

QUICK START GUIDE

FOR THE ENDURANCE 50F



Fahrenheit
TECHNOLOGIES INC
www.fahrenheittech.com

STARTING

1 Make sure the Endurance has been properly installed and plugged into a standard 115V outlet.

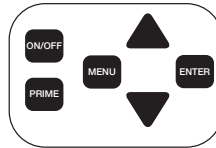
2 Fill the Fuel Hopper

- Make sure the Endurance hopper has adequate fuel, filled to near the top, and the lid is closed. The lid must be closed for the feed auger to operate.
- Confirm the ash pan is secured and the fire chamber door is closed.



3 Prime the Unit

Press and hold the Prime button until the auger is fully 'primed' and your fuel (corn, pellets, etc.) begins to feed into the burn pot. This may take 2-3 minutes. *(This step is not necessary if the auger is filled with fuel from previous operation).*



4 Verify the Settings

The LCD Control Panel will display the MENU of default settings. To change a setting, use the UP and DOWN arrows to select the menu item, then ENTER to select the options, etc.

5 Press the ON/OFF Button To Start

Once the settings are correct for your fuel type etc., push the ON/OFF Button for approx. 1 second. The unit will automatically run through several different processes. The LCD screen will display what process is running:

Current Settings

Fuel: 10-P Pellet
Control: Manual
Ignition: Auto
Blower: 800 CFM
Auger Trim: 3
Draft Trim: 3

Self Cleaning in Progress

Igniting LEVEL 3

Fuel Type: 10-P Pellet

VAC FLAME AUGER

Stabilizing LEVEL 3

Fuel Type: 10-P Pellet

VAC FLAME AUGER

Running LEVEL 3

Fuel Type: 10-P Pellet

VAC FLAME AUGER

TO CHANGE SETTINGS

To change a setting, such as Fuel Type, use the UP and DOWN arrows to select the menu item. Then press ENTER to select the option. See the screen example below for changing the Fuel Type.

Press MENU to begin to change the Fuel Type setting.

Fuel Type

- High Ash
- L Wheat
- Wheat
- HM Corn
- Corn
- LM Corn
- Cherry Pit
- LG Pellet
- S Pellet
- P Pellet

Press UP and DOWN arrows to select 5 - Corn.

Fuel Type

- High Ash
- L Wheat
- Wheat
- HM Corn
- Corn**
- LM Corn
- Cherry Pit
- LG Pellet
- S Pellet
- P Pellet

Press ENTER to selection that option.

Fuel Type

- High Ash
- L Wheat
- Wheat
- HM Corn
- Corn**
- LM Corn
- Cherry Pit
- LG Pellet
- S Pellet
- P Pellet

SHUTTING DOWN

Push the ON/OFF button to power down.

This process requires approximately 5 hours.

CAUTION: The Endurance requires adequate time to cool after powering down.

MAINTENANCE GUIDE

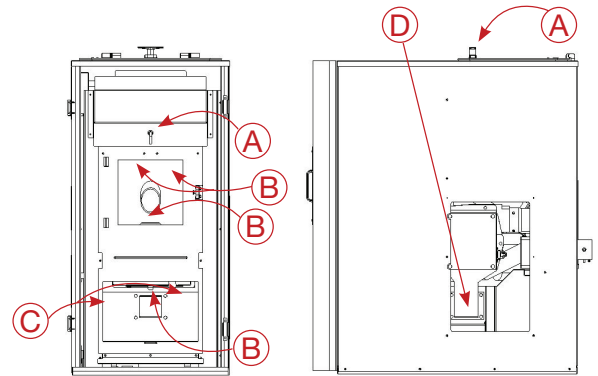
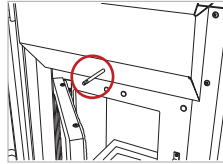
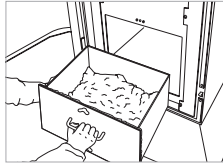
CLEANING AND MAINTAINING YOUR ENDURANCE



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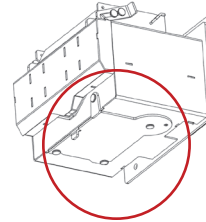
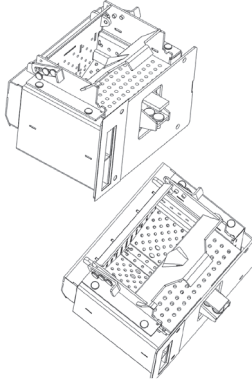
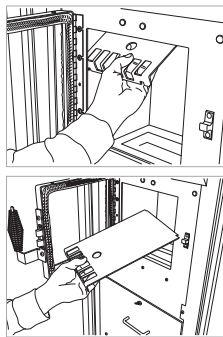
A Daily – as required

1. Check hopper for fuel (keep hands free of rotating auger)
2. Check ash pan. Empty if necessary.
3. Scrap heat exchanger tubes when emptying ash pan.



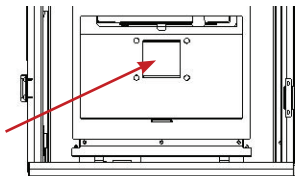
B Biweekly

1. Shutdown unit and allow adequate time to cool.
2. Remove and clean the upper baffles.
3. Clean holes in pot with wire brush.
4. Open Trap Door to allow built up ashes to escape pot assembly by rotating Trap Door Hold-Up tab. Slide ashpan just out far enough to access tab so ashes will fall into pan. Caution — Ashes may be hot.



C Monthly

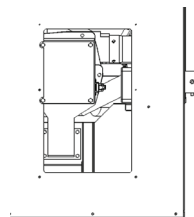
1. Inspect exhaust vent assembly and clean as necessary.



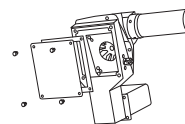
D Bimonthly

1. Remove combustion blower assembly. Remove motor from flange assembly and clean flange. Clean fan blades of exhaust motor.

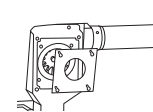
Remove maintenance cover



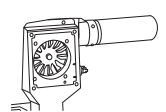
Remove cover



Remove blade cover



Clean blades of motor



E Annually

1. Remove and clean Pot Assembly (See Manual). Apply light oil to prevent rusting.
2. Open both doors and coat combustion area with oil.
3. Grease Actuator slides.
4. Clean exhaust system inside and out.
5. Remove combustion blower assembly and clean fan blades.
6. Vacuum mechanical area to remove dust and debris.
7. Check all gaskets.
8. Ensure fuel is removed from hopper and auger at the end of the heating season.