WARRANTY REGISTRATION
enviro.com/warranty

MAXX-1

FREESTANDING PELLET STOVE

OWNER'S MANUAL

Intertek

PLEASE READ THIS ENTIRE MANUAL BEFORE INSTALLATION AND USE OF THIS PELLET BURNING ROOM HEATER. FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN PROPERTY DAMAGE, BODILY INJURY OR EVEN DEATH

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

Fr Version Française: www.enviro.com/fr.html

INSTALLER: LEAVE THIS MANUAL WITH THE WOOD STOVE.
CONSUMER: RETAIN THIS MANUAL FOR FUTURE REFERENCE

50-1532

Table of Contents

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

We recommend that our pellet hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Pellet Specialists or who are certified in Canada by Wood Energy Technical Training (WETT).

Wood Energy Technical Training www.wettinc.ca

Introduction

* **This manual is designed for the home owner in conjunction with the technical manual.** *

Rating Label Location:

The rating label is located on the inside of the hopper.

Pellet Quality:

Pellet quality is important, please read the following:

Your Enviro pellet stove has been designed to burn ¼" (6mm) dia wood pellets only. DO NOT use this appliance as an incinerator. DO NOT use unsuitable and non recommended fuels, including liquid fuels as this will void any warranties stated in this manual.

The performance of your pellet stove is greatly affected by the type and quality of wood pellets being burned. As the heat output of various quality wood pellets differs, so will the performance and heat output of the pellet stove.

CAUTION: It is important to select and use only pellets that are dry and free of dirt or any impurities such as high salt content. Dirty fuel will adversely affect the operation and performance of the unit and will void the warranty. The Pellet Fuel Industries (P.F.I.) has established standards for wood pellet manufacturers. We recommend the use of pellets that meet or exceed these standards. Ask your dealer for a recommended pellet type.

ASH: The ash content of the fuel and operation of your stove will directly determine the frequency of cleaning. The use of high ash fuels may result in the stove needing to be cleaned daily. A low ash fuel may allow longer intervals between cleaning.

CLINKERING: [clinkers are silica (sand) or other impurities in the fuel that will form a hard mass during the burning process]. This hard mass will block the air flow through the Burn Pot Liner and affect the performance of the stove. Any fuel, even approved types, may clinker. Check the Burn-Pot Liner daily to ensure that the holes are not blocked with clinkers. If they become blocked, remove the liner (when the unit is cold) and clean/scrape the clinkers out. Clean the holes with a small pointed object if required. Refer to the section Routine Cleaning and Maintenance.

PELLET FEED RATES: Due to different fuel densities and sizes, pellet feed rates may vary. This may require an adjustment to the slider damper setting or to the auger feed trim setting on low.

Since Sherwood Industries Ltd. has no control over the quality of pellets that you use, we assume no liability for your choice in wood pellets.

FILLING FUEL HOPPER: Open lid on top of unit, check hopper for foreign objects, empty the bag into the hopper, **DO NOT OVER FILL**, and ensure hopper lid closes completely.

Store pellets at least 36" (1 m) away from the pellet stove.

WARNING: Parts of the appliance, especially the external surfaces, will be hot to touch when in operation so use due care.

FLAMMABLE LIQUIDS: Never use gasoline, gasoline-type lantern fuel, kerosene, charcoal lighter fluid, or similar liquids to start or "freshen up" a fire in the heater. Keep all such liquids well away from the heater while it is in use.

Safety Warnings & Recommendations

Please read this entire Owner's Manual before installing or operating your Enviro Pellet Stove. Failure to follow these instructions may result in property damage, bodily injury or even death. Any unauthorized modification of the appliance or use of replacement parts not recommended by the manufacturer is prohibited. All national and local regulations and shall be complied with when operating this appliance.

Caution: Do not connect to any air distribution duct or system.

Warning: Never place wood, paper, furniture, drapes or other combustible materials within 80cm (31½") of the front of the unit, 20cm (7⅞") from each side, and 10cm (4") from the back of the unit. Do not let children or pets touch it when it is hot.

To prevent the possibility of a fire, ensure that the appliance is properly installed by adhering to the installation instructions. An Enviro dealer will be happy to assist you in obtaining information with regards to your local building codes and installation restrictions.

FIRE EXTINGUISHER AND SMOKE DETECTION: All homes with a pellet burning stove should have at least one fire extinguisher in a central location known to all in the household. Smoke detectors and carbon monoxide detectors should be installed and maintained in the room containing the stove. If it sounds the alarm, correct the cause but do not deactivate. You may choose to relocate the smoke detection devise within the room; DO NOT REMOVE THE SMOKE OR CARBON MONOXIDE DETECTORS FROM THE ROOM.

CHIMNEY OR RUN AWAY FIRE: Call local fire department (or dial 911). Close the draft fully. Extinguish the fire in the burn pot liner with a cup of water and close the door. Examine the flue pipes, chimney, attic, and roof of the house, to see if any part has become hot enough to catch fire. If necessary, spray with fire extinguisher or water from the garden hose. IMPORTANT: Do not operate the stove again until you are certain the chimney and its lining have not been damaged.

OPERATION: The door and ash drawer must be kept closed when the unit is in operation to prevent fume spillage and for proper and safe operation of the pellet stove. Also ensure all gaskets on the door are checked and replaced when necessary. **Unit hot while in operation. Keep children, clothing and furniture away. Contact may cause skin burns.**

CAUTION: When operating during adverse weather, if the unit exhibits dramatic changes in combustion stop using the unit immediately.

FUEL: This pellet stove is designed and approved to only burn wood pellet fuel with up to 3% ash content. Dirty fuel will adversely affect the operation and performance of the unit and may void the warranty. Check with your dealer for fuel recommendations. **THE USE OF CORDWOOD IS PROHIBITED BY LAW. Do not burn garbage or flammable fluids such as gasoline, naptha or engine oil.**

SOOT: Operation of the stove with insufficient combustion air will result in the formation of soot which will collect on the glass, the heat exchanger, the exhaust vent system, and may stain the outside of the house. This is a dangerous situation and is inefficient. Frequently check your stove and adjust the slider/damper as needed to ensure proper combustion. **See: "Slider/Damper Setting".**

CLEANING: There will be some build up of fly ash and small amounts of creosote in the exhaust. This will vary due to the ash content of the fuel used and the operation of the stove. It is advisable to inspect and clean the exhaust vent semi-annually or every two tons of pellets.

The appliance, flue gas connector and the chimney flue require regular cleaning. Check them for blockage prior to re-lighting after a prolonged shut down period.

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

Safety Warnings & Recommendations

ELECTRICAL: The use of a surge protected power bar is recommended. The unit must be grounded. The grounded electrical cord should be connected to a standard 110-120 volts (3.6 Amps), 60 hertz electrical outlet and also must be accessible. If this power cord should become damaged, a replacement power cord must be purchased from the manufacturer or a qualified Enviro dealer. Be careful that the electrical cord is not trapped under the appliance and that it is clear of any hot surfaces or sharp edges. This unit's maximum power requirement is 432 watts.

When installing the stove in a mobile home, it must be electrically grounded to the steel chassis of the home and bolted to the floor.

GLASS: Do not abuse the glass by striking or slamming the door. Do not attempt to operate the stove with broken glass. The stove uses ceramic glass. Replacement glass must be purchased from an Enviro dealer. Do not attempt to open the door and clean the glass while the unit is in operation or if glass is hot. To clean the glass, use a soft cotton cloth and mild window cleaner, gas or wood stove glass cleaner, or take a damp paper towel and dip into the fly ash. This is a very mild abrasive and will not damage the glass.

KEEP ASH PAN FREE OF RAW FUEL. DO NOT PLACE UNBURNED OR NEW PELLET FUEL IN ASH PAN. A fire in the ash pan may occur.

INSTALLATION: Contact your local building or fire official to obtain a permit and any information on installation restrictions and inspection requirements for your area.

Be sure to maintain the structural integrity of your home when passing a vent through walls, ceilings, or roofs, and all construction meets local building codes. It is recommended that the unit be secured into its position in order to avoid any displacement. This appliance must be installed on a floor with an adequate load bearing capacity, if existing construction doesn't meet load capacity, suitable measures (e.g. load distributing plate) must be taken to achieve it.

DO NOT INSTALL A FLUE DAMPER IN THE EXHAUST VENTING SYSTEM OF THIS UNIT.
DO NOT CONNECT THIS UNIT TO A CHIMNEY FLUE SERVING ANOTHER APPLIANCE.

FRESH AIR: This unit uses large quantities of air for combustion; outside Fresh Air connection is **strongly** recommended. Fresh Air **must** be connected to all units installed in Mobile and "Air Tight Homes" (R2000) or where required by local codes.

Consider all large air moving devices when installing your unit and provide room air accordingly. NOTE: Extractor fans when operating in the same room or space as the appliance may cause problems. Limited air for combustion may result in poor performance, smoking and other side effects of poor combustion.

The stove's exhaust system works with negative combustion chamber pressure and a slightly positive chimney pressure. It is very important to ensure that the exhaust system be sealed and airtight. The ash pan and viewing door must be locked securely for proper and safe operation of the pellet stove.

Do not burn with insufficient combustion air. A periodic check is recommended to ensure proper combustion air is admitted to the combustion chamber. Setting the proper combustion air is achieved by adjusting the slider damper located on the left side of the stove.

Minor soot or creosote may accumulate when the stove is operated under incorrect conditions such as an extremely rich burn (black tipped, lazy orange flames).

If you have any questions with regards to your stove or the above-mentioned information, please feel free to contact your local dealer for further clarification and comments.

SINCE SHERWOOD INDUSTRIES LTD. HAS NO CONTROL OVER THE INSTALLATION OF YOUR STOVE, SHERWOOD INDUSTRIES LTD. GRANTS NO WARRANTY IMPLIED OR STATED FOR THE INSTALLATION OR MAINTENANCE OF YOUR STOVE. THEREFORE, SHERWOOD INDUSTRIES LTD. ASSUMES NO RESPONSIBILITY FOR ANY CONSEQUENTIAL DAMAGE(S).

SAVE THIS INSTRUCTION MANUAL FOR FUTURE REFERENCE.

Emissions and Efficiencies

Emissions and Efficiency - Maxx:

This manual describes the installation and operation of the Enviro Maxx pellet heater. This heater is U.S. ENVIRONMENTAL PROTECTION AGENCY Certified to comply with 2020 particulate emission standards. Under specific test conditions this heater has been shown to deliver heat at rates ranging from 16,588-63,386 Btu/hr.

Efficiency: 77.4% HHV

EM
O-TL
US
0268PF028E

WARNING: This pellet heater needs periodic inspection and repair for proper operation. It is against federal regulations to operate this pellet heater in a manner inconsistent with operating instructions in this manual.

WARNING: This wood pellet has a manufacturer set minimum low burn rate that must not be altered. It is against federal regulations to alter this setting or otherwise operate this pellet heater in a manner inconsistent with operating instructions in this manual.

Dimensions & Specifications:

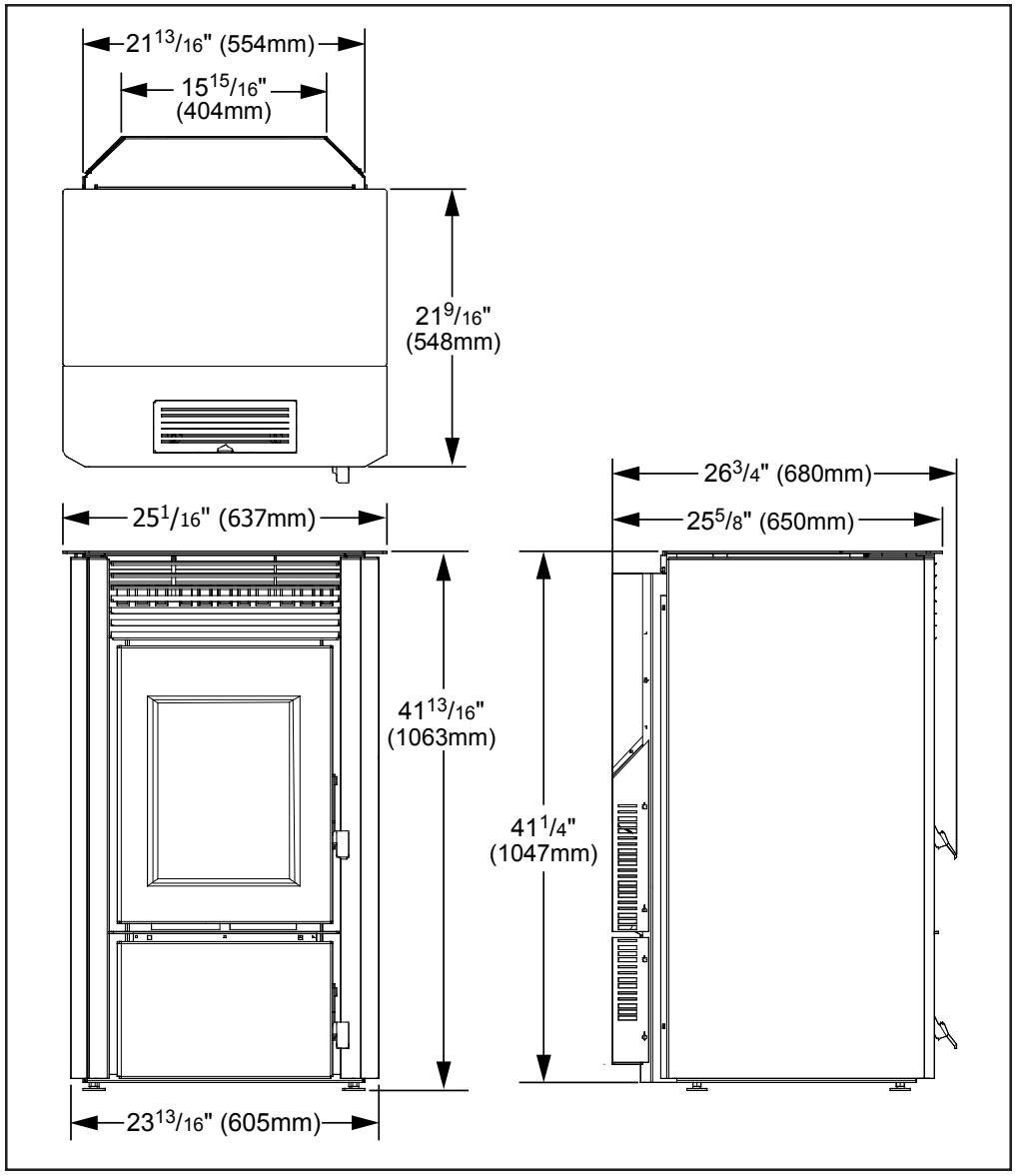


Figure 1: Dimensions of Maxx.

