

3G Small Cookstove Product Specifications

Stove Manufacturer	Solar Serve (Vietnam)
Stove Model	3G Small
Stove Type	Natural draft, Side-Feed Semi-Gasifier Stove

Materials

Stove Body	Galvanized Steel 0.5mm with rust preventive paint
Pot Rest	Stainless Steel 201 1.0mm
Burning Chamber	Stainless Steel 304 0.8mm
Fuel Feeding Door	Steel Sheet 1.5mm
Stick Shelf	Zinc 0.4mm diameter
Legs	Zinc 3.0mm

Measurements

Height	cm	25
Diameter (stove top)	cm	25
Fuel Feeding Door	cm	9.5 x 7
Weight	kg	2
Fuel Chamber Volume	cm ³	~3,600

Fuels

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

Stove Performance

Parameter	3G Small*	Cambodia Baseline**	The Prime Cookstove...
High Power Thermal Efficiency (%)	32%	27.2%	is 18% more efficient
High Power PM Emissions (g/Min)	107	1036	produces 90% less particulate matter
High Power CO Emissions (g/MJd)	5.1	4.9	produces 4% more carbon monoxide

**Testing conducted by RENMI Laboratory in Vientiane, Laos in March 2016.

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