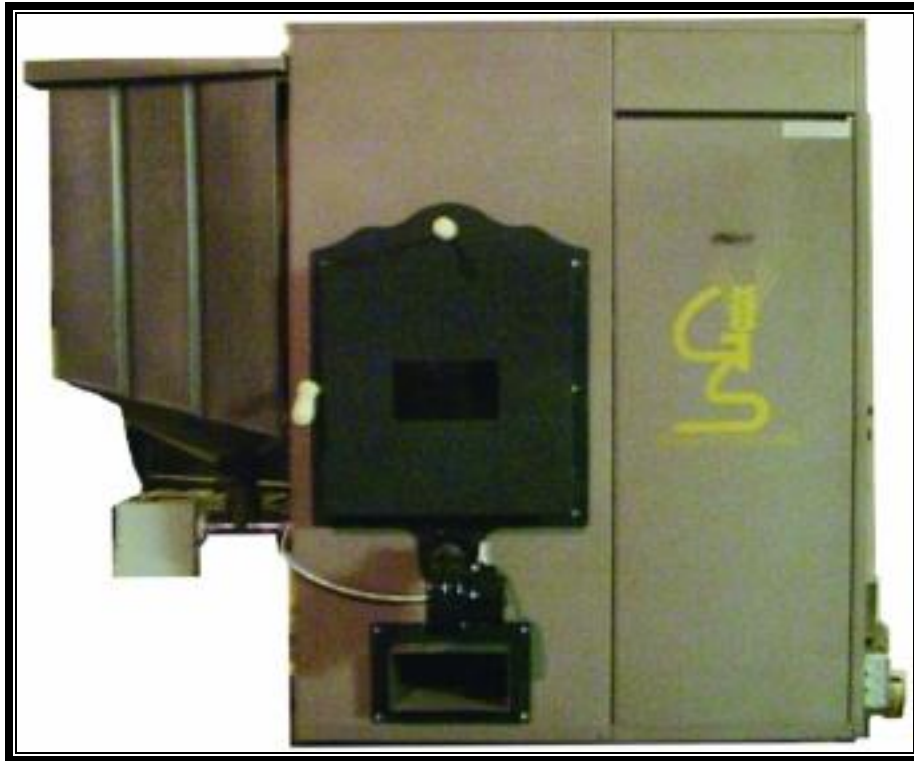


MAXI /COMFORT OWNERS MANUAL

Version 2011

GRAIN MODEL -Certified To Burn – Corn, Wheat, Rye.

**BIOMASS MODEL - Certified To Burn - Corn, Wheat,
Rye and Hardwood Pellets**



GRAIN STOVES INC.

R.R. #3 BLYTH, ONTARIO, CANADA

Phone: (519) 523-9897 Fax: (519) 532-9222

www.grainstovesinc.com

Dear Customer:

Congratulations!

You have just purchased the Maxi Comfort furnace. Each part of your unit is the highest quality of material and workmanship. We believe that once you begin using your heating unit, you will know that you have made a very wise decision in choosing the Maxi Comfort furnace.

The purpose of this manual is to help you get the maximum enjoyment and the most heating efficiency from your unit. By following these instructions and suggestions, you can be assured years of safe and economical heating for yourself and your family.

Thank you for buying a **Maxi Comfort Furnace**.

Grain Stoves Inc.

*****SAFETY NOTICE*****

If this furnace is not properly installed, there is a risk of fire. For your safety, follow the directions given in this manual. Please contact your local building or fire officials about restrictions or installation requirements specific to your area. The manufacturer assumes no responsibility for equipment installed in violation of either this manual, local codes or ordinances.

This furnace is approved only for the fuels as check marked in the insert provided with the manual.



Throughout this handbook, you will see international caution sign beside a number of areas. They relate to safety, or some other important aspect you need to know.

Please make special note of these areas. Read these instructions completely and carefully before installing your Grain Comfort unit and keep them for future reference.

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**PLEASE READ ALL INFORMATION ON THIS PAGE
BEFORE INSTALLATION**

1. This furnace is capable of safely burning those fuels identified in the insert provided with the manual. Use of any other fuel will void the warranty, and may result in an unsafe condition.
2. Installation is to be performed by a qualified installer, as required by Federal, State, Provincial Codes and in accordance with all applicable codes.
3. Maintain adequate minimum clearances from combustible materials (See Page 5)
4. Install in an area with adequate air for combustion and ventilation – (An area that will allow a minimum air flow of 60 cubic feet per minute).
5. Check local fire codes before connecting this unit to a chimney flue.
6. Disconnect all power to the unit before performing routine Maintenance or Service. Allow the furnace to cool before servicing.
7. Establish a regular service and maintenance schedule for optimum efficiency and safe operation. Have a qualified service person perform tasks that are not familiar to you.
8. Caution: Children and adults should be aware of the potentially HOT surfaces. Keep children away!!
9. Do not place clothing or other flammable material on or near this unit.
10. Ashes are to be placed in a metal container with a tight fitting lid until cool. This closed container of ashes must only be placed on a non-combustible surface, well away from all materials that may pose a fire risk. Dispose of ashes only after they have thoroughly cooled.
11. Use only 20" X 20" X 1", U.L. / ULC approved furnace filter.
12. Please send in Customer Registration to validate your Warranty. This is located on the page 16.