Table 1: Maxx Specifications.

Testing Standard	Frequency	Voltage
ASTM 1509-04	60 Hz	110 - 120 V
Fuel type	Current	Max Power
wood pellets - 6mm (¼") dia.	3.6 Amps	432 Watts
Description	Hopper Capacity	Consumption on Low
Residential Wood Pellet Heater	up to 130 lb (59 Kg)	1.7 lb/hr (0.77 Kg/hr)*
	Weight (with full hopper)	Consumption on High
	455 lb (206 Kg)	7.6 - 8.3 lb/hr (3.45-3.76 Kg/hr)*

*Note: Consumption will vary with the type of fuel used.

Operating Instructions

Control Board Functions:

1. **AUGER LIGHT:** This green light will flash in conjunction with the auger pulse.
2. **MODE LIGHT:** Responsible for signaling the state of the control board. When the light is flashing the stove is in an automatic start mode or the thermostat has control of the unit. When the light is solid, the Heat Level Setting can be altered.
3. **THERMOSTAT SWITCH:** Used to set the unit's controls to one of three mode settings; manual, high/low, or auto/off.
4. **FEED RATE TRIM BUTTON:** Used to change the feed rate trims in ¼ second increments for all feed settings. When this button is pressed, all the light will light up on the Heat Output Indicator except for the one that shows the current setting; the default setting is the number 4 light. To adjust the setting hold the Feed Rate Trim button down and press the Heat Level up or down buttons to adjust the setting.
5. **COMBUSTION BLOWER TRIM BUTTON:** Used to change the Combustion Blower trims in 5 volt increments for all feed settings until it reaches line voltage. When this button is pressed, all the light will light up on the Heat Output Indicator except for the one that shows the current setting; the default setting is the number 2 light. To adjust the setting hold the Combustion Blower Trim button down and press the Heat Level up or down buttons to adjust the setting.
6. **ON/OFF BUTTON:** Used to turn the unit ON and OFF.
7. **HEAT LEVEL ADJUSTMENT BUTTONS:** When pressed, will change the heat level setting of the unit up or down.
8. **HEAT OUTPUT INDICATOR:** Shows the present heat output setting.

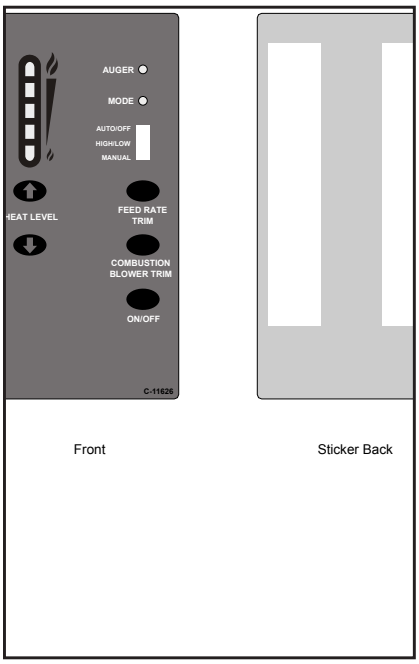


Figure 3: Circuit Board Control Panel Decal.

Automatic Safety Features of Your Pellet Stove:

A. The stove will shut off when the fire goes out and the exhaust temperature drops below 120°F (49°C).

B. The stove has a high temperature safety switch. If the temperature on the hopper reaches 200°F (93°C), the auger will automatically stop and the stove will shut down when the exhaust temperature cools #4 light flashes. Dealer will have to reset the sensor. If this happens, call your local dealer to reset the 200°F (93°C) high limit switch. **ALSO FIND THE REASONS WHY THE UNIT OVERHEATED.**

C) The unit is equipped with a vacuum switch to monitor the venting; if it becomes blocked the vacuum switch will turn off the auger and the #2 light on the control board will flash.

Operating Your Pellet Stove:

PRE-BURN INSTRUCTIONS: The burn pot liner holes must be clear and the liner installed properly against the ignitor tube for proper operation. Check the hopper for enough pellets to start the unit.

DO NOT OPERATE THE UNIT WITH THE DOOR OR ASH PAN OPEN.

Note: The thermostat mode can be changed during normal operation.

Operating Instructions

MANUAL MODE:

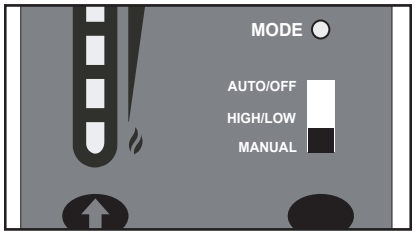


Figure 4: Thermostat Switch in MANUAL position.

All control of circuit board function is adjusted at the circuit board.

To START: Press the ON / OFF button. The stove will turn on. The system light will flash. The Auger Light will flash with each pulse of the auger (the Auger Feed Rate is pre-programmed during start-up). The Heat Level Indicator will show the Heat Level that the stove will run at after start-up and can be adjusted but the change will not take affect until the start -up has finished.

If this is the first time the unit has been started or the unit has run out of fuel, the auger will need to be primed. This can be done by restarting the unit five (5) minutes into its start-up or by putting a small hand full of pellets into the burnpot.

To OPERATE: When a fire has been established, the System Light will turn solid (after approximately 10 - 15 minutes) and the Auger Light will continue to flash to the corresponding Heat Level setting.

The convection blower (room air blower) will turn on. The speed of this blower is controlled by the setting of the heat level output indicator. The convection blower can be turned OFF by depressing the convection blower control button. For the best efficiency the convection blower should be left on at all times.

HIGH/LOW MODE: (Requires a thermostat)

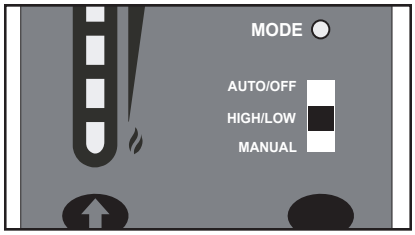


Figure 5: Thermostat Switch in HIGH/LOW position.

INITIAL START-UP: See manual mode above.

OPERATION: When the thermostat calls for heat (contacts are closed) the stove settings are adjustable as per Manual Mode. When the thermostat contacts open, the HEAT LEVEL and Fans will drop down to the LOW setting until the thermostat contacts close again. *The LOW heat setting can be adjusted for different fuel qualities (see "Operating Instructions - Control Board Functions"). The stove will come back to the previous HEAT LEVEL setting when the thermostat contacts close again.

AUTO/OFF MODE: (Requires a thermostat)

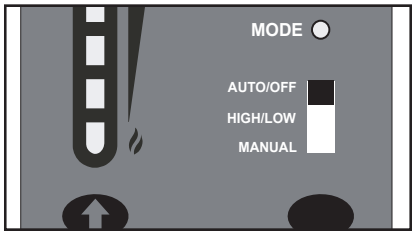


Figure 6: Thermostat Switch in ON/OFF position.

INITIAL START-UP: See manual mode above.

OPERATION: When the thermostat contacts close, the unit will light automatically. Once up to temperature, the stove operates the same as in MANUAL. When the thermostat contacts open, the stove's HEAT LEVEL and Fans will drop down to the LOW setting for 30 minutes. If the thermostat contacts close within the 30 minutes, the HEAT LEVEL will return to the previous MANUAL setting. If the thermostat contacts remain open the stove automatically begins its shutdown routine. The ON / OFF button can be presses at any time the the stove will immediately shut down. The stove will re-light when the thermostat contacts close again.

Turning Your Pellet Stove Off:

- MANUAL and HI / LOW mode: To turn the unit OFF, simply press the ON / OFF button. This will stop the feed of pellets. The blowers will continue to operate and cool the stove down. When cool enough, the stove will turn off.
- AUTO / OFF mode: To turn the unit OFF, turn the thermostat down or off. NOTE: The unit will run on low for three (3) minutes before it turns off.

DO NOT unplug unit while Combustion fan is operating.
This may lead to smoke escaping from the stove.

Operating Instructions

Slider/Damper Set-Up:

THE SLIDER / DAMPER MUST BE SET AT TIME OF INSTALLATION. A Qualified Service Technician or Installer must set the Slider Damper. This is used to regulate the airflow through the pellet stove. Following these steps will minimize visible emissions.

If the fire should happen to go out and the heat output indicator has been set on the lowest setting, the Slider Damper should be pushed in slightly, decreasing the air in the firebox.

If, after long periods of burning, the fire builds up and overflows the burn pot or there is a build up of clinkers, this would be a sign that the pellet quality is poor, this requires more primary air, the slider damper must be pulled out to compensate. Pulling the slider damper out gives the fire more air.

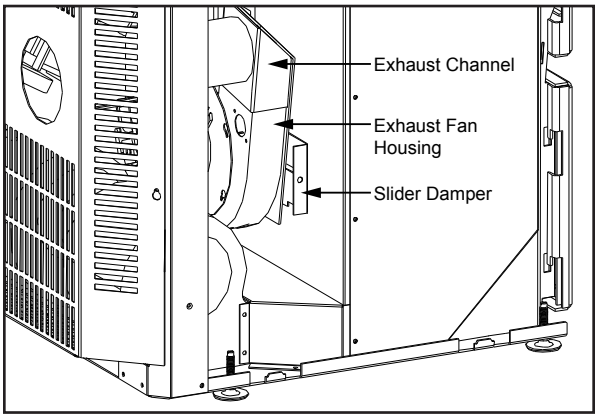


Figure 6: Slider/Damper Plate in Unit.

The easiest way to make sure that an efficient flame is achieved is to understand the characteristics of the fire.

- A tall, lazy flame with dark orange tips requires more air – Open slider (pull out) slightly.
- A short, brisk flame, like a blowtorch, has too much air – Close slider (push in) slightly.
- If the flame is in the middle of these two characteristics with a bright yellow/orange, active flame with no black tips then the air is set for proper operation, refer to Figure 7.


Figure 7: Efficient Flame.

The combustion exhaust blower is a variable speed blower controlled by the heat output button. This blower will decrease the vacuum pressure inside the stove, adjusting the air to fuel ratio.

SPECIAL NOTES:

Pellet quality is a major factor in how the Pellet stove will operate. If the pellets have a high moisture content or ash content the fire will be less efficient and has a higher possibility of the fire building up and creating clinkers (hard ash build-up).

Guidelines For Fine-Tuning For Fuel Quality:

Due to fuel quality the slider damper and control board trims may need to be fine-tuned.

1. If the unit builds up on all settings, the slider damper rod should be pulled out in small increments to give the unit more air.
2. If the unit has excesses ash build-up in the liner on the lower feed settings, the Combustion Blower Trim should be increased one setting at a time until the problem improves (Factory Setting is #2).
3. If the fire is going out on low because the airflow is too great, the Combustion Blower Trim can be lowered to the #1 setting.
4. If the stove has excesses ash build-up in the liner on the higher settings the Feed Rate Trim should be trimmed down a setting at a time until the problem improves (Factory setting is #4).
5. If you need more heat and the fuel has long pellets, the majority are over 1" (2.5cm) in length, the Feed Rate Trim can be moved up to the #5 setting. NOTE: Only do this if the fuel burns without building up.

Routine Cleaning and Maintenance

The following list of components should be inspected and maintained routinely to ensure that the appliance is operating at its optimum and giving you excellent heat value. The appliance, flue gas connector and the chimney flue require regular cleaning. Check them for blockage prior to re-lighting after a prolonged shut down period.

Check the Burn Pot Liner DAILY	
Weekly	Bi-annually or 2 Tons of Fuel
Burn Pot and Liner - Empty	Exhaust Vent
Heat Exchanger Tubes	Fresh Air Intake Tube
Ash Box	Blower Mechanisms
Door Glass	Heat Exchanger Tubes
Inside Firebox	Behind Firebox Liners
Ash Pan and Door Gaskets	All Hinges
Door Latch	Post Season Clean-up

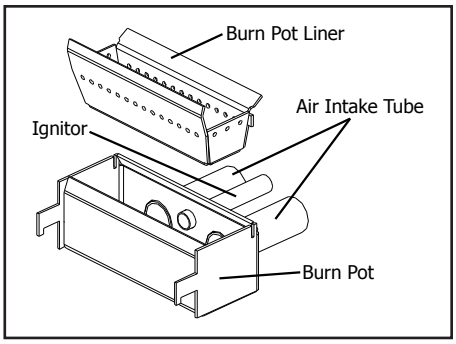


Figure 8: Maxx Burn pot and Liner

TOOLS REQUIRED TO CLEAN UNIT:

Torx T-20 Screwdriver, ¼", 5/16" 3/8", & 7/16" wrench and/or socket, Ash Pan Tool, Brush, Soft Cloth, and Vacuum with fine filter bag

BURNER POT AND LINER (Checked Daily/Emptied Weekly)

To remove the burn pot and burn pot liner, open the door using the door handle provided (located on the right-hand side of the stove). Swing the door open. Lift the liner from the burn pot. Lift the burn pot from the firebox by gently lifting up the front of the burn pot, then sliding the assembly from the air intake tube and the ignitor cartridge.

