



## **AES Technical Bulletin** **Plugged Venting**

Venting getting plugged or a buildup of black sooty type material is a serious issue and must be corrected immediately. Venting must be checked on a regular basis and if the venting gets plugged or if you are getting a lot of black soot outside of the home, contact your service technician to determine what is causing this to happen.

Following are a few items that will cause excessive buildup in the venting:

(Poor Quality Fuel)



(Plugged Exhaust Fan)



(Plugged Clean Out)



- Wet and/or dirty fuel
  - Make sure your fuel is under 15% moisture and cleaned.
- Improperly maintained unit
  - Follow the guidelines stated in the owner's manual.
- Improperly operated unit
  - If you are having trouble learning how to operate the unit contact your local dealer for instruction.
- Improperly installed unit
  - Placement of the unit, venting configuration, combustion air configuration and balancing of the home air environment is important. Incomplete combustion which causes excessive ash and buildup in the venting will occur if the unit is not installed correctly.
- Outside combustion air not hooked to the appliance
  - Negative pressure and poor air quality exists in more than 80 percent of homes today. This will seriously affect the operation of the appliance and cause excessive buildup in the venting.
- Make up air to the home is inadequate or does not exist
  - Balancing the home to provide adequate fresh air will allow the appliance to operate and burn clean. It is important that you have this checked when installing a solid fuel appliance.
- Venting is not insulated properly (exposed to outside elements)
  - Venting must be protected from the elements. Check with your local dealer to assure that your venting is properly installed.