Premium Coffee Fuel Pellets

Background

Spent coffee grounds are a byproduct of the brewing process that delivers that delicious cup of coffee. Coffee Grounds are one of the earth's largest sources of organic waste. The Grounds are a unique organic material because of their high heating value and natural oil content. Until recently, this abundant and valuable resource was typically disposed of in landfills across the United States. Using innovative technology, Sustainable Resources Group is nowleading the challenge of upcycling organic residuals. Our coffee grounds are sourced directly from internationally recognized manufacturers of soluble coffee and are byproducts of the production of instant coffee.

Coffee Grounds vs. Wood

Coffee is one of the largest commodities that is found in every part of the world. The virgin material is highly sought after, but after the coffee is brewed, the Grounds are normally discarded as waste. SRG reclaims and processes the Grounds, a renewable resource, that would otherwise be disposed of in landfills. By shifting demand from wood pellets to coffee pellets, we are ultimately contributing to saving our forests and utilizing an otherwise wasted natural resource.

IT'S NOT A HARD DECISION to switch fuels as coffee beats all competitor's pellets in heat value and ash content. Most importantly, it is price competitive!

JavaFlame™ has 35% more heating value than hardwood and 80% less ash than wood pellet standards. That means it provides longer heating time and less clean-up!

Pellets	Hardwood Pellets	Java Flame™
Heat Value (BTU/lb)	8,100	11,170
Moisture Content (%)	< 8.0%	3.0% - 5.0%
Ash Content (%)	< 1.0%	< 0.2%
Density (lbs/cf)	40 – 48	> 39
PDI (%)	< 96.5	< 96.5
Material	Hardwood	Coffee

Pellet Tests

The pellets can be used for pellet blends, or by themselves. Use with all pellet and biomass boilers. The table below showsthe results from a 2-lb pellet burn test, our analyses, and the ones advertised by the competitors.

Pellet Comparisons

Brand	Blend	Heat Value (BTU/lb)	Ash Content (%)	Time At Set Temp. (h:mm:ss)	Total Time (h:mm:ss)
Noncredited Competitor	Hardwood	8,100	< 1.0%	0:46:40	1:02:04
PFI Credited Competitor	Hardwood	8,100	< 1.0%	0:49:53	1:05:55
JavaFlame™	Coffee Grounds	11,170	< 0.2%	1:16:57	1:28:33
JavaFlame™ vs. Competitors		38%	80%	59%	38%

All Temperatures were set at 450 degrees Fahrenheit

Made in the U.S.A.