan. Follow the procedure in the Maintenance section of this manual.
		Top grill blocked	Remove any blockage from top of stove. Check for lint or hair on screen.

Display	Problem	Possible Causes	Solution
Flame Sensor – (code F06)	Temp sensor in firebox is malfunctioning	Flame sensor not working	Reset the unit using the power switch and contact your dealer if the problem persists.
Room Sensor – (code F07)	Communication between room sensor and stove interrupted	Room sensor unplugged	Check the rear room sensor connection at the rear of the stove or the connection on the inside of the room sensor.
		Sensor malfunction	Replace room sensor.
Too Little Air – (code F09)	Not enough air flow through firebox (monitored by sensors in inlet pipe)	The front door or ash pan open	Check both and verify that they are closed completely
		Inlet or exhaust venting blocked.	Inspect all venting. Verify there is no blockage. Clean Venting, Check stove.
		Excessive interior negative pressure	Install outside air inlet.
		Door gasket worn or missing	Check gasket using the dollar bill test outlined in this manual (see page 30). Replace gasket if necessary
		Exhaust blower clogged	Clean the blower. Follow the procedure in the Maintenance section of this manual.
		Dirty stove	Perform a Level 4 Cleaning (see page Error! Bookmark not defined.)
		Poor air flow, or exhaust fan speed too slow	Replace 3" exhaust venting with 4" If everything checks, out and problem persists – increase exhaust fan speed
Cap Open	Hopper sensor not engaged. Note: The cap open error causes the auger to stop and will starve the stove for fuel if not addressed quickly.	Hopper open	Close hopper door
		Pellets on gasket seal	Clean off seal
		Hopper overfilled	Remove some pellets
		Hopper door not sitting correctly on hinges.	Check that the slots on the hopper door are fully engaged and the set screws are tight
		Sensor magnet dislodged.	Remount magnet on bottom of hopper door.
		Sensor malfunction	Replace sensor
Flue Gas Fan Faulty – (code F05)	The signal has stopped from the exhaust blower	Exhaust blower not working	Service the unit.
		Exhaust blower sensor wire disconnected	Service the unit.
		Exhaust blower clogged	Clean the exhaust blower. Follow procedure Maintenance section of this manual. Blades must move freely.

General Issues:

Problem	Possible Causes	Solution
Burn pot is overflowing.	Burn pot needs cleaning	Remove excess ashes, clinkers, and live coals from burn pot
	Ignition did not occur	Clean burn pot
		Ensure burn pot installed with ignitor hole towards rear
	Ignitor failure. Service the unit.	
Dirty stove	Preform a Level 4 Cleaning (see page Error! Bookmark not defined.)	
Stove feeding pellets without ignition	Turn off stove. Dump pellets into ash pan. Restart stove.	
Burn pot clogs too quickly or pellets are partially burned (less than 24 hours of operation)	Poor quality or wet pellets	Consult your Hearthstone dealer for a recommended pellet type and storage
	Too much restriction in the venting	Clean intake and exhaust venting
		Increase the exhaust fan speed
		Replace 3" exhaust venting with 4"
	Excessive negative pressure in the house	Install an outside air intake.
	Burn pot is not seated correctly	Burn pot must be in direct contact with the steel surface of firebox around the perimeter of the pot. Clean floor of firebox.
	Ash pan too full and ashes contacting bottom of burn pot	Empty ash pan.
Exhaust blower clogged	Clean exhaust blower. Follow procedure in the Maintenance section of this manual.	
Fire has gone out	Room temperature satisfied (display reads STOP)	Normal operation
	Stove in a cleaning cycle (display reads CLEAN)	Normal operation
	No, or low fuel in hopper	Fill hopper with fuel
	Too much restriction in venting	Clean intake and exhaust venting
		Increase exhaust fan speed
		Replace 3" exhaust venting with 4"
	Hopper opened too long	Decrease fill time. When the hopper is open the auger does not turn, which starves the fire of fuel
Auger motor or exhaust fan failure	Service the unit.	
No power to the stove	Check circuit - supply power to the unit	
Visible, or the smell of smoke	Excessive negative pressure in the house is causing exhaust vent leak, or door gasket not sealing properly	Seal venting with 500°F RTV silicone.
		Install outside air intake
		Replace gasket
	Power outage	Normal operation. Will dissipate when remaining pellets in hopper are consumed
		Contact you Hearthstone Dealer for battery back-up options

Problem	Possible Causes	Solution
Low heat output	Excessive soot on heat exchanger	Follow procedure in the Maintenance section of this manual.
	Poor quality, or wet pellets	Consult your Hearthstone dealer for a recommended pellet type and storage
	Dirty stove	Perform a Level 4 Cleaning (see page Error! Bookmark not defined.)
Display not working	Stove unplugged, or electrical circuit is off	Ensure stove is plugged in to an active circuit
	Power outage	Contact your Hearthstone Dealer for battery back-up options
	Connection between mother board and display not working	Check fuse on back of stove
		Check wire connections between mother board and display
Display malfunction	Replace display	