DANGER!!!: To prevent the risk of fire or explosion: DO NOT BURN Gasoline, Oil, Garbage or any other Flammable Material.

INSTALLATION

UNPACKING AND SET UP: Remove and discard properly all wrapping material. Remove hold down screws from pallet. Care should be taken in moving the Maxi Furnace as the total weight is 450 lbs. Before moving, check door openings.

Dimensions of the unit are as follows:	Height	52 in.
	Weight	56 in.
	Depth	36 in.

UNIT LOCATION:

WARNING! – Failure to install the Maxi Comfort Furnace according to these instructions may void the warranty. *This unit is not designed to be installed as an add-on furnace. If you plan to employ the Maxi Comfort Furnace in conjunction with another furnace and use common ducting, install the necessary safety measures to prevent air back feed from one furnace to the other. Failure to take this precaution could cause either furnace to overheat.*

Furnace Clearances: - Minimum clearances for the furnace are 32” from the front of the unit to the wall, 8” on either side and 18” from the back of the unit to the wall. Leave sufficient space above the furnace to install a 20” x 20” connection to the hot air duct.

Floor Protection: - The Maxi Comfort Furnace can be installed on a combustible floor if a non-Combustible material is placed directly under the ash removal door and chimney connector. The mat is to extend at least 16” in front of and 8” to each side of the ash removal drawer and 2” either side of the chimney connector. Install the Maxi Comfort Furnace in a room with adequate air for combustion and ventilation. (The area should provide a minimum air flow of 60 cubic feet per minute).

Ductwork: - Maintain the hot air outlet dimensions and return air connections to your existing duct work. Reduction in size of these connections can restrict air movement over and through the heat exchanger, resulting in overheating and operational problems with the furnace.

NOTE: It is suggested that an access hatch be incorporated into the right hand side of the Hot Air Plenum to provide access to the 120 degree thermo switch should replacement be required.

Plenum Dimensions:	Hot Air – 19.75”x19.75”
	Cold Air Return – 16.75”x19.75”

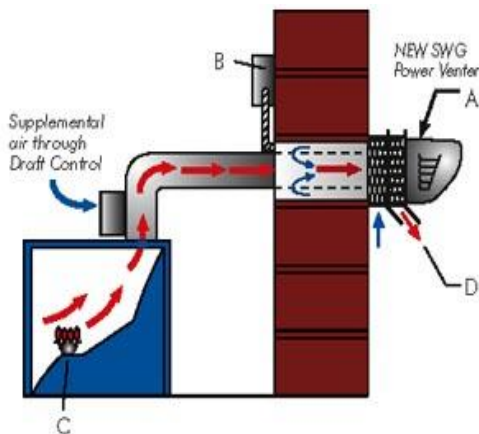
EXHAUST CONNECTIONS: The Maxi Comfort furnace is equipped with an exhaust collar that fits standard 6 inch stove pipe. It can be exhausted using a lined masonry chimney or with a power venter as follows:

Chimney Connection: A lined masonry chimney must be used. Connect furnace to the chimney with a 6" (minimum) metal flue pipe using sheet metal screws. Non-masonry chimney installations should be made with double walled insulated piping to avoid condensation problems. In both installation, a draft control (barometric damper) is required – see below.

All chimney exhaust systems must meet the approval of the local building inspector and Fire Marshal and conform to all Local, State, Provincial and National Codes, as recommend by the National Fire Prevention Association.

DO NOT connect the furnace directly to any chimney flue servicing another heating appliance.

Power Venter:



In cases where a masonry chimney is not available, or a double-wall steel chimney is not practical, a power vent kit is an option. This is a stand-alone unit and requires a separate 120 V power supply. **DO NOT** connect the power venter to the same circuit as the Maxi Comfort furnace. Full installation and maintenance instructions on the Field Controls SWG-4AF power venter are given in Appendix A

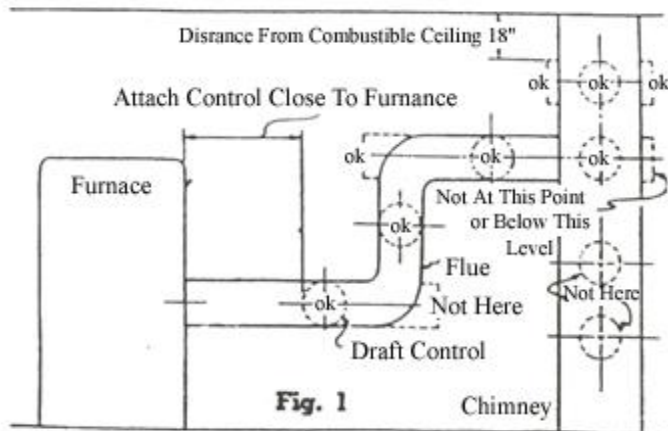
The SWG pulls combustion gases to the outside, creating 100% negative pressure in the vent pipe.