This is the 'pot' where the pellets are burned. When the unit is cold, remove the burn-pot liner from the stove. Using a metal scrapper, remove material that has accumulated or is clogging the liner's holes. Then dispose of the scrapped ashes from the liner and from inside the burn-pot. Place the burn-pot back into the stove, making sure that the pipes are properly inserted into the burn pot. Place the liner back into the burn-pot, making sure that the ignitor hole in the liner is aligned with the ignitor tube; push the liner up against the ignitor tube.

If, after long periods of burning, the fire continually builds up and overflows the burn pot or there is a build up of clinkers, this is an indication that the pellet fuel quality is poor or the stove may need cleaning. Check the stove for ash build up (clean if required) and adjust the slider / damper to produce the proper clean combustion.

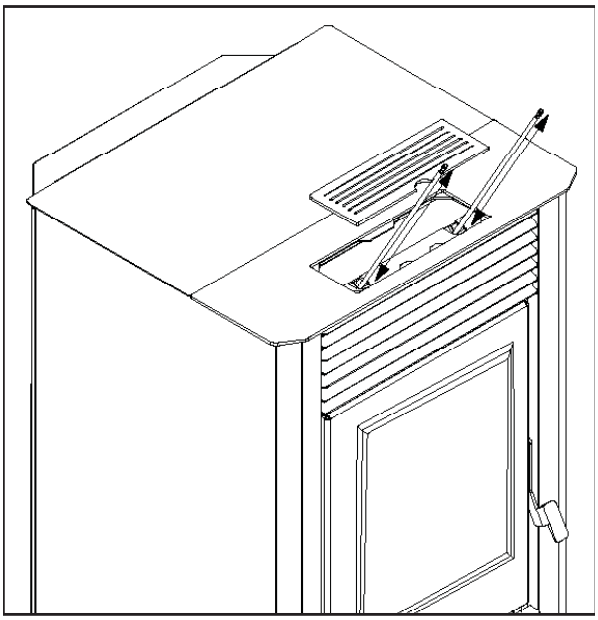


Figure 9: Maxx Burn Heat Exchanger Cleaning.

HEAT EXCHANGER TUBES (Weekly)

There are two (2) sets of exchanger tube scrapers; the handles are located under the top grill (trivet). Lift the grill and move the handles all the way up and down a few times (ONLY WHEN THE UNIT IS COLD) in order to clean away any fly ash that may have collected on the heat exchanger tubes. As different types of pellets produce different amounts of ash, cleaning of the tubes should be done on a regular basis to enable the unit to run efficiently.inside of the ash pan compartment inside the pedestal including the hole at the top back of the compartment.

Routine Cleaning and Maintenance

DOOR GLASS CLEANING (Weekly)

Cleaning of the glass must only be done when stove is cold. Open the door by lifting the handle. The glass can be cleaned by wiping down the outside and inside of the glass with a dry soft cloth.

If the glass has build up that can not be removed with only the cloth, clean the glass using paper towel and a gas appliance glass cleaner, this may be purchased through most dealers. If a gas appliance glass cleaner is not available, use a damp paper towel dipped in fly ash to clean the glass. After the glass has been cleaned use the dry soft cloth to wipe down the outside and inside of the glass.

ASH PAN AND DOOR GASKETS (Weekly)

After extended use the gasketing may come loose. To repair this, glue the gasketing on using high-temperature fiberglass gasket glue available from your local dealer. This is important to maintain an airtight assembly.

ASH BOX (Weekly)

IMPORTANT: The unit must be OFF while the ash pan is removed.

The ash box is located behind the lower door (see Figure 10). To remove the ash box, lift the latch on the right, open the ash box door, and lift it out.

Dump the ashes into a metal container stored away from combustibles. Monitor the ash level every week. Remember that different pellet fuels will have different ash contents. Ash content is a good indication of fuel efficiency and quality. Refer to "Safety Warnings And Recommendations" for disposal of ashes. Vacuum the inside of the ash pan compartment inside the pedestal including the hole at the top back of the compartment.

Insert the ash box fully and close ash box door.

DO NOT PLACE UNBURNED OR RAW PELLET FUEL IN ASH PAN.

EXHAUST PASSAGES (Biannually)

- Open the firebox door by lifting the handle.
- Remove the burn pot and burn pot liner; clean both.
- Using a ⅜" socket, remove the two (2) bolts that hold the firebox liner in place. Vacuum the firebox and firebox liner thoroughly.
- Open the ash box door; remove the ash box and cleanout the cavity.
- Clean out the transition box to the combustion blower (located behind the ash box)
- Lubricate all screws with penetrating oil.
- Re-install the ash box, firebox liner, burn pot, and burn pot liner
- Close the firebox and ash pan doors and secure.

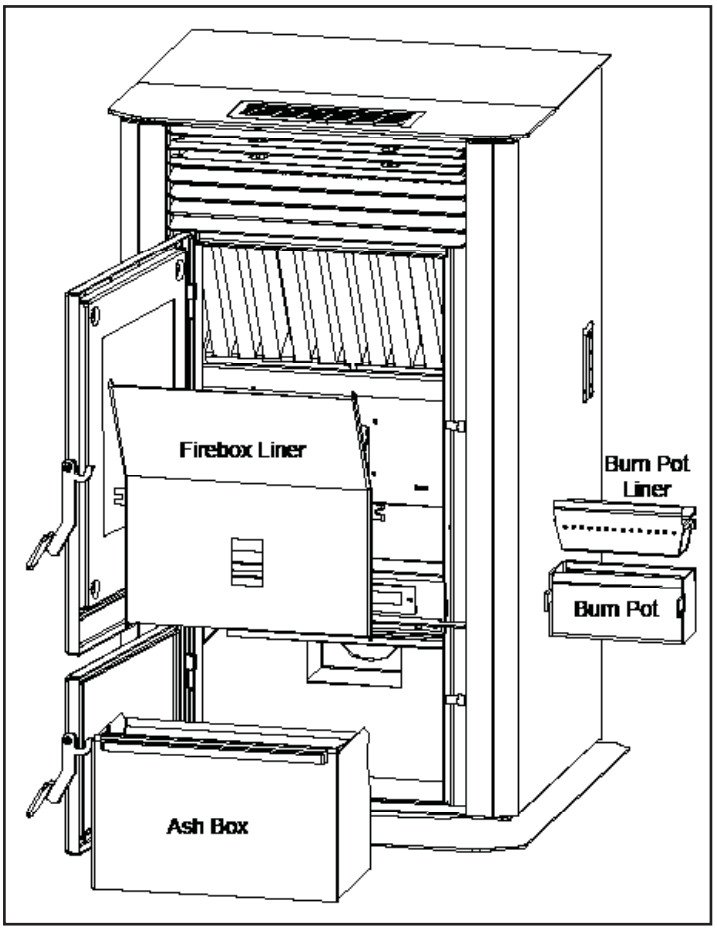


Figure 10: Maxx Exhaust Passages.

EXHAUST VENT (Biannually)

Routine Cleaning and Maintenance

This vent should be cleaned every year or after two tons of pellets. We recommend contacting your dealer for professional cleaning. To clean the vent pipe, tap lightly on the pipe to dislodge any loose ash. Open the bottom of the "T" to dump the ash, then vacuum as much of the ash out of the vent pipe as possible.

FRESH AIR INTAKE (Biannually)

Inspect periodically to be sure that it is not clogged with any foreign materials.

BLOWER MECHANISMS (Annually)

Unplug the stove then open the right and left side panels to access the two blowers. Remove the two (2) T-20 Torx screws on the back of the each panel. Pull the bottom of the panel out then slide the top of the panel down off the tab. Vacuum all dust from motors. The blower motors' has sealed bearings, DO NOT lubricate this motor. Check gaskets and replace if needed.

POST SEASON CLEAN-UP

Once you are finished using the pellet appliance for the season, unplug the stove for added electrical protection. It is very important that the stove be cleaned and serviced as stated above.

CLEANING PAINTED SURFACES

Please clean painted surfaces with a soft damp cloth.

FIREBOX LINER

The paint on the Firebox Liner may peel. This is due to extreme conditions applied to the paint and is in no way covered by warranty.

DOOR GLASS REPLACEMENT

It is recommended that your dealer replace the glass if broken. The door glass is made of high temperature PYRO CERAMIC. To replace the glass, unscrew and remove the four (4) retainer nuts $^{7}/_{16}$" socket. Remove the two (2) T-20 screws holding the inner door to the glass retainer. Remove the glass and any broken pieces. High temperature fiberglass tape should be used around the glass in the same location as the original fiberglass. Insert the glass into the retainer, screw the inner door to the retainer, install inner door assembly into outer door and gently tighten nuts. The use of substitute materials is prohibited: Glass (9" x 13" [229mm x 330mm]); EF-061.

Deciding Where to Locate your Pellet Appliance:

1. Do not install the stove in a bedroom or room where people sleep in.
2. Locate the stove in a large and open room that is centrally located in the house. This will optimize heat circulation.
3. Check clearances to combustibles and for the least amount of interference to house framing, plumbing, wiring, etc.
4. You can vent the stove with approved pipe through an exterior wall behind the unit or pass it through the ceiling and roof. The stove can connect to an existing masonry or metal chimney (must be lined if the chimney is over 6" (15 cm) diameter, or over 28 inches² (180 cm²) cross sectional area).
5. This unit must not be installed directly onto carpet. If it is to be installed on a carpeted area, a solid surface (wood, metal or approved hearth pad) must be installed between the unit and the carpet.
6. This unit uses large quantities of air for combustion; outside Fresh Air connection is **strongly recommended**. Fresh Air **must** be connected to all units installed in Mobile and "Air Tight Homes" (R2000) or where required by local codes.
7. Do not obtain combustion air from an attic, garage or any unventilated space. Combustion air may be obtained from a ventilated crawlspace.
8. The power cord is 8 feet (2.43 m) long and may require a grounded extension cord to reach the nearest electrical outlet.

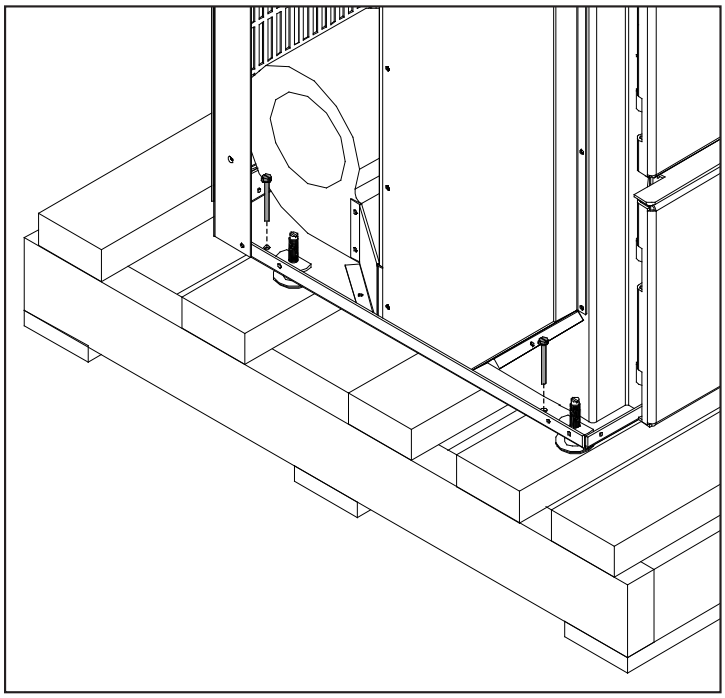


Figure 3: Screws to take out to remove stove from pallet.

Removing Pellet Stove From Pallet:

1. Remove the right and left hand cabinet sides. Partially back out the two (2) T-20 Torx screws on the back of the each panel and the two (2) located on the front inside edge below the louvers and ash shelf. Pull the panel forward then remove.
2. Remove the two (2) wood screws from each side that are holding the bottom of the stove to the pallet.
3. Re-install the side panels.

Clearances to Combustibles:

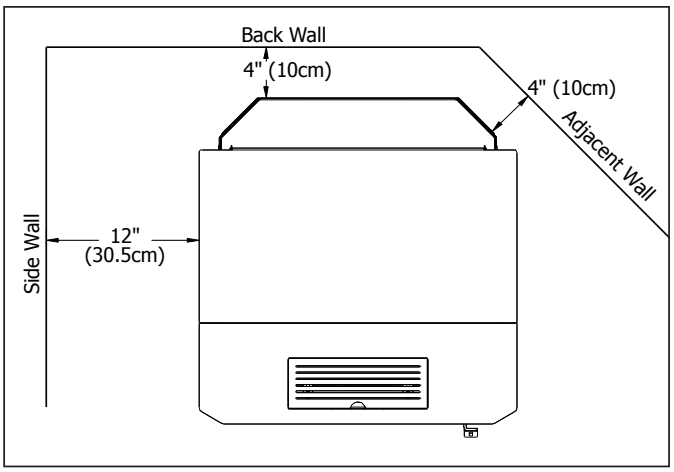


Figure 4: Maxx Clearance to Combustibles.

These dimensions are minimum clearances but it is recommended that you ensure sufficient room for servicing, routine cleaning and maintenance.