Replacement Parts & Optional Accessories List

PART NUMBER:	DESCRIPTION:	PART NUMBER:	DESCRIPTION:
STONE: 1941-210 1941-215 1941-220 1941-225	HOPPER DOOR SOAPSTONE FRONT VERTICAL SOAPSTONE FRONT HORIZONTAL SOAPSTONE SIDE POLISHED SOAPSTONE	GASKETS: 3110-056 3110-057 3120-021 3160-070 3160-080 3160-390 3160-391 3160-392 3160-396 3160-397	GASKET: ROPE, 1/4", BLK, AD GASKET: ROPE, 3/8", AD, NON-CORE GASKET: GLASS CLIP GASKET: TAPE 5/8" X 1/4" GASKET: TAPE, 3/4"x1/16", AD GASKET: FEEDER TUBE GASKET: CONTROL BOARD GASKET: 3/8" X 1/8" FLAT KNIT BLK 1/4" AD SP GASKET: MTR HOUSING KNOCKOUT GASKET: INLET TUBE
CASTINGS:* 2010-910 2010-915 2010-925 2010-930 2010-955 2010-997 2310-990 2010-995 2010-970 2310-655 2910-000 2910-005 2910-010	FOOT ASH DOOR BOTTOM CORNER SIDE LEG FRONT DOOR HANDLE HOPPER DOOR HANDLE TOP TOP GRILL FRONT DOOR ASH PAN DOOR HANDLE BURN POT BAFFLE: UPPER BAFFLE: LOWER	MISC: 3120-220 3120-221 3200-101 3900-184 4700-0795 5090-080 5210-3080 5240-145 5240-146 5532-012 5909-050 6400-40465 7000-037 7211-951 7211-967 7211-970 7300-000 7300-005 7300-010 7300-015 7300-020 7300-025 7300-030	UPPER BAFFLE CERAMIC HEATSHIELD LOWER BAFFLE CERAMIC HEATSHIELD SATIN BLACK HIGH TEMP PAINT WOODEN KNOB MAGNET SERVICE TOOL ROD: HEAT EXCHANGER CLEANING ASH PAN CATCH SPRING ASH PAN CATCH KNOB PALLET MOUNTING CLIP FLAME SENSOR OWNER'S MANUAL WIRE HARNESS CONVECTION FAN ASSY EXHAUST FAN MOTOR AUGER MOTOR MOTHER BOARD AIR FLOW SENSOR CONTROL BOARD IGNITER ELEMENT HOPPER SAFETY SENSOR TEMP SAFETY LIMIT SWITCH FLAME SENSOR THERMOCOUPLE
STEEL: 5000-095 5000-096 5090-011 5090-016 5090-069 5090-070 5090-071 5090-072 5090-073 5090-074 5090-075 5090-060 5090-078 5090-076 5090-077 5090-017 5090-018 5090-019 5090-021 5090-022 5090-060 5090-061 5090-063 5090-064 5909-020 5909-061 5909-070 5909-080 5909-095 5909-220	BEARING: SINTERED, 16MM ID BEARING: SINTERED, 10MM ID PAN: ASH FRAME: OUTER ASH BOX SCREEN: OUTLET GRILL LOUVER: CIRCULATION AIR SECONDARY HOPPER HINGE PIN LEFT HOPPER DOOR HINGE RIGHT HOPPER DOOR HINGE HOPPER EXTENSION HOPPER DOOR FRONT DOOR FRAME DOOR: SECONDARY HOPPER FRONT TOP SUPPORT REAR TOP SUPPORT RETAINER: FRONT OUTER STONE RETAINER: FRONT INNER STONE FRAME: FRONT STONE FRAME: INNER SIDE STONE FRAME: OUTER SIDE STONE FRAME: DOOR, FRONT HOLDER:LATCH: FRONT DOOR LATCH: FRONT DOOR HINGE: FRONT DOOR SIDE COVER AIR INLET PIPE EXHAUST FAN HOUSING AIR WASH IGNITER FERRULE HOPPER: CABLE CHANNEL	KITS: 90-56925 90-58900 90-70900 90-73900 90-76900 90-76901	WIRED ROOM SENSOR GLASS KIT HOPPER DOOR SUPPORT KIT FRONT DOOR HANDLE KIT LOWER BAFFLE KIT UPPER BAFFLE KIT

* Part numbers: use 2010 for Matte, 2020 for Brown Majolica.

Heritage Pellet Stove Model 8091.