Barometric Draft Damper:

IMPORTANT! The proper draft is probably the most important installation procedure to follow for the safe operation of the Maxi Comfort Furnace.

The Maxi Comfort Furnace requires .04 -.08 in. water column draft on low fire, to assure proper operation. Low fire mode is when the thermostat is satisfied and the combustion fan has stopped running for a few seconds.

When the draft is too high, the excess air will cool down the combustion process (black popcorn ashes), and may eventually put the fire out.



If the draft is too low; smoke may back up in the furnace and storage bin, causing a possible hazard. Full installation and maintenance instructions on the Field Controls Type RC Barometric Damper are given in Appendix B

WIRING:

Power: - Connect wiring in the supplied 4” utility box to a 120 volt 15 amp separate circuit from electrical panel which meets local electrical standards.

Note – This should be done by a licensed electrician.

Thermostat: To use the thermostat feature, remove the jumper wire on the back of the controller and attach the thermostat wires to these points. Only use a thermostat with a ‘dry contact’ for this purpose. An entry point for the thermostat wire is provided below the controller.

Power Vent Interlocks: -

Note - The power venter **MUST** be connected to a separate electrical circuit.

There are two devices supplied with the power venter which are used to interlock the unit with the Maxi Comfort furnace – the WMO and the DIP (see Appendix A). Use **ONLY** an armoured cable (eg 2C#14 BX) for wiring these devices. Mount the devices as per instructions in Appendix A. Measure the distance between each device and the cable entry point at the back of the furnace, allowing for supporting the cable along its route. Add 30 inches. Remove 6 inches of armour at the device end, and 24 inches of armour at the furnace end for both cables. Remove the top two knock-out covers at the cable entry point at the back of the furnace, and a knock-out in each device. Mount appropriate cable connectors at these entry points, insert the armoured cable, and secure tightly. Connect at each device. At the terminal blocks in the furnace filter section, remove the ‘blue’ jumper between 8 and 8A. Connect the wires for the WMO there. Remove the ‘yellow’ jumper between 8A and 8B. Connect the wires for the DIP there. It is recommended to use these terminal block numbers to label the wires at both ends.

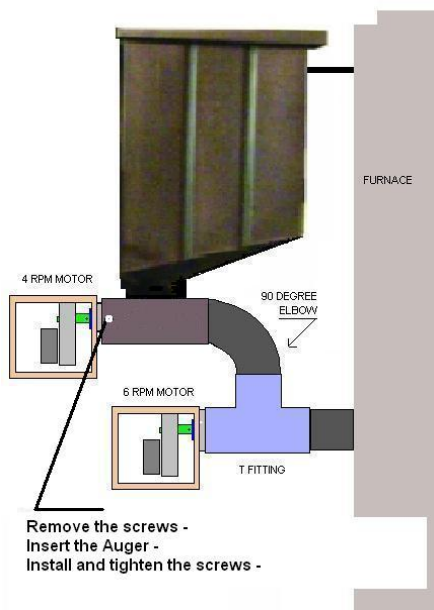
Power Vent/Battery Backup: - The power vent/battery backup **MUST** be supplied by a different electrical circuit. Mount an electrical connection box near where the power venter enters the house to terminate the BX cable supplied with the unit. Locate the

battery backup nearby. Run a 2 conductor #14 cabtire cable between the battery backup and the electrical box at the power venter. Terminate one end of the cabtire cable with a 15A 120V electrical plug, and plug into one of the 120V outputs of the battery backup. Terminate the other end of the cabtire cable at the connection box. Use the appropriate connectors. Plug the battery backup into a 120V receptacle.

FUEL SYSTEM: This appliance is approved for using only those fuels as indicated in the insert provided with the manual. For the “grains only” model, the fuel system is supplied fully installed.

For the “biomass (grains plus hardwood pellets)” model, the following needs to be completed:

INSTALLING the 4 RPM HOPPER AUGER



Hopper Auger: - the hopper auger assembly is shipped attached to the skid. Remove the lag down screw. Remove the two screws in the “Tee” directly below the hopper, and insert the auger assembly into the tube ~1 ½ inches to seat the white plastic hub. Reinstall the two screws tightly.



Fire Pot Insert: - the Maxi Comfort biomass furnace is supplied with a cast iron fire pot and a steel insert. The steel insert is ONLY needed when burning wood pellets. The insert is sealed to the fire pot with a rope gasket along the bottom edge and around the lip under the flange at the top. This seal should be inspected to ensure proper combustion air flows. The insert is held in place with 3 hold down clamps.

CIRCULATION FAN: – The standard circulation fan is sized for ducting systems with a main duct with about 400 square inches of area. If the ductwork is smaller or has many offsets and elbows, a larger fan may be necessary. Grain Stoves Inc can assist in selecting the correct fan. The circulation fan has three (3) speeds. Factory setting is HIGH. To change the fan speed, switch the fan line feed wire (#10) to any of the wire terminals marked 10 hi-med- low. See Terminal Block Layout diagram.