Side wall to unit	12 inches	(30.5 cm)
Back wall to unit	4 inches	(10 cm)
Corner to unit	4 inches	(10 cm)
Ceiling height	84 inches	(213.4 cm)

Hearth Shield Installation:

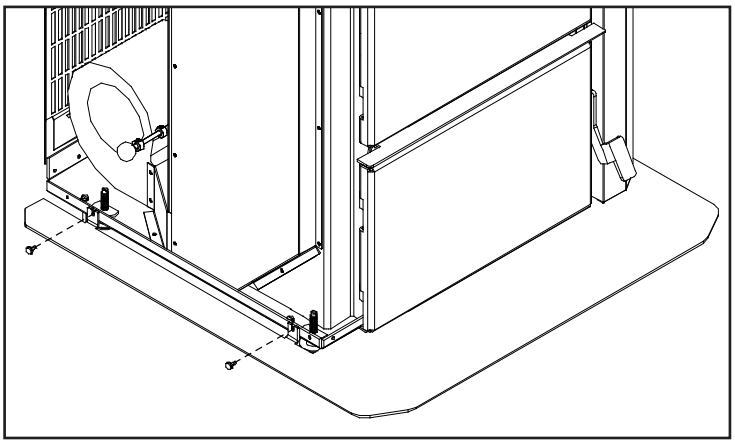


Figure 5: Maxx Hearth Shield Installation.

1. Remove the right and left hand cabinet sides. Partially back out the two (2) T-20 Torx screws on the back of the each panel and the two (2) located on the front inside edge below the louvers and ash shelf. Pull the panel forward then remove.
2. Slide the hearth shield into place.
3. Secure the shield to the unit with two (2) screws on each side (see Figure 4).
4. Re-install the side panels.

Thermostat Installation:

1. Install the wall thermostat in a location that is not to close too the unit but will effectively heat the desired area.

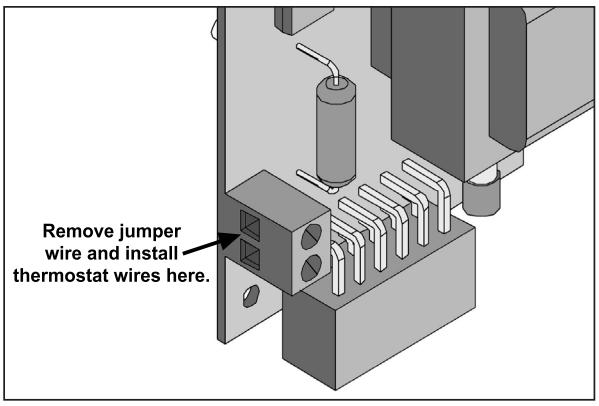


Figure 6: Thermostat wire placement.

2. Install a 12 or 24 Volt Thermostat using an 18 x 2 gauge wire from the unit to the thermostat.

If the unit has been placed in the HI / LOW mode, the unit will be taken to a low or idle setting when the thermostat is not calling for heat. When the thermostat calls for heat, the unit will go to the setting that is displayed on the control board Heat Indicator. If the heating load is not great enough when the stove is on low, the high limit switch will turn the stove off and the switch will have to be manually reset. To reset the high limit switch, remove the right cabinet side. The switch is found behind the control panel. Avoid setting off the high limit switch.

VENT TERMINATION REQUIREMENTS:

IT IS RECOMMENDED THAT YOUR PELLET STOVE BE INSTALLED BY AN AUTHORIZED DEALER/INSTALLER.

Table 2: Use in conjunction with Figure 7 for allowable exterior vent termination locations.

Letter	Minimum Clearance	Description
A	24 in (61 cm)	Above grass, top of plants, wood, or any other combustible materials.
B	48 in (122 cm)	Beside/below any door or window that may be opened. (18" (46 cm) if outside fresh air installed.)
C	12 in (30 cm)	Above any door or window that may be opened. (9" (23 cm) if outside fresh air installed.)
D	24 in (61 cm)	To any adjacent building, fences and protruding parts of the structure.
E	24 in (61 cm)	Below any eave or roof overhang
F	12 in (30 cm)	To outside corner.
G	12 in (30 cm)	To inside corner, combustible wall (vertical and horizontal terminations).
H	3 ft (91 cm) within a height of 15 ft (4.5 m) above the meter/regulator assembly	To each side of center line extended above natural gas or propane meter/ regulator assembly or mechanical vent.
I	3 ft (91 cm)	From any forced air intake of other appliance
J	12 in (30 cm)	Clearance to non-mechanical air supply inlet to building, or the combustion air inlet to any appliance.
K	24 in (61 cm)	Clearance above roof line for vertical terminations.
L	7 ft (2.13 m)	Clearance above paved sidewalk or paved driveway located on public property.

1. Do not terminate the vent in any enclosed or semi-enclosed areas such as a carport, garage, attic, crawlspace, narrow walkway, closely fenced area, under a sundeck or porch, or any location that can build up a concentration of fumes such as stairwells, covered breezeway, etc.

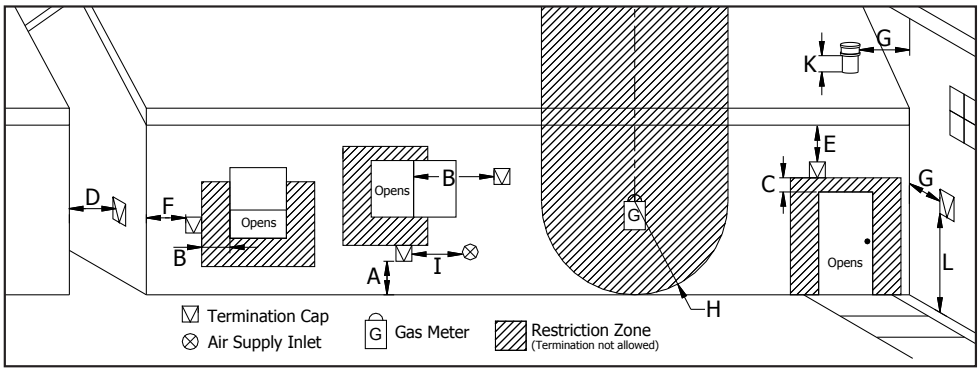


Figure 7: Use in conjunction with Table 2 for allowable exterior vent termination locations.

2. Vent surfaces can become hot enough to cause burns if touched by children. Non-combustible shielding or guards may be required.

3. Termination must exhaust above the inlet elevation. It is recommended that at least five feet of vertical pipe be installed outside when the appliance is vented directly through a wall, to create some natural draft to prevent the possibility of smoke or odor during appliance shut down or power failure. This will keep exhaust from causing a nuisance or hazard from exposing people or shrubs to high temperatures. In any case, the safest and preferred venting method is to extend the vent through the roof vertically.

4. Distance from the bottom of the termination and grade is 12" (30 cm) minimum. This is conditional upon the plants and nature of grade surface. The exhaust gases are hot enough to ignite grass, plants and shrubs located in the vicinity of termination. The grade surface must not be lawn.

5. If the unit is incorrectly vented or the air to fuel mixture is out of balance, a slight discoloration of the exterior of the house might occur. Since these factors are beyond the control of Sherwood Industries Ltd, we grant no guarantee against such incidents.

NOTE: Venting terminals shall not be recessed into walls or siding.

Outside Fresh-Air Connection:

This Heater must have adequate air for proper combustion in the room that it is installed.

A Fresh-air intake is strongly recommended for all installations. Failure to install intake air may result in improper combustion as well as the unit smoking during power failures.

The inlet to the intake must be below and a minimum of 12" (30cm) away from the unit exhaust outlet.

Outside fresh air is mandatory when installing this unit in airtight homes and mobile homes.

When connecting to an outside fresh air source, do not use plastic or combustible pipe. A 3" minimum (76 mm) ID (inside diameter) steel, aluminum or copper pipe or ducting should be used. It is recommended, when you are installing a fresh air system, to keep the number of bends in the pipe to a minimum.

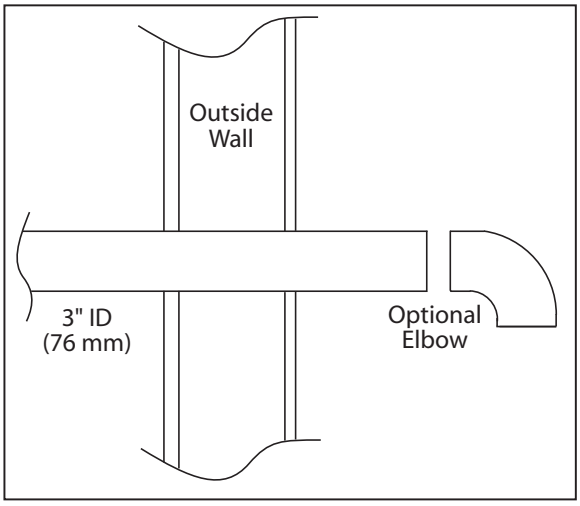


Figure 8: Outside Air Connection.

Exhaust And Fresh Air Intake Locations:

This unit uses a 4" exhaust vent.

EXHAUST:

Base of unit to center of flue

min. 14 3/16" (361 mm)

Center of unit to center of flue

4 3/16" (107 mm)

FRESH AIR INTAKE.

Base of unit to center of intake

min. 14 3/16" (361 mm)

Center of unit to center of intake

5 1/8" (130 mm)

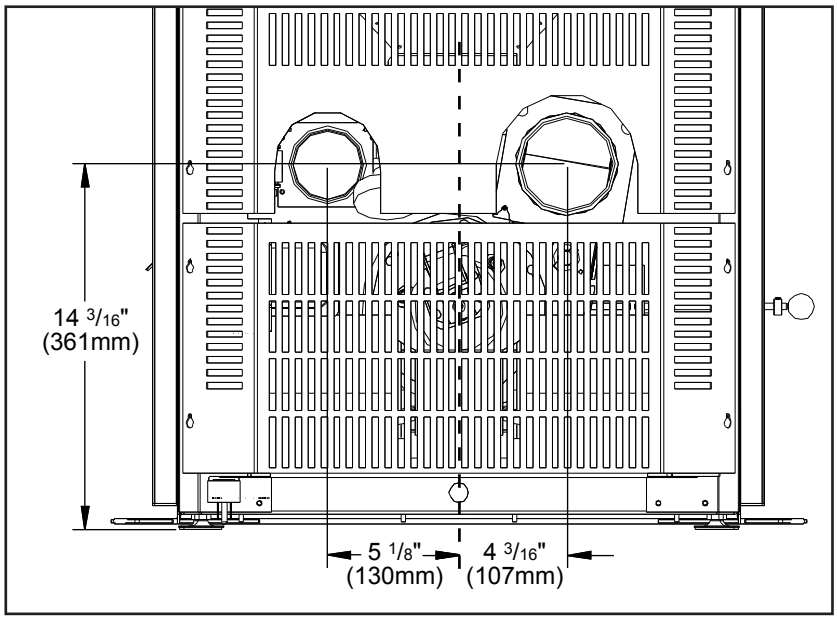


Figure 9: Maxx Inlet and Outlet Location.

Mobile Home Installation:

- Secure the heater to the floor using the four (4) holes in the pedestal.
- Ensure the unit is electrically grounded to the chassis of your home (permanently).
- Do not install in a room people sleep in.
- Outside fresh air is mandatory. Secure outside air connections directly to fresh air intake pipe and secure with three (3) screws evenly spaced.

CAUTION: THE STRUCTURAL INTEGRITY OF THE MANUFACTURED HOME FLOOR, WALL AND CEILING/ROOF MUST BE MAINTAINED.

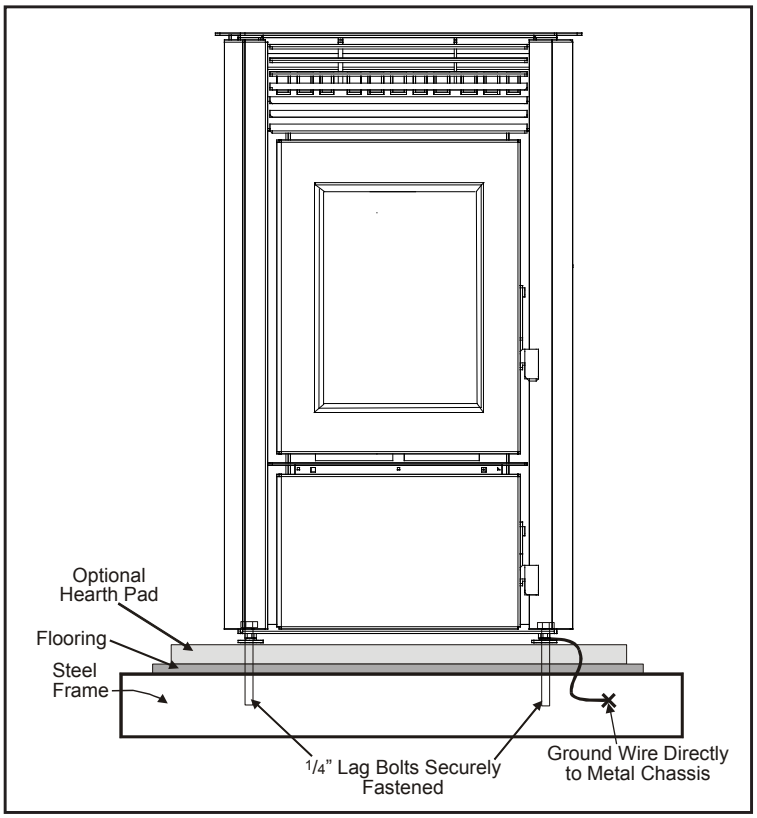


Figure 10: Mobile home installation.

Corner Through Wall Installation:

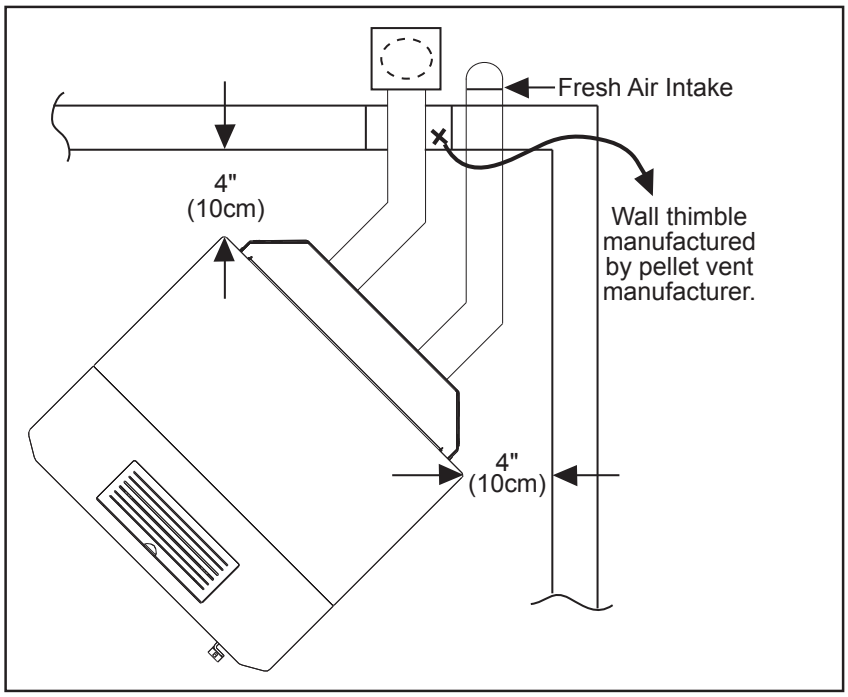


Figure 11: Corner Installation.

HORIZONTAL EXHAUST THROUGH WALL INSTALLATION:

Vent installation: install vent at clearances specified by the vent manufacturer.

A chimney connector shall not pass through an attic or roof space, closet or similar concealed spaces, or a floor, or ceiling. Where passage through a wall or partition of combustible construction is desired, the installation must conform to CAN/CSA-B365 Installation Code for Solid-Fuel-Burning Appliances and Equipment and with all local regulations, including those referring to regional and national. Only use venting of L or PL type with an inside diameter of 4 inches (100 mm).

1. Place the appliance 15" (37.5 cm) away from the wall. If the stove is to be set on a hearth pad, set the unit on it.
2. Locate the center of the exhaust pipe on the stove. Extend that line to the wall. Once you have located the center point on the wall, refer to pellet vent manufacturer installation instructions for correct hole size and clearance to combustibles.
3. Install the wall thimble as per the instructions written on the thimble. Maintain an effective vapour barrier in accordance with local building codes.
4. Install a length of vent pipe into the wall thimble. Try not to have joints inside the thimble. The pipe should install easily into the thimble.
5. Connect the exhaust vent pipe to the exhaust pipe on the stove. Seal the connection with high temperature silicone.
6. Install the fresh air intake (see OUTSIDE FRESH AIR CONNECTION).
7. Push the stove straight back, leaving a minimum of 4" (10 cm) clearance from the back of the stove to the wall. Seal the vent pipe to the thimble with high temperature silicone.

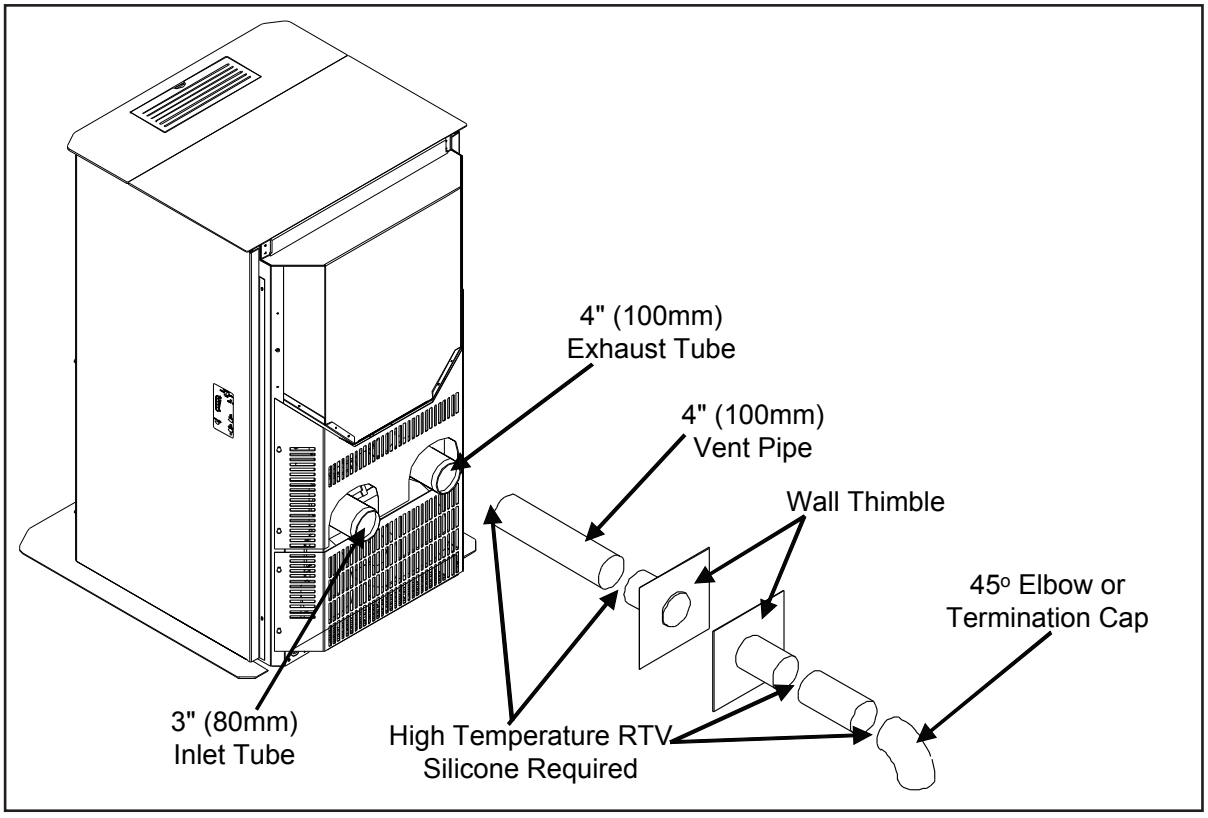


Figure 12: Straight through wall Installation.

8. The pipe must extend at least 12" (30 cm) away from the building. If necessary, bring another length of pipe to the outside of the home to connect to the first section. Do not forget to place high temperature silicone around the pipe that passes through the thimble.

9. Install a vertical pipe, or if all requirements for direct venting are met, install vent termination.The stainless steel cap termination manufactured by the vent manufacturer is recommended. However, when the vent terminates several feet above ground level and there are no trees, plants, etc. within several feet, a 45° elbow can be used as termination. The elbow must be turned down to prevent rain from entering.

NOTE:

- It is recommended that horizontal through wall installations have 3 to 5 feet (91 to 152 cm) of vertical pipe in the system to help naturally draft the unit in the event of extreme weather or a power outage.
- Some horizontal through wall installations may require a "T" and 3 to 5 feet (91 to 152 cm) of vertical pipe outside the building to help draft the unit. This may be required if a proper burn cannot be maintained, after the stove has been tested and the airflow set. This is due to the back pressure in the exhaust caused by airflow around the structure.
- Follow vent manufacturer guidelines for installation of venting. High temp Sealent must be used when connecting vent pipe to the unit's starter pipe. Improper seals at the vent joints may cause combustion by-products to leak into the room where installed - **seal as required.**

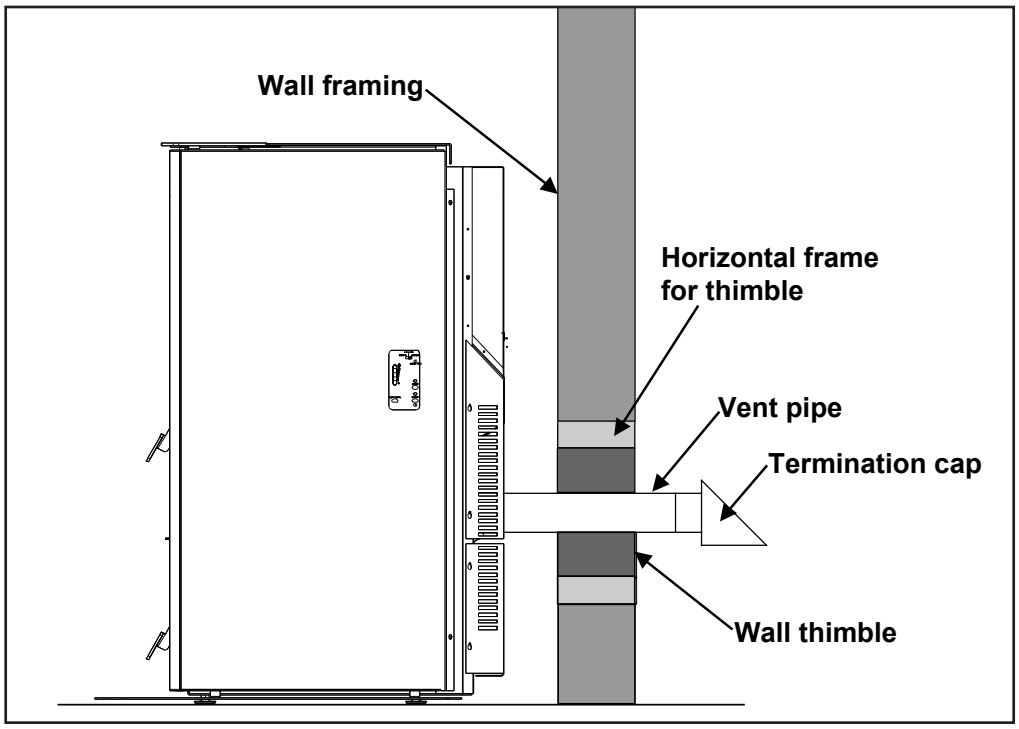


Figure 13: Straight through Wall Installation - Side View.

RECOMMENDED - THROUGH WALL WITH VERTICAL RISE AND HORIZONTAL TERMINATION INSTALLATION:

A 45° down elbow may be used in place of the termination cap (or stainless steel termination hood).

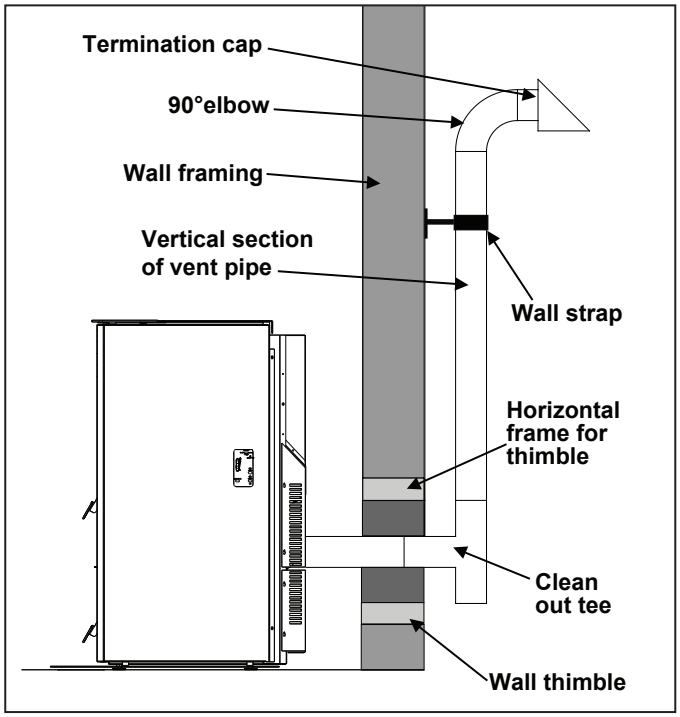


Figure 14: Venting horizontally with rise.

THROUGH CONCRETE WALL WITH VERTICAL RISE INSTALLATIONS:

Installation to use if there is a concrete or retaining wall in line with exhaust vent on pellet stove.

A 45° down elbow may be used in place of the termination cap (or stainless steel termination hood).

The termination must be 12 inches (30 cm) from the outside wall and 12 inches (30 cm) above the ground.

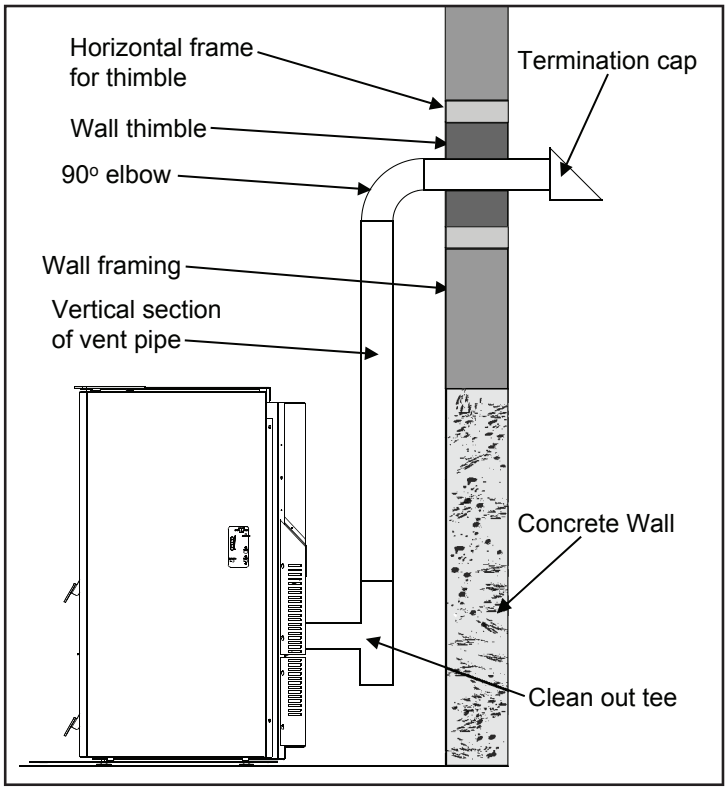


Figure 15: Venting with concrete wall behind unit .

Outside Vertical Installations:

To accomplish an outside vertical pipe installation, follow the "Horizontal Exhaust Through Wall Installations" section and then finish it by performing the following (refer to Figure 16).

1. Install a tee with clean out on the outside of the house.
2. Install PL vent upward from the tee. Make sure that you install support brackets to keep the vent straight and secure.
3. Install ceiling thimble and secure the flashing as you go through the roof.
4. Ensure that the rain cap is approximately 24" (61 cm) above the roof.

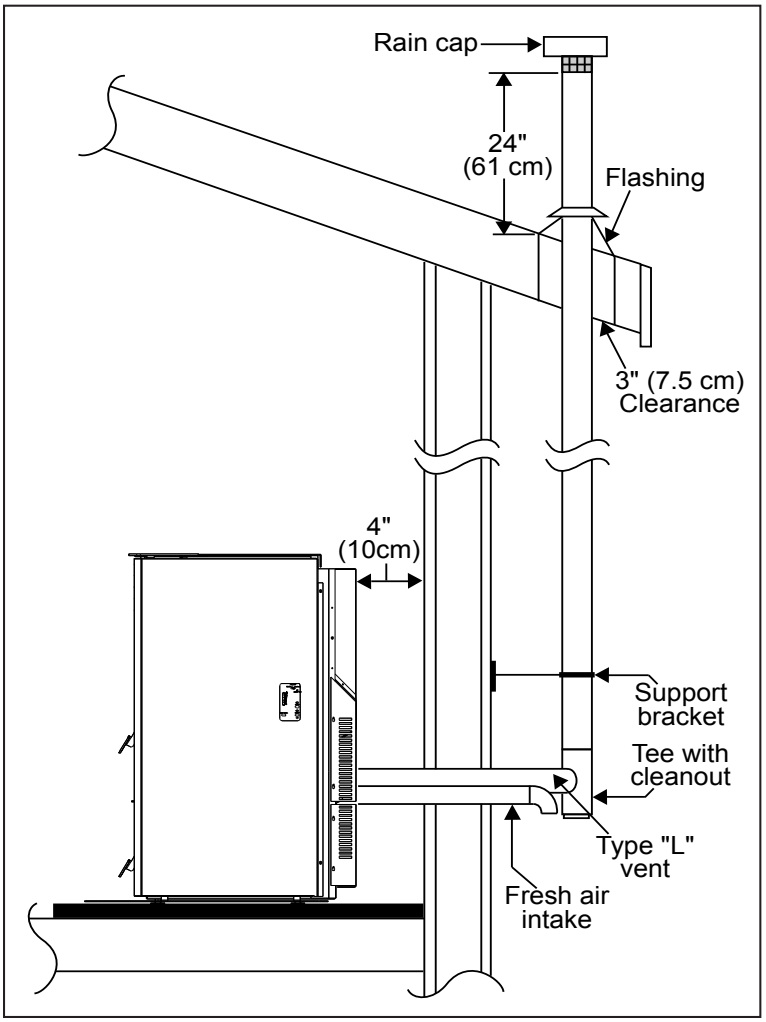


Figure 16: Outside Vertical Installation.

Inside Vertical Installations:

1. Place the unit on the hearth pad if a hearth pad is to be used (or on solid material if installed on a carpeted surface) and space the unit in a manner so when the pellet vent is installed vertically, it will be 3" (7.6 cm) away from a combustible wall.
2. Install the tee with clean out.
3. Install the pellet vent upward from there. When you reach the ceiling, make sure that the vent goes through the ceiling fire stop. Maintain a 3" (7.6 cm) distance to combustibles and keep attic insulation away from the vent pipe. Maintain an effective vapor barrier. Follow the Vent manufacturer's instructions.
4. Finally, extend the pellet vent to go through the roof flashing.
5. Ensure that the rain cap is approximately 24" (60 cm) above the roof.
6. Install the fresh air system.

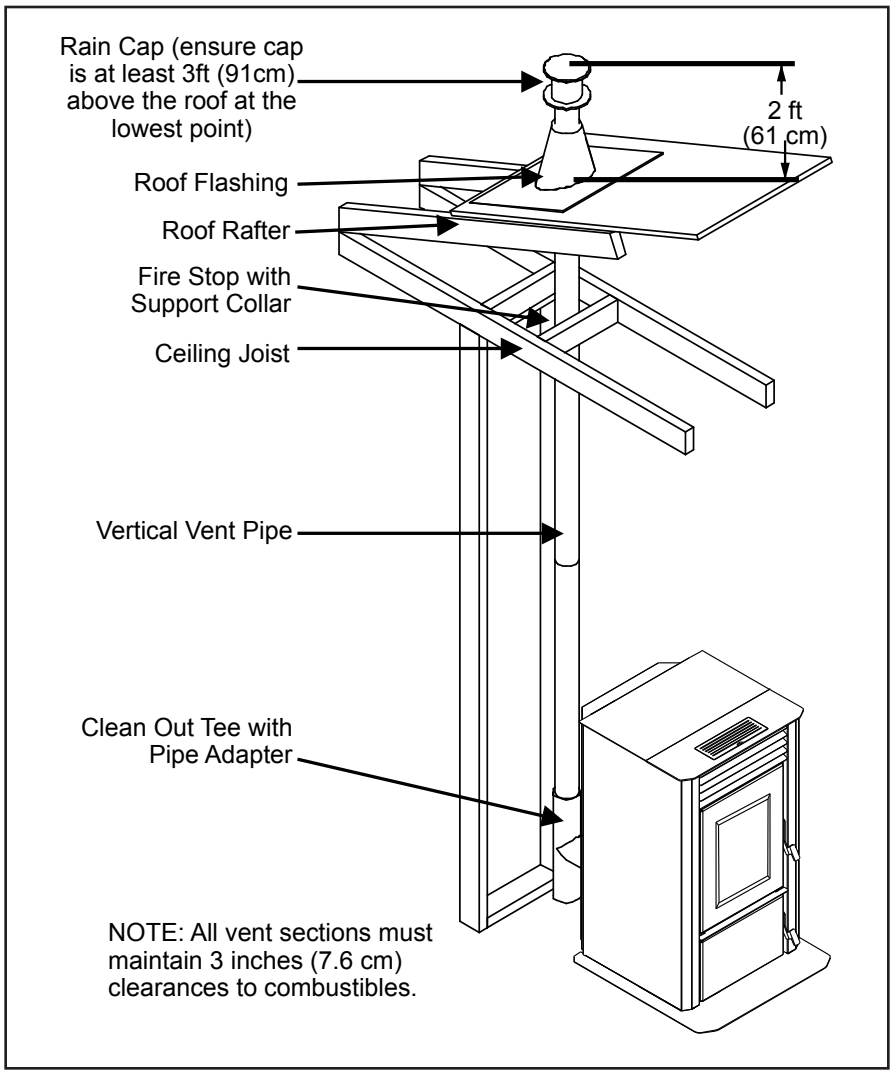


Figure 17: Inside Vertical Installation.

Hearth Mount Installation:

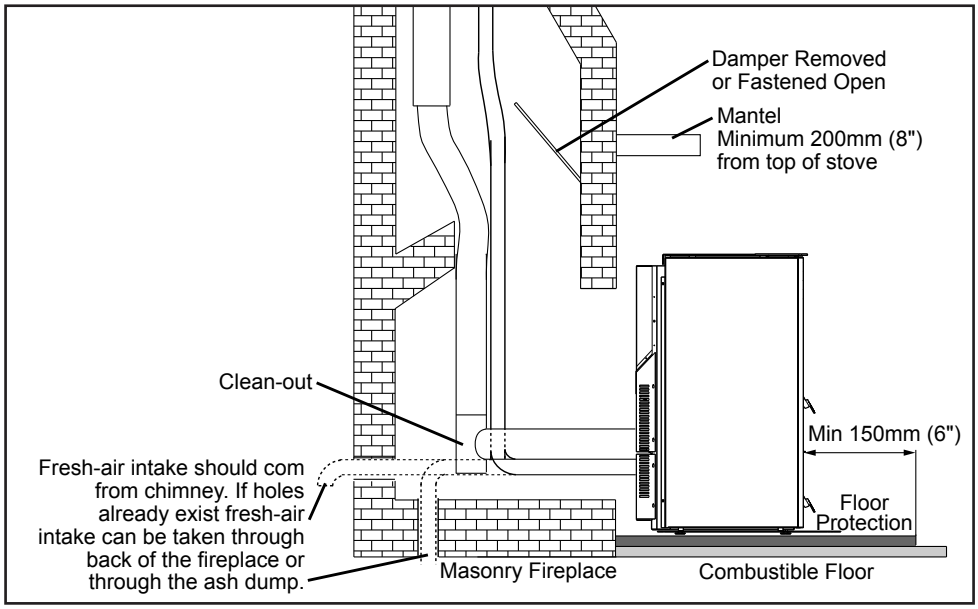


Figure 18: Hearth Mount - Side View.

1. Lock fireplace damper in the open position.
2. Install flexible stainless steel liner or listed pellet vent to the top of the chimney.
3. Install a sealing plate at the top of the chimney.
4. Connect a rain cap and flex adapter to the chimney liner/pipe.
5. Connect a clean-out tee or a 90° elbow to the liner/pipe.
6. Install tee onto stove.

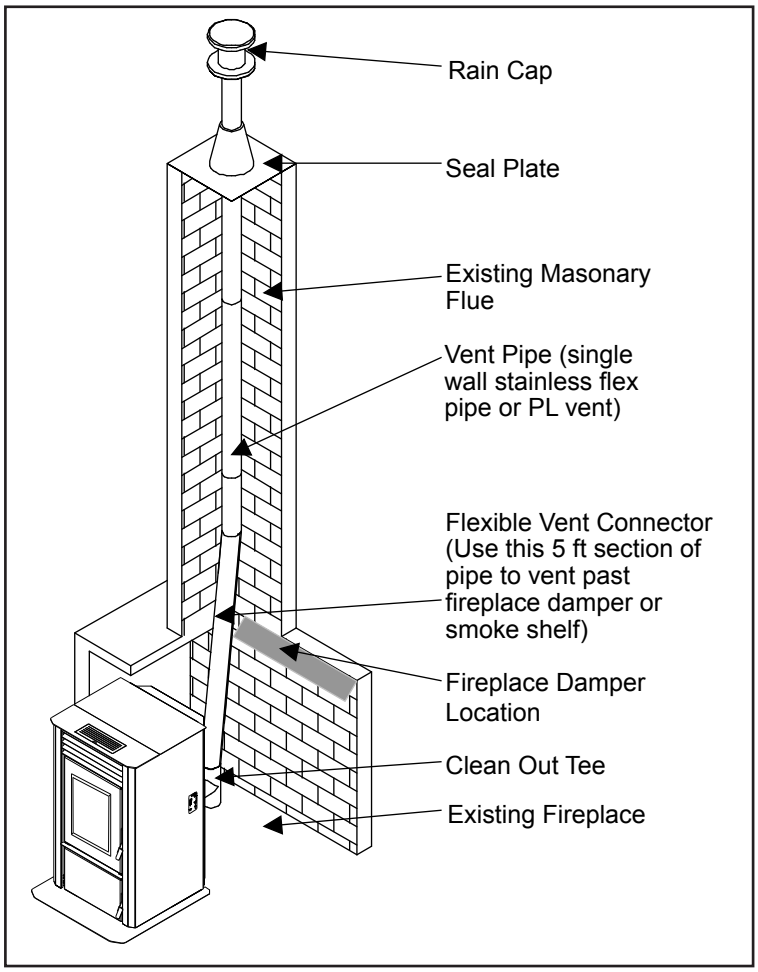


Figure 19: Hearth Mount - Over View.

Initial Slider/Damper Set-Up:

This is used to regulate the airflow through the pellet stove. The slider damper should be set by a trained technician using magnehelic.

1. To install the optional slider damper rod remove the left cabinet side panel. Partially back out the two (2) T-20 Torx screws on the back of the each panel and the two (2) located on the front inside edge below the louvers and ash shelf. Pull the panel forward then remove and locate the slider damper plate.
2. Install the 7/16" (11mm) nut onto the slider damper rod, thread it all the way onto the rod.
3. Slide rod through the hole in the slider damper plate and install the 7/16" (11mm) clinching nut onto the rod. Leave nut a little loose to help it line up when the cabinet is re-installed.
4. Re-install the cabinet side.
5. Mark the rod at either end of range in which the unit runs correctly and has a good flame pattern. Pull the rod out until the flame becomes a short, brisk flame, like a blowtorch; push the rod in a little and mark it. The next mark its the most important and is set with a magnehelic.

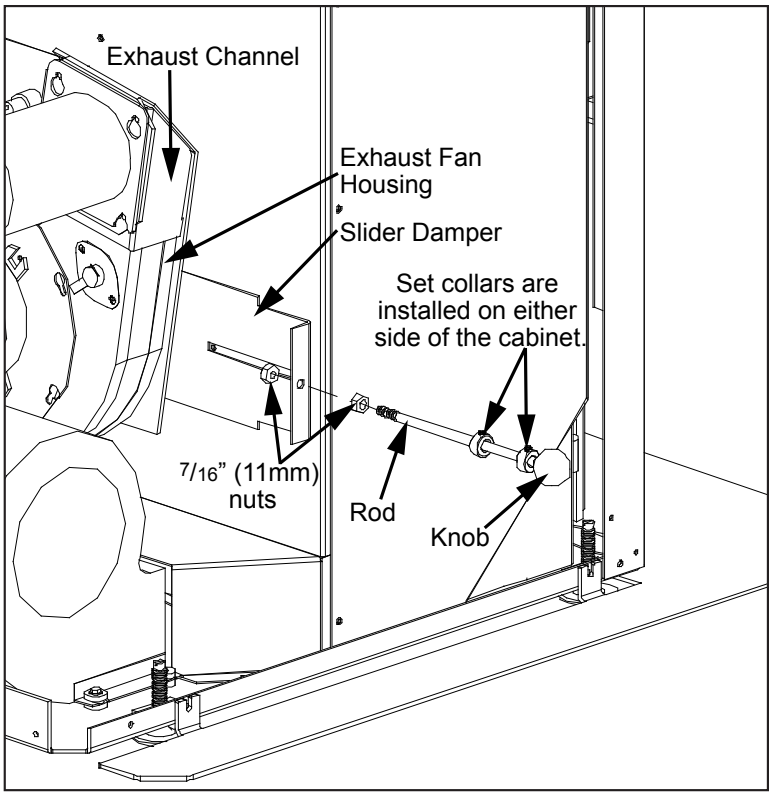


Figure 20: Slider/Damper Plate & Rod in Unit.

IMPORTANT: Taking a reading of vacuum pressure inside the firebox with a magnehelic gauge should be used to set the slider for best combustion. The slider damper should be set only on a hot stove (operating for thirty (30) minutes or more) by using a Magnahelic Pressure Gauge to measuring the pressure in the firebox. **The best settings are a reading of approximately 0.14 - 0.15 inches of water column (34.8 - 37.3 Pa) on the high fire setting. Some fuels may require higher or lower settings.** The reading can be taken from the ⅛" (3 mm) hole located on the front of the unit below the ash shelf on the right hand side.

Figure 21: Efficient Flame.

6. Remove the cabinet side
7. Install a set collar ½" (12mm) in from the inner mark from step #5
8. Re-install the cabinet side.
9. Install a set collar on the outside of the outer mark from step #5
10. Install the black knob on the end of the rod. Check slider damper for smooth operation.

Troubleshooting

DO NOT:

- Service the stove with wet hands. The stove is an electrical appliance, which may pose a shock hazard if handled improperly. Only qualified technicians should deal with possible internal electrical failures.
- Do not remove from the firebox any screws without penetrating oil lubrication.

WHAT TO DO IF:

1. The stove will not start.
2. The stove will not operate when hot.
3. The exhaust blower will not function normally.
4. Light # 3 on Heat output bar flashing.
5. Auger light flashes but auger motor does not turn at all
6. The 200 °F (93 °C) high limit temperature sensor has tripped.
7. The convection blower will not function normally.
8. Igniter- the pellets will not light.
9. Control settings (Heat Level) has no effect on the fire.
10. The stove keeps going out.

***NOTE: All troubleshooting procedures should be carried out by qualified technicians or installers.**

1. The stove will not start.

✓Make sure the stove is plugged in and the wall outlet is supplying power..

✓If the Control Board has been placed in the ON /OFF thermostat mode, then turn the thermostat up to call for heat.

✓Ensure the burn pot liner is correctly placed in the burn pot

✓Check the Heat Level Indicator. - If the # 3 light is flashing (unit may be out of fuel)

✓Check the Door and Ash Pan door - THEY MUST BE CLOSED TIGHT.

✓See section 8 "The pellets will not light".

✓Check the fuse on the circuit board.

✓If the unit still does not start, contact your local service dealer for service.

2. The stove will not operate when hot.

✓Check the Heat Level Indicator if a fire is not detected, or if the fire has gone out **the #3 light will flash** because the Exhaust Temperature Sensor's contacts have opened.

✓Check the hopper for fuel.

✓Incorrect air damper setting. - Excessive air may consume the fire too quickly before the next drop of fuel, leaving completely unburned fuel in the burn pot liner. - - Insufficient air may cause the vacuum switch to open or will cause build up, further restricting the air flow through the Burn Pot Liner. This in turn will cause the fuel to burn cold and very slowly. Fuel may build up and smother the fire. In this case clean the burn pot. **(NOTE: unit may require a change to the vent system or installation of fresh air to correct Air to Fuel ratio problems if unable to achieve proper damper setting).**

✓Combustion Blower failure. - The Combustion Blower is not turning fast enough to generate the proper vacuum in the fire box. Visual Check – is the blower motor turning. See section "3. The Exhaust Blower will not function normally."

26

✓Poor Quality Fuel – Insufficient energy in the fuel to produce enough heat to keep the stove burning

✓Exhaust Temperature Sensor failure. – Bypass sensor located on Exhaust Blower, if stove now operates properly, the unit may require cleaning or a new sensor. Contact your local dealer for service.

✓Check the fuse on the circuit board.

3. The exhaust motor will not function normally.

✓Open the access panels; check all connections against the wiring diagram.

✓Check the Exhaust Blower voltage across the blower motor wires (>=115V on #5 setting and >= 75V on #1 setting). – Replace the Circuit Board if the Voltage reading is less than 75 V. with a line voltage of >115 V AC..

✓Clean all exhaust passages and venting.

4. Light # 3 on Heat output bar flashing

(The Exhaust Temp. Switch contacts have opened.)

✓Stove ran out of fuel - check fuel level in the hopper

✓Severe negative pressure in area where unit is installed - Check the operation by opening a window, does this solve the problem? If it does, install fresh air intake to unit or room. Venting system may require vertical section to move termination into a low pressure zone.

✓See sections #2 "Stove will not operate when hot", #3 "The Exhaust motor will not function normally" and #5 "Auger light flashes....turn at all." for more suggestions.

✓**To reset Circuit Board after a trouble code - push the ON/OFF button**

5. Auger light flashes but auger motor does not turn at all.

✓Check the Door and Ash Pan door - THEY MUST BE CLOSED TIGHT.

✓If the Auger gear box does not turn but the motor's armature does try to spin, then the auger is jammed. – Try to break apart jam by poking at the jam through the drop tube. If this fails then empty the hopper and remove the Auger Cover **Remember to re-seal the cover after installation**

✓Auger stopped running. Pinch, break or blockage in Vacuum Hose - Check hose for pinch points or damage, replace or re-route as required. Blow out Vacuum Hose

✓Damage to wires between Circuit Board and Vacuum Switch and Auger Motor - Inspect wires and connectors

✓Vacuum Switch failure - Bypass the vacuum switch, if this corrects the problem check for above problems before replacing the Vacuum Switch.

✓Blocked exhaust / venting system - Have stove and venting cleaned and inspected.

✓Check Vacuum levels at the Vacuum Switch, with a Magnahelic Gauge (readings must be above .07" W.C. on low fire).

6. The 200 °F (93 °C) high limit temperature sensor has tripped.

✓Reset sensor and determine cause – was it Convection Blower failure or Circuit board control problems.

✓Check the fuse on the circuit board.

27

7. The convection blower will not function normally.

✓Clean all grill openings at the back and below unit .

✓Check the Voltage across the blower wires, It should adjust with the heat output settings. If not contact your local dealer for service.

8. Ignitor- the pellets will not light.

✓Everything else in the stove operates but the ignitor will not light the pellets.

✓Make sure the burn pot liner is up tight and square to the ignitor tube by pushing the burn pot back against the ignitor tube.

✓Check to see if the exhaust blower is operating. If not, contact your local dealer for service.

✓Check the fuse on the circuit board.

NOTE: The ignitor should be bright orange in color.

9. Control settings (Heat Level) has no effect on the fire.

✓NOTE: If the system light is flashing the Control Board has complete control of the unit. When the units system light becomes solid then control of the unit is given back to the operator.

✓Check position of the Thermostat slide switch on the Circuit Board.

✓If there is no control of the Heat Level button make sure the thermostat is calling for heat.

✓Call your local dealer for service.

10. The stove keeps going out.

If the stove goes out and leaves fresh unburned pellets or cigarette-like ashes in the burn pot liner, the fire is going out before the stove shuts off.

✓Check to see that the Slider / Damper is in the correct position.

✓Turn the Heat Level up slightly (poor quality pellets will require slightly higher settings).

✓Set the auger trim till the #1 and #5 lights are illuminated.

If the stove goes out and there are partially burned pellets left in the burn pot liner, the stove has shut down due to a lack of air, exhaust temperature, or power failure.

✓Adjust the Slider / Damper.

✓Check to see if the stove needs a more complete cleaning.

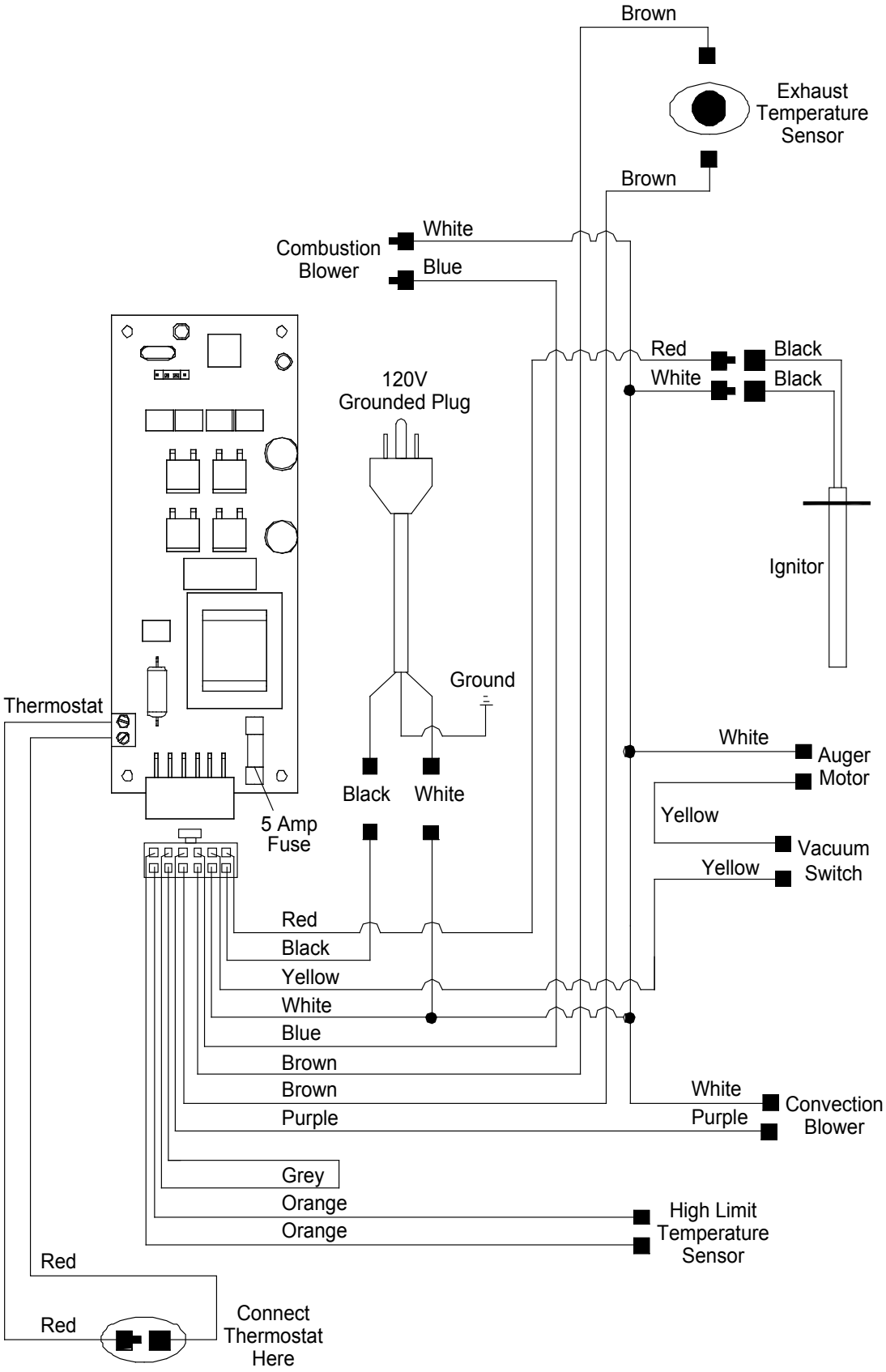
✓Turn the Heat Level up slightly (poor quality pellets will require slightly higher settings).

✓Did the power go out?

✓Contact your local Dealer for service.

28

Wiring Diagram



29

Parts List

Reference #	Description	Part #
1	120ºF (49ºC) Ceramic Fan Temp Sensor	EC-001
2	IEC Power Cord (115V)	EC-043
	Window Channel Tape - 6ft (1.8m)	EC-058
3	High Limit Temp Sensor 200ºF (93ºC) Manual Reset	EF-016
	Silicone Hose	EF-018
4	Slider Damper Rod with Knob	EF-050
5	Glass - Large (9" x 13" [229mm x 330mm])	EF-061
6	1" Knob	EF-068
7	Shoulder Bolt, Roller, & Nut (Set of 2)	EF-124
	Pellet Stove Cleaning Brush	EF-156
	Ash Pan Gasket - 10ft (3.0m)	EF-208
	Door Gasket ¾" Firm Round X 80" - 7ft (2.1m)	EF4i-056
8	Auger Brass Bushings (Set Of 2)	EF4i-065
9	IEC Power Cord Inlet Socket	50-713
10	Circuit Board 5 Amp Fuse 115V (Set of 2)	50-833
11	⅝" ID Auger Collar with Screw	50-968
13	Slider Damper Set Collar Kit	50-1068
14	Auger With Paddles	50-1161
	Burn Pot Scraper Tool	50-1254
15	Leveling Legs 1½" (Set of 4)	50-1342
16	Vacuum Switch Low Pressure	50-1390
	Auger Tube Cover	50-1410
17	4" Exhaust - Starter Tube Gasket	50-1913
	Control Panel Decal	50-1482
	Maxx Domestic Owners Manual	50-1531
	Maxx Domestic Technical Manual	50-1532
	600 Watts Backup System	50-1547
18	Auger Stops (Clear Rubber)	50-1559
20	Maxx Door - Large Glass	50-1632
21	Hopper Lid Hinge - Left	50-1633
22	Hopper Lid Hinge - Right	50-1634

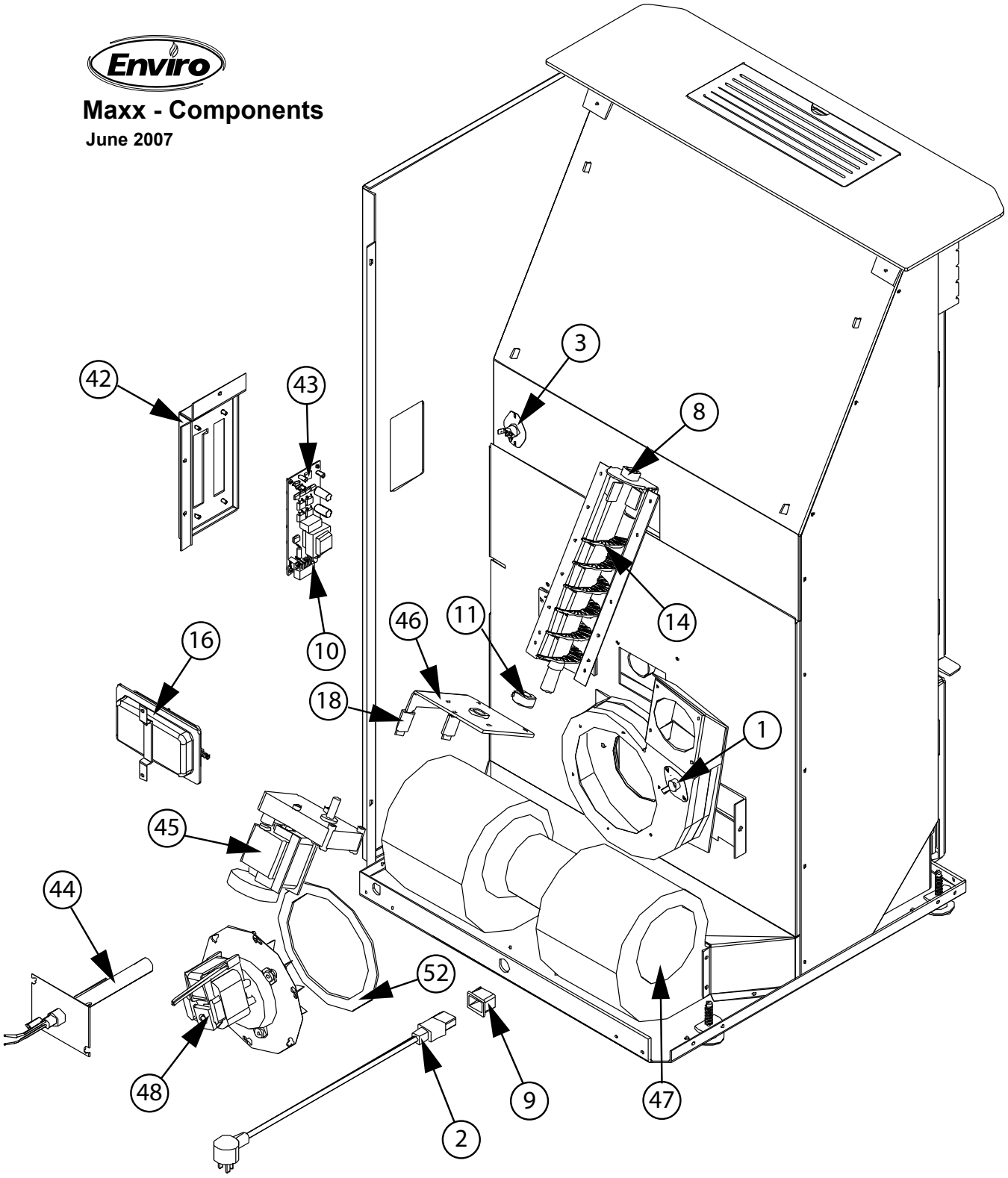
30

Parts List

Reference #	Description	Part #
23	Hopper Lid	50-1635
24	Trivet	50-1636
25	Top Front with Mount	50-1637
26	Heat Exchanger Rod	50-1638
27	Back Grill - Top	50-1639
28	Back Grill - Bottom	50-1640
29	Cabinet Side - Left	50-1641
30	Cabinet Side - Right	50-1642
31	Louver Assembly	50-1643
32	Slider Damper Plate	50-1644
33	Firebox Baffle	50-1645
34	Ash Pan	50-1646
35	Ash Pan Cover	50-1647
37	Glass Retainer - Large	50-1649
39	Inner Door - Large (No Glass)	50-1651
40	Door Handle - Upper	50-1652
41	Door Handle - Lower	50-1653
	Circuit Board Decal	50-1930
42	Control Panel with Decal	50-1931
43	Circuit Board with Thermostat Switch - 115V	50-1929
44	Ignitor Assembly	50-1656
45	Auger Motor - 3rpm 120V	50-1657
46	Auger Plate And Bushing (Assembly)	50-1658
47	Convection Blower	50-1659
48	Combustion Blower (Assembly)	50-1901
49	Burn Pot	50-1661
50	Burn Pot Liner	50-1662
51	4” Exhaust - Starter Tube with Flange; 5” Long	50-1914
52	Combustion Blower Motor Mounting Gasket	50-1664
53	Hearth Shield	50-1665
	Circuit Board Wiring Harness	50-1666

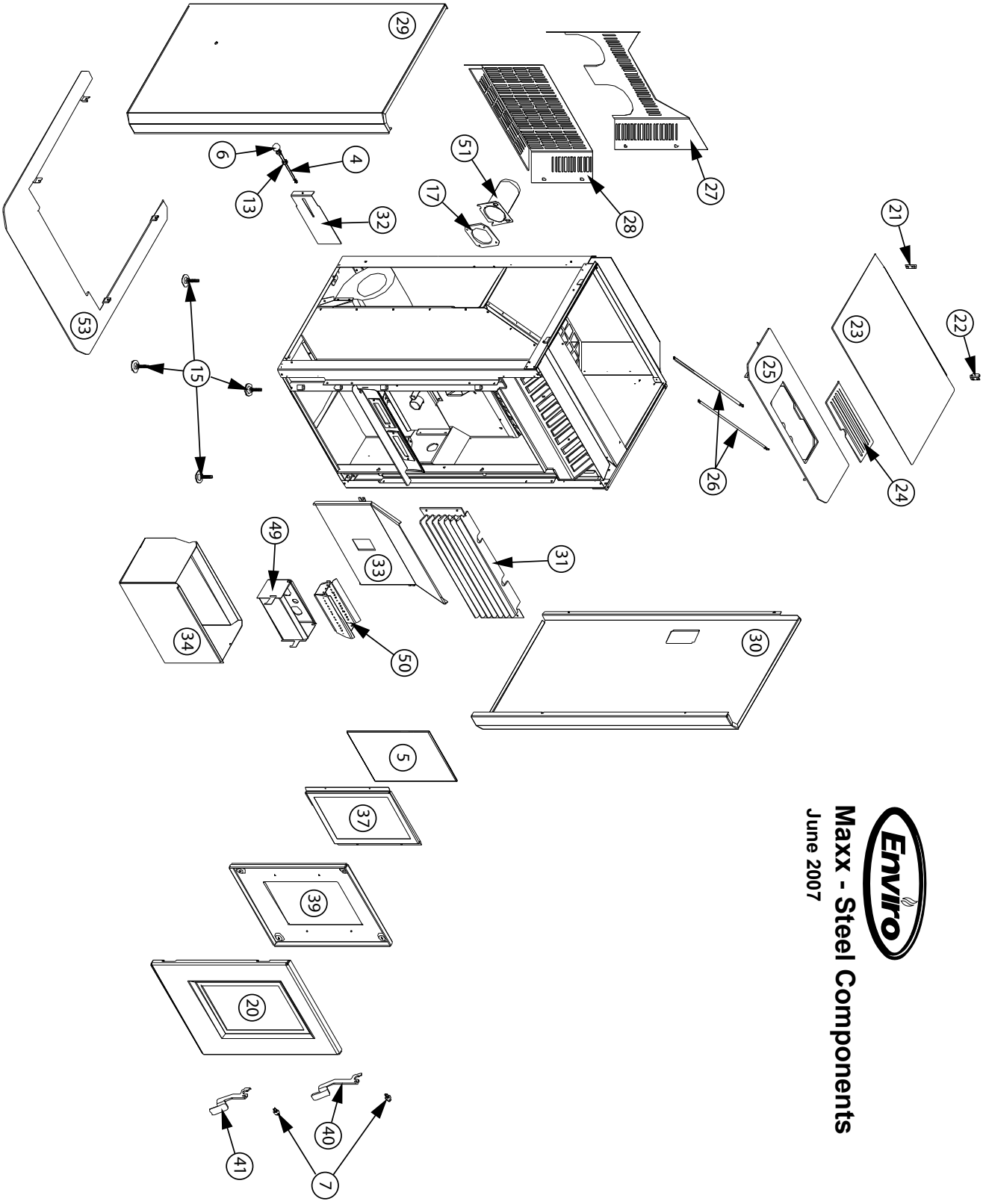
31

Parts Diagram - Components



32

Parts Diagram - Steel



Maxx - Steel Components

June 2007

33

Notes

Warranty for Enviro **Pellet** Products

Sherwood Industries Ltd. ("Sherwood") hereby warrants, subject to the terms and conditions herein set forth, this product against defects in material and workmanship during the specified warranty period starting from the date of original purchase at retail. In the event of a defect of material or workmanship during the specified warranty period, Sherwood reserves the right to make repairs or to assess the replacement of a defective product at Sherwood's factory. The shipping costs are to be paid by the consumer. All warranties by Sherwood are set forth herein and no claim shall be made against Sherwood on any oral warranty or representation.

Conditions

- A completed warranty registration must be submitted to Sherwood within 90 days of original purchase via the online warranty registration page or via the mail-in warranty registration card provided. Have the installer fill in the installation data sheet in the back of the manual for warranty and future reference.
- This warranty applies only to the original owner in the original location from date of install.
- The unit must have been properly installed by a qualified technician or installer, and must meet all local and national building code requirements.
- The warranty does not cover removal and re-installation costs.
- Sherwood Industries Ltd. reserves the right to make changes without notice.
- Sherwood Industries Ltd. and its employees or representatives will not assume any damages, either directly or indirectly caused by improper usage, operation, installation, servicing or maintenance of this appliance.
- A proof of original purchase must be provided by you or the dealer including serial number.
- This warranty is void if the unit is used to burn materials for which the unit is not certified by the EPA and void if not operated according to the Owner's Manual.

Exclusions

An expanded list of exclusions is available at www.enviro.com/help/warranty.html

This warranty does not cover:

- Damage as a result of improper usage or abuse.
- Damage caused from over-firing due to incorrect setup or tampering.
- Damage caused by incorrect installation.

To the Dealer

- Provide name, address and telephone number of purchaser and date of purchase.
- Provide date of purchase. Name of installer and dealer. Serial number of the appliance. Nature of complaint, defects or malfunction, description and part # of any parts replaced.
- Pictures or return of damaged or defective product may be required.

To the Distributor

- Sign and verify that work and information are correct.

Sherwood Industries Ltd.
6782 Oldfield Road, Victoria, BC . Canada V8M 2A3
Online warranty registration: www.enviro.com/warranty/

Category	One Year	Two Year	Limited Lifetime (7yr)
Parts [1] (unit serial number required)		✔	
Firebox Brick Panels (Cast)		✔	
Firebox			✔
Heat Exchanger			✔
Burn Pot			✔
Burn Pot Liner		✔	
Firebox Liner Panels w/Insulation			✔
Ceramic Glass [2]	✔		
Pedestal / Legs (excluding finish)			✔
Surround Panels (excluding finish)			✔
Exterior Panels (excluding finish)			Up to 5 years
Electrical Components		✔	
Steel Brick Liner (Metal)	✔		
Exterior Surface Finishing [3]	✔		
Labour	✔		

[1] Whereas warranty has expired, replacement parts will be warrantied for 90 days from part purchase date. Labour not included. Unit serial number required.

[2] Glass is covered for thermal breakage. Photos of box, inside of door, and unit serial # must be supplied for breakage due to shipping.

[3] Exterior Surface finishing covers Plating, Enamel or Paint and excludes colour changes, chipping, and fingerprints.

Gaskets not covered by Warranty.

Travel costs not included.

Cast Agitator: 1 year for pellet. Not covered when burning alternative fuels. (Cast agitators are a consumable item)

Installation Data Sheet

The following information must be recorded by the installer for warranty purposes and future reference.

NAME OF OWNER:

_____

ADDRESS:

_____

_____

_____

PHONE:_____

NAME OF DEALER:

_____

ADDRESS:

_____

_____

_____

PHONE:_____

MODEL:_____

SERIAL NUMBER:_____

DATE OF PURCHASE: _____ (dd/mm/yyyy)

DATE OF INSTALLATION:_____(dd/mm/yyyy)

MAGNEHELIC AT INSTALL:_____

INSTALLER'S SIGNATURE:

_____

NAME OF INSTALLER:

_____

ADDRESS:

_____

_____

_____

PHONE:_____

MANUFACTURED BY:
SHERWOOD INDUSTRIES LTD.
6782 OLDFIELD RD. SAANICHTON, BC, CANADA V8M 2A3
www.enviro.com
May 3, 2018
C-15414