Manufactured and Warranted by:

Hearthstone Quality Home Heating Products, Inc.
317 Stafford Ave,
Morrisville, VT 05661
www.hearthstonestoves.com

Limited Warranty

These warranties give you specific legal rights. You may also have other rights which vary from State to State.

Hearthstone Quality Home Heating Products, Inc. (Hearthstone) warrants to the original retail purchaser only (the "Original Purchaser") the new appliance manufactured by Hearthstone, purchased by the Original Purchaser and installed by an authorized Hearthstone dealer or their designated representative against any of the occurrences listed in this document that result from defects in material or workmanship. This warranty is not transferrable. All obligations of Hearthstone under this document commence on the date of the Original Invoice (the "Purchase Date"). The term "Limited Lifetime" is defined as 10 years from the beginning of warranty coverage.

Hearthstone appliances are designed to be operated only with the fuels listed in your owner's manual.

Warranty Period	Wood	Gas	Pellet	Covered Components
Limited Lifetime	X	X	X	Stone
	X	X	X	Cast iron not listed elsewhere
	X			Clean burning air supply system*
5 Year	X	X	X	Door handles and latches
	X	X	X	Steel Components and Firebox
		X		Burner and logs
3 Year			X	Burn Pot and Baffles
2 Year	X	X	X	Appliance Electrical and Gas Components
	X	X		Refractory, Vermiculite Panels, Baffles
1 Year	X	X	X	Enamel finish against peeling or fading
	X	X	X	Accessories
	X	X	X	Glass
	X			Ash Grate
	X	X	X	All components not listed elsewhere

Any parts repaired or replaced during the limited warranty period will be warranted under the terms of the limited warranty for a period not to exceed the remaining term of the original limited warranty or one year, whichever is longer.

Parts: Hearthstone will replace through an authorized dealer, defective parts covered by the foregoing warranty at no charge.

Labor: Within the first (1st) year after the Purchase Date, Hearthstone will pay for warranty labor performed by an authorized Dealer at Hearthstone's published labor rates in effect at the time the labor is performed only if the appliance is installed by an authorized dealer or their designated representative. Otherwise or thereafter, the Original Purchaser is responsible for the cost of labor.

Shipping cost for parts: Within the first ninety (90) days after the Purchase Date, Hearthstone will pay for the shipping of appliance parts covered by any of the foregoing warranties to and from Hearthstone or an authorized Dealer, as the case may be. Thereafter, the Original Purchaser is responsible for all shipping costs related to shipping appliance parts to and from Hearthstone or an authorized Dealer, as the case may be.

Shipping cost for the appliance: Within the first (1st) year after the Purchase Date, if the Original Purchaser is instructed to return the appliance to Hearthstone or an authorized Dealer for repair, Hearthstone will pay fifty percent (50%) and the Original Purchaser will pay fifty percent (50%) of the shipping costs related to shipping the appliance to and from Hearthstone or an authorized Dealer, as the case may be. Thereafter, the Original Purchaser is responsible for one hundred percent (100%) of all of the shipping costs related to shipping the

appliance to and from Hearthstone or an authorized Dealer, as the case may be. Notwithstanding any other provision of this document, in no event will Hearthstone pay for any Dealer fees or other fees for pick up or delivery of the appliance returned for repair; the Original Purchaser shall be responsible for any such fees.

EXCLUSIONS & CONDITIONS

The warranties contained in this document do not cover, nor is Hearthstone responsible for:

1. Damages resulting from:
 - a. Failure to install, operate, or maintain the appliance in accordance with the owner's manual, operating instructions, installation instructions, or safety rating label provided with the appliance.
 - b. Over-firing the appliance. Over-firing can be identified by, but not limited to, warped cast iron or steel, rust colored cast iron, bubbling, cracking and discoloration of steel or enamel finishes.
 - c. Failure to install the appliance in accordance with all national or local building codes.
 - d. Shipping or improper handling.
 - e. Improper operation, abuse, misuse, continued operation with damaged, corroded, or failed components, accident, or improper/incorrect service or repairs.
 - f. Environmental conditions, inadequate ventilation, negative pressure, or improper drafting caused by tightly sealed constructions, insufficient make-up air supply, or air handling devices such as exhaust fans, forced air furnaces, or other such causes.
 - g. Damage caused by direct exposure to water.
 - h. Use of fuels other than those specified in the owner's manual.
 - i. Installation or use of components not supplied with the appliance, or any other components not expressly authorized and approved by Hearthstone.
 - J. Modifications of the appliance not expressly authorized and approved by Hearthstone in writing
 - K. Interruptions or fluctuations of electrical power supplied to the appliance.
2. All stones are warranted against cracking or breakage due to thermal stress, excluding surface and hairline cracks and scratches that do not affect the operation, or safety of the appliance.
3. Repair or replacement of wear parts. Such parts that are subject to normal wear and tear during the warranty period such as paint, gaskets, baffles, refractory materials, ash grates, and glass.
4. Damage resulting from installation, modification, alteration, repair or service of the appliance by any party other than an authorized Hearthstone dealer (a "Dealer") or their designated representative, or Hearthstone.
5. Damage due to water or condensation due to installation of the appliance in a high moisture area.
6. Damage due to installation of the appliance in an atmosphere contaminated by damaging chemicals, including but not limited to chlorine, fluorine or salts.
7. Scratches on glass, enameled surfaces or stones due to mechanical abrasion.
8. Noise caused by expansion or contraction caused by the heating and cooling of the appliance.
9. Odors caused by the heating of the appliance, or surrounding materials
10. Consequential damage caused by leaking of condensate during startup
11. A defect in any part of the appliance if the Original Purchaser fails to comply with Hearthstone's or a Dealer's request to ship the part or the appliance to Hearthstone or a Dealer, as the case may be.
12. Replacement stones and enameled parts are taken from current stock, and may not match originals in color, grain, or pattern. Hearthstone will supply replacement parts for discontinued parts in finishes or colors as available, or at their discretion.
13. Hearthstone's obligation under this warranty does not extend to the appliance's ability to heat the desired space. Information is provided to assist the customer and the dealer in selecting the appropriate appliance for the application. Consideration must be given to appliance location and configuration, environmental conditions, insulation and air tightness of the structure.

