



Kuniokoa Cookstove Product Specifications

Stove Manufacturer	BURN
Stove Model	Kuniokoa
Stove Type	Natural draft, Side-Feed Semi-Gasifier Stove

Materials

Stove Body	CRCA Carbon Steel 0.6mm painted high gloss black epoxy powder coat
Pot Rest	Stainless Steel 349 0.6mm
Burning Chamber	Stainless Steel 304 1.5mm
Fuel Feeding Door	Stainless Steel 0.6mm
Stick Shelf	CRCA 4.5mm diameter wire
Legs	Aluzinc 0.7mm

Measurements

Height	cm	80.5 cm
Diameter (stove top)	cm	282 cm
Fuel Feeding Door Opening	cm	106 cm
Weight	kg	3.76 kg
Fuel Chamber Volume	cm ³	144.3 cm ³

Fuels

Fuelwood	Coconut Husks
Twigs	Corncoobs
Briquettes (non-carbonized)	Other Bulky Biomass

Stove Performance

Parameter	Kuniokoa*	Cambodia Baseline**	The Kuniokoa Cookstove...
High Power Thermal Efficiency (%)	40.44%	27.2%	is 39% more efficient
High Power PM Emissions (g/Min)	124.51	1036	produces 157% less particulate matter
High Power CO Emissions (g/MJd)	1.85	4.9	produces 90% less carbon monoxide

*Testing conducted by of Washington Clean Cookstove Lab (UWCCL) in March 2017.

**Testing conducted by G-BEL Laboratory in Phnom Penh, Cambodia in 2014.