

Technical Bulletin

Fuel Quality, Importance for Auger System

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

Topic: This technical bulletin will address fuel quality and how it directly affects the auger system, some information behind the auger system in the biomass stove line.

The auger clearance to the housing was established by the engineers of the auger company to make sure that proper auguring and consistency of the fuel burn would be established. The clearance is designed to shear most objects off rather than cause undue wear and fatigue to the auger motor system. The larger the gap/clearance between the auger and auger housing causes more fuel to get bound up in the auger system. This can cause the gears to shear on the auger motor or cause premature failure.

It is important that good quality fuel be placed in your unit so that you will get a controlled, efficient, and constant supply of fuel for the stove. Dirty fuel will produce poor results. Poor fuel quality can be thin stalks that get caught in the auger, wet and dirty corn, etc. When you purchase dirty fuel you are actually paying more for your fuel because you are throwing away weight that is calculated as fuel when it is really is just garbage, unusable fuel.

Contact your local dealer to get assistance in finding good clean/dry fuel for your Magnum or Country Flame appliance.