LOADING THE FUEL HOPPER

FUEL TYPE: - ONLY use those fuels intended for the Model of Furnace you are using. Corn, Wheat, or Rye should have a moisture content of 14 – 18%, USDA #3 or better. Wood pellets should be hardwood and <10% moisture with a density > 38 lb/cf. The bin will hold approximately 4 Bushels of Corn

CAUTION: Corn, Wheat and Rye, **with stalks, excess cob, fines, dirt, etc.** may cause the auger to plug, resulting in excessive wear and possible auger motor failure. Burning treated seed corn is not suggested because of excessive clinker build up and problems with fire extinguishing.

CAUTION: Bridging may occur in the hopper if your wood pellets are too long. This can cause the auger to empty and the unit will shut down due to lack of fuel.

BURNER / FIRE POT LIGHTING

NOTE: If the burner has been used, all leftover ash and clinkers must be thoroughly removed from the burner before proceeding with the lighting instructions.

FILLING THE FIRE POT: - For ‘grain’ fuels, manually fill the fire pot with fuel to the lower set of air holes located on the inside of the fire pot. Add wood pellets until there is a slight dome even with the top. The top row of holes should still be visible.

For wood pellets, fill the insert until there is a dome approximately 1 inch above the top of the insert.

IGNITION: - Squeeze an approved gelled fire starter (approx 2 oz) over wood pellets. Using a long shaft match, light the fire starter and close door. Turn the furnace controller “heat selector” to position 3 until there is a good bed of coals/embers in the fire pot.



DANGER!!: BE CAREFUL!!!! DO NOT WEAR ANY FLAMMABLE CLOTHING OR ACCESSORIES WHEN LIGHTING THE FUEL!!!!!!

NOTE: It may be necessary to add additional wood pellets if the fuel has not ignited sufficiently.

COMBUSTION FAN ADJUSTMENT: - The unit is supplied with the combustion fan to run ~2x the fuel auger run time at the highest ‘heat selector’ position (see Table 2). This multiplying factor is specific to each installation and is determined by observation as follows:

- if, after approximately one (1) hour of operation, the burning fuel level in the fire pot is down 3 inches or more below the top flange, there is excess combustion air. Adjust the combustion fan run time by turning switch 3 to a lower position (CCW) and observe. Repeat if necessary.
- if, after approximately one (1) hour of operation, there is unburnt fuel spilling over the top of the fire pot, there is insufficient combustion air. Adjust the combustion fan run time by turning switch 3 to a higher number (CW) and observe. Repeat if necessary.
- if, after a few hours of operation, there is black popcorn spilling over the top of the fire pot, there is too much combustion air which is cooling the combustion process. Adjust the fan inlet flapper closed by half. Repeat if necessary. Adjustment of the fan inlet flapper may require the position of switch 3 to be changed as noted above.

Switch 3 should only be adjusted for house draft differences. (see Troubleshooting Aids section to determine position of switch 3).

With variation in fuel quality and moisture, it may be necessary to adjust the fan inlet flapper for a specific load of fuel or for different positions of the “heat selector”. These adjustments should be made in small increments, opening for more combustion air or closing for less combustion air.



DANGER!!: Do not open combustion door while auger and combustion fan are running as smoke will be released.

NOTE: An odor may be present on initial startup.

SEQUENCE OF OPERATION

PRE-AUTOMATIC MODE (STARTUP) - On initial startup (cold start), the combustion fan will run continuously AND the hopper auger will be disabled until the “low limit” (120 F thermdisc) sensor closes. This is a “PROOF of IGNITION” check. When the “low limit” closes, the unit will go to the auto/normal mode. If the “low limit” does not close within 15 minutes, the startup sequence is stopped, and the controller will go into an ALARM condition as indicated by a flashing LED. To reset, turn the controller OFF for 3 – 5 seconds, then back ON.

AUOTMATIC MODE (CONTINUOUS RUN) - Once a good level of combustion has been detected by the “low limit”, the program switches to the auto/normal mode. Initially, the unit will operate at the “heat selector” level (see Table 1). After a couple of cycles, the controller will start to adjust the level to suit the heat load in your house. The

adjustment is based on the frequency and duration of the “call for heat” signal from the thermostat. If the “call for heat” signal is frequent and/or lasts longer than a predetermined time, the power level is adjusted to a higher value. If the “call for heat” signal has a short duration, the power level is adjusted to a lower value. The power level will adjust only +/- one level for any one “call for heat “ signal. To reset the heating level, turn the controller OFF for 3 – 5 seconds, and then turn to the desired “heat selector” level.

The fuel is added in 10 second increments . The combustion fan will run for a time that is a multiple of the fuel auger run time (see Table 2). The total cycle time is set by the “heat selector” level (see Table 1). As heat builds up in the furnace, the fan switch closes which will start the circulation fan. When the “call for heat” is satisfied, the controller will complete the current cycle and then go to standby. The circulation fan will continue to run until all useful heat is removed from the furnace, then turn off.

