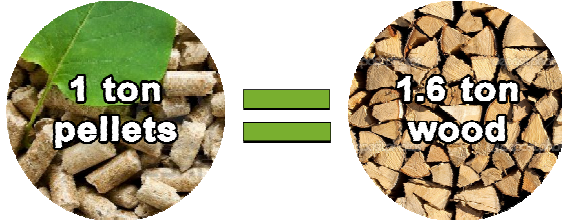


THE ADVANTAGES OF FUEL WOOD PELLETS (PELLETS)

1. High Efficiency

By burning 1 ton of this material induces the production of the same amount of energy as the burning of 1.6 tons of conventional wood.



2. Easy Transportation and Storage

Don't need special conditions for stowage or transport. Even after prolonged storage of the pellets will not deteriorate or lose its excellent performance.

3. High Environmental Friendliness

4. Safety of Using Wood Pellets

They are not explosive and do not ignite at elevated temperatures.

Technical characteristics of fuel pellets:

- Material: Aspen
- Diameter – 6 mm
- Length of pellets from 3,15 to 40 mm
- Heat of combustion – more than 16,5 MJ/kg
- Moisture – not more than 10.0 %
- Ash content – not more than 0.7 %
- Bulk density – more than 600 kg/m³

Bulk weight : 15 kg

Quantity per pallet : 65 packages

The shelf life of pellets is not limited,
with relative humidity not exceeding 75%

Firing of the pellets

To kindle the pellets should be similar to manual kindling of any solid fuel. The best way is to use a special fluid for ignition, but without them, the pellets burn well. If you have decided to use the fuel, it is necessary to water them with the pellets, wait for some time until the liquid is absorbed, and set on fire.

Use of wood pellets

After the wood pellets will kindle, to catch fire steady flame, you can start adjusting the air supply. This gives you the opportunity to increase the capacity of the boiler. If you want long lasting economical combustion of pellets, you should limit the access of oxygen. If you want fast heating, ensure the supply of a large amount of oxygen. Air supply is the only valid way of adjusting the operation of the boiler or furnace.

Extinguishing

Put out unburned pellets is possible only with the use of a large volume of water. And pour the smoldering pellets thoroughly, as the process of decay can last from 2 to 12 hours. Be careful and attentive!



Measures of precaution

Do not put in the furnace a very large number of briquettes, it is better not more than half of the sawdust burner.

Be extremely careful and cautious, do not use not intended for ignition of a liquid, especially such substances as gasoline, acetone, etc. Upon ignition of their vapors is the formation of a blast wave that has a compression wave on the equipment.