



AES Technical Bulletin

Room Air Fan Failure

Product models covered: All models of Biomass/Corn/Wood Pellet MagnuM & Country Flame appliances.

Topic: This technical bulletin will be addressing why the room air fan could fail at the start of the heating season, what may happen and how repairs are handled so that normal operation of the unit can be resumed.

Cause:

- The unit was not serviced in the spring and the room fan cleaned of dirt, pet hair, etc. Over the summer the motor can be ruined by dirt, pet hair, etc. which can lodge in the motor windings.
- The appliance was hit with a voltage surge in the summer months. This is normally found when the unit does not have the required surge protector installed and the unit has not been unplugged for the summer as suggested in the manual.
- Dirty fuel is being loaded into the hopper when the unit is running and the dust plugs the motor windings. Always use clean, dry quality fuel in your stove.
- The biggest culprit for taking out a room fan is pet hair. The leading cause is cat hair being pulled in through the vents of the unit and plugging the fan. Extra maintenance should apply when a pet is in the home.

Always follow the recommendation in the owner's manual for proper maintenance. Proper maintenance will allow your appliance to burn efficiently and will remain trouble free. Contact your local MagnuM dealer or service technician for instructions if you are having trouble operating your stove.