STANDBY MODE: - The standby setting on the unit is “heat selector” position # 1. If there isn't a “call for heat” signal for 2 ½ min, the furnace will run as though the heat selector is in position #1 and the thermostat contact is closed. This level of heat may be more than is needed for days that may be cool enough to require turning on the furnace. Operation during the Spring and Fall may require starting of the furnace for a few hours a day.

CLINKER BUILDUP : -The Maxi-Comfort furnace feeds fuel into the bottom of the burner, creating the most efficient fuel consumption. The residual ash and small clinkers then spill over the top of the burner ring, falling into the ash pan below. This process essentially cleans the burner chamber.

As part of the combustion of grains, an amount of small clinkers will be formed. Large clinkers usually indicate incorrect setup of the furnace or improper fuel (too wet or dirty, or too much non-fuel content, or a run out of the fuel supply). The incidence of larger clinkers will increase at low heating levels. Once the furnace has been setup to suit your house, the most common reason for large clinkers or clinker buildup is the fuel.

MAINTENANCE

DAILY: Inspect burner. Clinkers will be pushed out of the top of the burner as fuel is augured into the burner. Clinkers that appear to be stuck to the side of the burner should be loosened. Large clinkers must be manually pushed over the top of the burner with a furnace poker or equivalent tool. Note – a hard whitish ash is ideal. Adjust the combustion air inlet flapper if necessary. Check fuel level in holding bin for adequate supply.

WEEKLY: - Ashes should be placed in a metal container with a tight fitting lid. The closed container of ashes should be placed on a non-combustible floor or on the ground, well away from combustible materials, pending final disposal. If the ashes are disposed of by burial in soil or otherwise locally disbursed, they should be retained in the closed

container until thoroughly cooled. Pull flue scraper all the way out and push back in, this maintains the efficiency by removing ash from heat exchanger tubes. Check air filter.

MONTHLY: Replace air filter.

ANNUALLY: Remove and inspect all chimney pipe connections: clean out ash build up. Clean, oil, and inspect all blower and auger motors.

END OF SEASON/STARTUP: At the end of the heating season, uncouple exhaust pipe from rear of the Furnace and cap (bag it). Empty fuel bin completely and run auger dry. Turn the controller OFF.

When restarting the unit in the fall, replace the air filter and follow the start up procedure.

TABLE 1 CONTROLLER SETTING / BTU VALUE

Controller “Heat Selector” Setting	Duty Cycle	Cycle Time (sec)	Heating Level* (Btu./hr)
# 1	0.066	150	18,100-19,350
# 2	0.132	75	36,200-38,680
# 3	0.202	50	55,400-59,200
# 4	0.264	37.5	72,400-77,370
# 5 (High)	0.333	30	90,500-96,700

* dependent on fuel type and fuel moisture

When choosing your “heat selector” (Sw1) position, it is best to estimate on the low side to prevent overheating of your living space and wasting of fuel. Cycle time is the time from start to start of the fuel auger.



DANGER: Do not operate the unit with switch 2 at any other position. This may cause the unit to malfunction and/or the safety limits to cause the unit to shutdown.

TABLE 2 COMBUSTION FAN RUN TIME (secs)

Sw3 Pos	1	2	3	4	5	6	7	8	9	10	
Multiplier	1.2	1.4	1.6	1.8	2.0	2.2	2.4	2.6	2.8	c	
Sw1 Pos	1	32	34	36	38	40	42	44	46	48	c
	2	22	24	26	28	30	32	34	36	38	c
	3	19	21	23	25	27	29	31	33	35	c
	4	17	19	21	23	25	27	29	31	33	c
	5	16	18	20	22	24	26	28	c	c	c

With Sw3 in position 10, the combustion fan will run continuously as denoted by the 'c'. The fan inlet flapper may need to be closed slightly to prevent burn down in the fire pot. See Combustion Fan Adjustment above. Sw1 is the "heat selector" knob.

TROUBLESHOOTING AIDS

EQUIPMENT OPERATION: There are four (4) operating devices on the Maxi Comfort furnace. The power vent and battery backup are stand alone units. See Appendix A.

1. Fuel augers – convey fuel from the hopper to the firepot. Its ON time is determined by the 'duty cycle' x the 'cycle time', and only runs when the thermostat contact is closed, or in standby mode.
2. Combustion air fan – supplies air to the fire pot. Its ON time is determined by the hopper auger ON time x the 'multiplier' (see Table 3). The volume of air is controlled by the flapper on the inlet to the fan.
3. Circulation blower – distributes warm air through the ductwork. It is controlled by the fan/hi limit device, and starts at a temperature of 140F and shuts off at 120F. A manual over-ride push/pull allows for continuous operation.
4. Control board – is the 'brains' of the furnace. It allows the owner to customize the furnace setup for maximum comfort and fuel efficiency

The hopper auger and the combustion fan start together at the beginning of each cycle, and run for times determined by the control board setup. The circulation blower is independent of the control board.