THE WARRANTIES CONTAINED IN THIS DOCUMENT ARE EXCLUSIVE AND ARE GIVEN BY HEARTHSTONE AND ACCEPTED BY THE ORIGINAL PURCHASER IN LIEU OF ALL OTHER EXPRESS WARRANTIES AND ANY OBLIGATIONS, LIABILITIES, RIGHTS, CLAIMS, OR REMEDIES IN CONTRACT OR TORT, WHETHER OR NOT ARISING FROM HEARTHSTONE'S NEGLIGENCE, ACTUAL OR IMPUTED. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE GIVEN ONLY TO THE EXTENT REQUIRED BY FEDERAL OR STATE LAW. EXCEPT AS OTHERWISE REQUIRED BY STATE LAW, UPON THE EXPIRATION OF THE EXPRESS LIMITED WARRANTIES CONTAINED HEREIN, NO IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO

THE SUBJECT APPLIANCE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

THE WARRANTIES CONTAINED IN THIS DOCUMENT EXTEND ONLY TO THE ORIGINAL PURCHASER OF THE APPLIANCE WARRANTED HEREUNDER. THEY ARE NOT TRANSFERRABLE AND DO NOT EXTEND TO ANY SUBSEQUENT OWNERS.

UNDER NO CIRCUMSTANCES SHALL HEARTHSTONE BE LIABLE TO THE ORIGINAL PURCHASER OR ANY OTHER PERSON FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO DAMAGE TO PROPERTY OR PERSONAL INJURIES, WHETHER ARISING OUT OF LOSS OF USE, BREACH OF WARRANTY, TORT, OR OTHERWISE, EVEN IF HEARTHSTONE HAS BEEN APPRAISED OF THE POSSIBILITY OF SUCH DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

QUALIFYING FOR WARRANTY COVERAGE

To obtain performance of any obligation under this document, the Original Purchaser must, within the applicable warranty time period, contact their original Hearthstone dealer, or the current responsible local Hearthstone dealer, for instructions regarding the return of defective parts for repair, the return of the appliance for repair, or to schedule a Dealer service call. The Original Purchaser should refer to the Dealer Network search engine contained on Hearthstone's Web site (www.hearthstonestoves.com) if the original dealer is not available, to find a Hearthstone dealer nearest to the Original Purchaser's location.

REMEDY

The remedy for any breach of the foregoing warranties will consist of repair or replacement, at Hearthstone's option, of any covered defect in the appliance. When the Original Purchaser contacts a Hearthstone Dealer, the Dealer on behalf of Hearthstone, as the case may be, will instruct the Original Purchaser to either return the defective part, or the entire appliance (if requested), to the Dealer or Hearthstone or allow a Dealer to make a service call at the place where the appliance is located. Hearthstone may require that a digital picture be provided to support the claim. Notwithstanding any other provision of this document, the Original Purchaser shall pay for any fees and service charges related to a Dealer's service call or the shipping charges associated with the return.

WARRANTY REGISTRATION

The Original Purchaser can complete their warranty registration on our website at www.hearthstonestoves.com.
Hearthstone's physical address is:

Hearthstone Quality Home Heating Products, Inc.
Warranty Department
317 Stafford Avenue
Morrisville, VT 05661

NOTE: ON-LINE REGISTRATION IS *NOT REQUIRED* AS A CONDITION OF WARRANTY COVERAGE OR HEARTHSTONE'S PERFORMANCE.

Customized Set Up Data: