

Earth Stove Pellet Stoves

PELLET STOVE OPERATION & MAINTENANCE TIPS

TO START-- Clean glass as needed with paper towel and woodstove glass cleaner. (Lay a piece of newspaper below the door to catch any debris.)

1. Fill hopper with pellets. (Pellets can be poured in from a pellet bucket in small quantities or the bag of pellets can be cut open right in the hopper to prevent spillage).
2. Turn up thermostat to DC
3. Pour 2 SCOOPS of pellets in to the burn pot (behind the large front log). It is not necessary to remove the logs.
4. Light the pellets in the burn pot with a torch or lighting material.
5. Close the door (check settings, feed low and draft fan low).
6. Flip switch on panel to on position--check to see red light go on.
7. after the pellets start to burn (2-3 m push start button on control panel).
8. Adjust thermostat to desired temperature after waiting 10-20 minutes for the fire to get established.
9. Turn on the room air circulating fan with the dial control on the panel. Turn to low speed to avoid having it cycle on and off. If it does cycle on and off, you can turn the speed up as desired.

To STOP- Flip the switch on the panel to the off position.

KEEPING THE GLASS DOOR CLEAN--Adjustment of the logs and the draft inducer fan damper flap can change flame path and keep soot on the door to a minimum. Flame directed at the glass may increase soot build up. To clean the glass door; A. Lay a piece of newspaper below the door B. Wipe the door with a paper towel C. Spray some woodstove glass cleaning fluid on the glass D. Wipe the soot off with a paper towel.

HOPPER EXTENSIONS CAN EXTEND BURN TIMES TO THREE DAYS UNATTENDED. If you would like to increase the hopper size you can add a hopper extension to any one of the Natural Fire models. This will allow you to load pellets only once every two or three days instead of daily.

MAINTENANCE

- 1) As ashes build up in the burn pot, the flame will change its shape and the door will soot over much faster. Remove ashes by sweeping the burn pot with an Earth Stone Burn Pot cleaning tool or a stick from side to side.
- 2) When the ashes build up in the firebox you can remove them by; A) Remove the logs B) Remove the burn pot by first removing the screws on the top of the burn pot (it lifts out by hand) then lifting the whole burn pot up and out C) Remove the ashes with a scoop or a shop vacuum D) Reassemble burn pot and logs.

3) Inspect the Heat Exchange Tubes (above the logs) regularly to monitor soot build up. When these tubes get heavily coated with soot (1/16 inch or more) they gradually lose their efficiency. Clean these tubes with a bottle brush to keep your stove at its highest efficiency.

4) POWER OUTAGES

During a power outage you can continue to get heat from your pellet stove by using a 500 watt or larger generator. These very small generators can be operated outdoors with an extension cord running into the house to your stove and possibly TV, radio, lights and refrigerator, depending on the generators capacity.

5) If your power goes out and then the stove will not start back up after the power comes back on, you will need to push the manual reset button (check your manual for its reset location).

6) If you find that your stove is putting out more than you need, even though the thermostat is turned down, you can reduce the heat output on the low setting. This is done by filling in the cup at the bottom of the hopper, up to 50 percent, with silicon caulk. Apply the caulk after cleaning all of the pellets and dust out, then let the caulk dry for at least one day. The caulk can be removed later, with a knife, if desired.

7) We have found that the following accessories make pellet burning even more convenient. You might consider purchasing these for your pellet stove: Propane torch, fire starters, pellet scoop, glass cleaner, pellet bucket (coal scuttle), brass polish, hopper extension allow a 100lb. (2 bags) capacity, setback thermostats TP40 warning shelves.
