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High efficiency modern pellet stove for warm cooking



Principle of combustion model of biomass semi gasification furnace:

Combustion principle: two times burning, will be the first wood burning, also produce soot combustion supporting device, in stallation, above the dust in the fume sufficient oxygen, combustibile gas (C, CO, H₂CH₄, full combustion of gaseous carbon), to achieve the effect of smokeless and dustless, and achieve environmental protection, efficiency.

Combustion mode: direct combustion, gasification and combustion (produces no tar)

Ignition: ignition, reverse burning type (convenient and simple)

The two burners and furnace core adopts special fire-resistant, high temperature resistant materials, ensure the service life of the stove (the normal service life of 10 years or more)

High quality steel, beautiful appearance.

The diversification of sources of raw materials:

In order to forestry waste, all kinds of straw (corn straw, cotton stalk, rice straw, wheat straw, peanut shell, rice husk and oth er) pressure block, corn cob, sawdust press block, coal etc..

Six characteristics of biomass stove:

- 1, high efficiency and energy saving: save 60-70% than ordinary stove, the heat efficiency is higher than 45% (Beijing city standard is 35%)
- 2, environmental health: semi gasification furnace exhaust emissions of carbon monoxide concentration index: average of 0.06%; sulfur dioxide emissions of soot, the average concentration of 5mg/m³; the average concentration of less than 29mg/m³; Ringelmann Blackness: less than 1. (national discharge standards: carbon monoxide average concentration of less than 0.2 %; the average concentration of sulfur dioxide is less than 50mg/m³; the dust emission concentration less than the average 5 0m easy to use: a plus fuel 2 kg, can burn 70-120 minutes.
- 4, there is no waste: ash is gray and white, delicate, is an ideal natural fertilizer.
- 5, value for money price
- 6, using advanced sealing design, the use of absolute security

Model-20

Model	Power	Heating area	Size	Weight
20	5.5KW	70 sq.m.	600*600*600MM	41KG

A-80

Model	Power	Heating area	Size	Weight
A-80	8KW	80 sq.m.	440*340*500MM	43KG

B2

Model	Power	Heating area	Size	Weight
B2	6KW	80 sq.m.	750*500*550MM	31KG

Model-50

Model	Power	Heating area	Size	Weight
50	15KW	150 sq.m.	780*780*800MM	140KG

Model-20

Model	Power	Heating area	Size	Weight
20	8KW	120 sq.m.	540*400*560MM	90KG

Model-3.0

Model	Power	Heating area	Size	Weight
3.0	4.5KW	30 sq.m.	470*470*580MM	40KG

Model-4.5

Model	Power	Heating area	Size	Weight
4.5	7.5KW	100 sq.m.	880*458*550MM	80KG

Model-200

Model	Power	Heating area	Size	Weight
200	23.4	200 sq.m.	700*330*630MM	135KG