The controller provides the troubleshooter/owner with diagnostic tools via the LED as follows:

If the LED is flashing, the controller is in "**alarm**" mode. The LED will help to identify the cause of the alarm.

1. If the LED flashes once, the cause of the alarm is the "low limit" sensor.
2. If the LED flashes twice, the cause of the alarm is the "high limit" sensor
3. If the LED flashes three times, the cause of the alarm is the thermostat

For a "low limit" or "high limit" fault, the controller is disabled, and both the fuel auger and combustion fan are stopped. The controller must be reset. Turn the controller OFF, wait 3-5 seconds, then turn it back ON.

With the unit in auto/normal mode (fuel auger and combustion fan are cycling and the LED is ON continuously), the LED will also indicate the controller setup. Turn the controller OFF, then turn it back ON quickly (within 2 seconds). There will be three sequences of LED flashing, each separated by a long pause.

1. the number of flashes in the first sequence indicates the power level from the last complete cycle that the unit ran, then a pause
2. the number of flashes in the second sequence indicates the position of switch 2, then a pause
3. the number of flashes in the third sequence indicates the position of switch 3, then a pause, then back to ON continuous

This is useful when adjusting switch3 to suit the combustion air requirements of the house, and to check out the auto power level adjust feature. To run at a new “heat selector” position, turn the controller OFF for 3 – 5 seconds, then back ON to the new position.

Whenever the ‘call for heat’ from the thermostat is satisfied, the controller will complete its current cycle. However, when the controller is turned OFF, the program is stopped where it is in its cycle. When the controller is turned back ON, the controller will complete this last cycle before a new setup of the switches takes effect in the program. For this reason, a new setup may not be seen in the first cycle after the changes. It is best to run a few cycles after making changes to the controller setup to verify any times in the new setup.

TROUBLESHOOTING GUIDE

PROBLEM	CAUSE	REMEDY
Clinkers sticking to Fire pot	Too much air	Adjust the Flap the Combustion Fan to provide less air
	Fire Pot holes Plugged	Empty the fire pot and clean the 2 rows of holes with a piece of wire
	Quality of Corn	Check your moisture. Should be < 15% - Mix a cup of Oyster Shell to a bushel of Corn
Fire pot burnt dry	Auger jammed	Remove Auger box cover, remove motor and test.
	Auger jammed	Disassemble Auger Assembly and free blockage
	Insufficient draw	Check Chimney Draw (see manual requirements and setting of Draft Control)
	Controller Malfunction	Check Status lights on controller - Power
	Incorrect Combustion air	Redo Start up Procedure - Manual
Un-burnt Corn in Fire pot	Not enough Combustion Air	Adjust Combustion Fan flap to provide more air
	Insufficient draw	Check Chimney Draw (see manual requirements and setting of Draft Control)
Auger / Combustion Fan not working	Unit not up to Temp	Refill Fire pot with Wood Pellets and restart
	Power Outage	Check Power and Connections
	Unit not up to Temp	Test 120 degree Thermodisc / replace if necessary
Circulation Fan running constantly	Duct Temp Too High	Check Heat distribution through ducts Check Honeywell Temperature Sensor Duct Booster may be needed

		Optional 1/2 hp Fan Motor may be needed
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Circulation Fan not running	Faulty Honeywell Controller	Replace
	Poor Connection	Check all connections with power off

Upon "Initial Lighting" Furnace runs for 15 min. then controller blinks.	Unit not up to Temp	Refill Fire pot with Wood Pellets and restart Test 120 degree Thermodisc / replace if necessary
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Smoke coming from Hopper, Ash Pan, or Door when opened	Lack of Draw	Check Exhaust Pipes for Blockage and clean Check Draw - Minimum of .04" Water Column needed Check for negative pressure in room - other fans etc.
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Furnace going out, Pot spilling over with burnt and un-burnt corn	Lack of Draw	Adjust Combustion Fan flap to provide more air Check Chimney Draw (see manual requirements and setting of Draft Control) Check Exhaust Pipes for Blockage and clean Check for negative pressure in room - other fans etc.
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WARRANTY

The Maxi-Comfort Furnace
Limited Warranty Read Carefully

PRODUCTS NOT COVERED

This warranty does not cover the following: Standard door glass, gasket material and will not cover any damage and / or failure caused by abuse, fuels other than Corn, Wheat, Rye, improper use or improper installation of the product covered.

(A) For the period of the first one (1) year from the date of purchase, we will replace or repair, at our option, any part defective in materials or workmanship affecting the operation of the heating system. The cost of parts only is included. The customer pays any labour or transportation charges.

(B) For the period of three (3) years from the date of purchase, we will replace or repair, at our option, any portion of the firebox, which has been damaged due to heat thereby affecting the heating system operation. The cost of parts are only included. The customer pays any labor or transportation charges.

