



Spring Appliance Shutdown Bulletin

MagnuM and Country Flame Product

American Energy Systems Inc. is providing you with a list of items that need to be completed for the spring and summer months:

- ✓ Run the unit on a higher setting for at least 2 – 4 hours. Making sure to use the heat exchanger rake multiple times and move cleanout slides and damper controls.
- ✓ Unplug the unit and secure the cord/surge protector so it will not get damaged.
- ✓ Take all fuel out of the hopper, firebox area, ash pan, and firepot area.
- ✓ Vacuum the hopper, inside back of appliance, ash pan area, heat exchangers.
- ✓ Inspect and clean the firepot, ash pan (also underneath both), clean out plugs/slides, heat exchanger areas, brick board, auger system, entire burn chamber, and inside of the unit/cabinet.
- ✓ Inspect and clean the exhaust blower, gear motors and room air fan.
- ✓ Inspect all gaskets (replace or adjust if necessary).
- ✓ Inspect and clean all venting (inside and outside). AES recommends taking the venting apart, clean the fly-ash out, rinse it with a water hose and let dry. Make sure all chimney connections, elbows and fittings are airtight. Re-seal if necessary.
- ✓ Clean the glass, doors and outer cabinet, touch up any rusted areas.
- ✓ Spray a light coat of oil on all bare or moving surfaces to help prevent rusting. Includes: – auger and auger housing, everything inside the burn chamber, ash pan, clean outs, fuel stirrer shaft and bearings and the hopper area. (Pam cooking spray or fogging oil works great for this. AES does not recommend using WD-40.)
- ✓ Fuel left over from the season before must be stored correctly so it does not take on any moisture. The best is to burn it up in the stove, give it to the local wildlife or dispose of it properly.

Following is a list of items that need to be checked.

- Inspect the unit for proper operation.
- Sand and repaint any rusty areas.
- Check all motors, switches, bearings for rust, dirt and poor connections.
- Vacuum all motor windings to clean up dust, etc.
- Lubricate – spray a light coat of vegetable oil on bare surfaces, chain, sprockets, etc. to prevent rust.
- Electrical Connections - if rusty - buff connections with steel wool or a scratch pad, make sure all connections are clean and tight. Replace if necessary.
- Wire Harness Tie Bases – If you see the tie bases coming loose, replace them.
In 2007 AES incorporated a different way of securing the wire harness. Reference the following Technical Bulletin:
 - ❖ T-0008 Tech B, Replacing Tie Bases
- Gaskets - make sure they have not shrunk. Adjust or replace if necessary.
- Paint - touch up any nicks or scratches as needed.