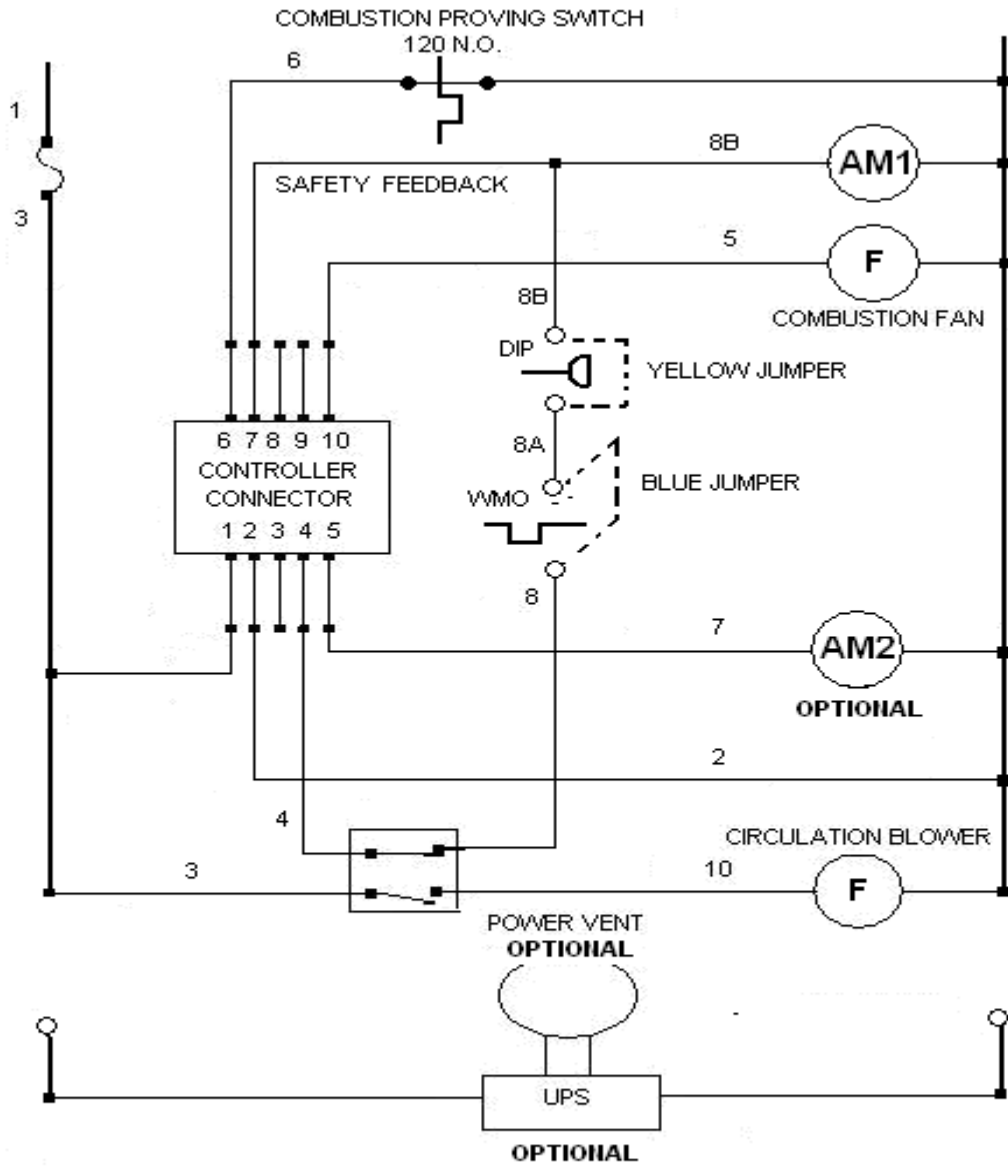
(C) The manufacturer is not liable for indirect, incidental, or consequential damages in connection with the use of the product including any costs or expense or providing substitute equipment or service during the periods of malfunction or non-use. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion or limitation may not apply to you.

(D) This warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accident or lack of proper maintenance.

GrainStoves Inc.

***Warranty Card must be completed and returned to
the manufacturer for Warranty purposes***

MAXI COMFORT FURNACE SCHEMATIC

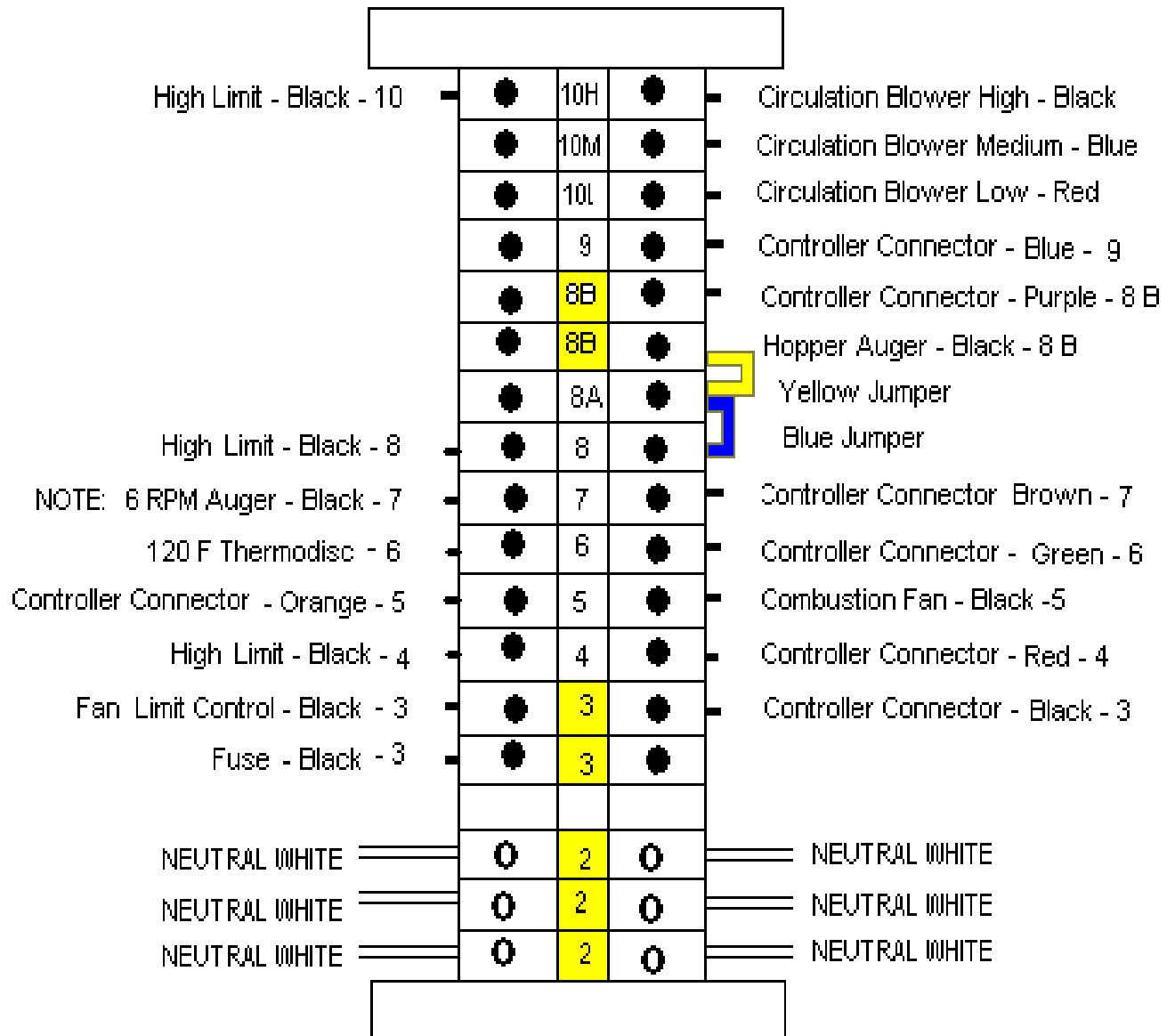


AM1
4 RPM HOPPER AUGER

AM2
6 RPM CHARGE AUGER
OPTION FOR BIOMASS

HOV.01-09

Maxi Comfort Terminal Block



NOTE: 6 RPM Auger connection will be present in the Biomass Version

Nov. 2010

Owner Registration Card

***This must be completed and returned to the
manufacturer for Warranty purposes***

To be completed by selling dealer or customer:

MODEL: MAXI COMFORT FURNACE

Name: _____
(LAST) (FIRST)

Address: _____

City: _____ Prov: _____ Postal Code: _____

Phone: (_____) _____

Serial #: _____

Date of installation: Day _____ Month _____ Year _____

Installer's name: _____

Installer's Certification Number if applicable: _____

***This must be completed and returned to the
manufacturer for Warranty purposes***

Please FILL OUT the CUSTOMER SURVEY and return it to us,
we value your suggestions.

MAXI FURNACE Customer Survey

About Us!

Where did you hear about Grain Stoves Inc. _____
What made you choose Grain Stoves Inc.? _____
Have you ever contacted the company or your dealer?.....Yes / No
Would you recommend Grain Stove Products to your family & friends?.....Yes / No
How would you rate your over-all satisfaction with your stove?.....1 2 3 4 5
How would you rate your over-all satisfaction with the service?.....1 2 3 4 5

Product Quality

Have you had any problems with your Furnace?Yes/ No
If yes, what was the problem? _____
Was the problem resolved to your satisfaction?.....Yes / No
What would change about the Furnace? _____ 1 2 3 4 5
How often & why do you refer to the Manual? _____
What would you like to see in the Manual? _____

Operation

What size is the area you heat? _____ sq. ft.
How did you heat prior to your furnace? _____
How much wheat/rye/corn did you use last year? _____
How do you store the wheat/rye/corn for your Furnace?

Could you estimate your savings since owning your Furnace? % _____ or \$ _____
Please describe your installation. _____

Comments: _____

Name: _____ **Address** _____

City _____ **Prov.** _____ **Postal Code:** _____

Phone Number: _____

Thank-You! We appreciate your input.