

20-Liter (5 Gallon) Self-Feeding Biomass Cookstove

Based on InStove's class-leading 60 and 100-Liter institutional rocket stoves, the 20-Liter stove is a hybrid between traditional household and institutional size designs. Its balance of portability and capacity makes it ideal for small institutions and communities, mobile kitchens and emergency situations, or as a companion to one of our larger models.

The 20-Liter stove includes a patent-pending self-feed firebox, which can hold enough fuel to burn for up to an hour with no tending or refueling. Stainless steel¹ construction provides an extended lifespan and protection from the elements, and each stove comes with a removable chimney, ash tray, folding fuel chute, and stainless steel or aluminum pot and lid.

The stove is also designed to work with All-American brand pressure cooker/canners and medical sterilizers with 15 to 30 quart capacities.

Attributes

- **Fast** – Boils 10 liters of water in 25 minutes; runs one pressure cooker cycle in 20 minutes.
- **Efficient** – Thermal efficiency of over 40% when used with pots provided.
- **Convenient** – Self-feeding design allows for **1 hour of runtime** with no user interference.
- **Clean** – Produces **no visible smoke** and very low emissions compared to open fires. Integral chimney directs emissions away from users.
- **Multi-function** – Compatible with All-American® model 915, 921, 925, and 930 pressure cooker/canners, and model 1915X and 1925X medical sterilizers (sold separately).
- **Durable** – Designed to run for **5+ years of daily use**.
- **Safe** – Sides remain **safe to the touch** while in operation and the stove is resistant to tipping.
- **Portable** – Comes with integral carrying handles and is designed to fit as standard size/weight **checked luggage on an airliner**.



¹ Combustion chamber is 310 high-temperature stainless steel. All other parts and rivets are 304 stainless steel, with the exception of the chimney, handles, and external threaded fasteners, which are galvanized steel or otherwise coated for corrosion resistance.

20-Liter Self-Feeding Cookstove

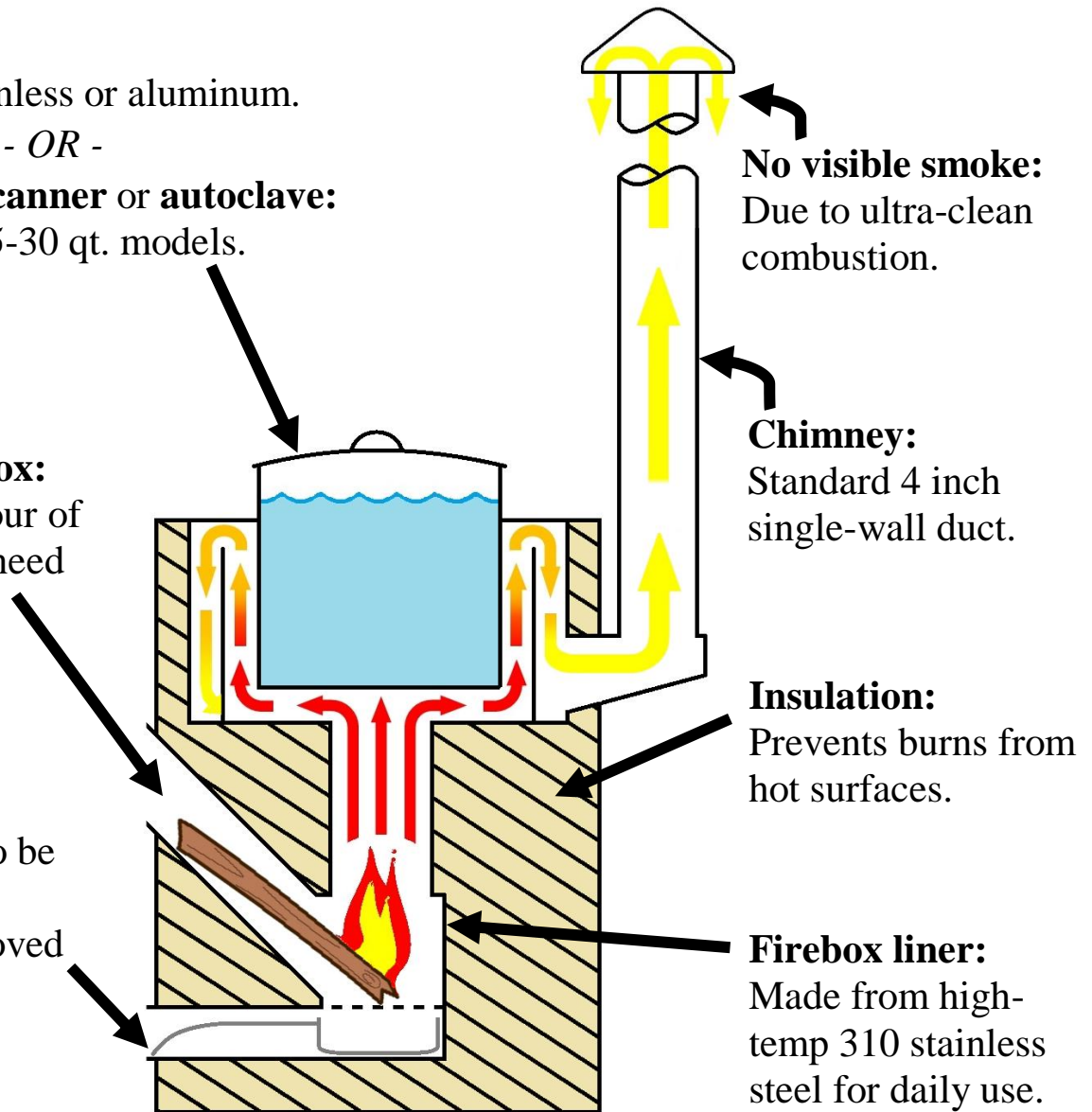
How it Works:

20-Liter pot: Stainless or aluminum.
- OR -

Pressure cooker/canner or autoclave:
All-American® 15-30 qt. models.

Self-feeding firebox:
Burns up to one hour of stick fuel with no need for tending.

Ash tray: Can also be used for easy fire starting when removed from the stove.



Specifications and Pricing

Stove Dimensions

Weight	54 lb. / 24 kg
Stove body diameter	18.25 in. / 46.4 cm
Stove body height	23.5 in. / 59.7 cm
Height with chimney	84 in. / 213 cm

Shipping Information

Boxed weight (airliner-friendly)²	49 lb / 22 kg
Box dimensions (airliner-friendly)²	19 x 19 x 24 in. (48 x 48 x 61 cm)
Boxed weight (standard)	63 lb / 29 kg
Box dimensions (standard)	19 x 19 x 30 in. (48 x 48 x 79 cm)

Pricing

20L stove with aluminum pot and lid	\$575.00
20L stove with stainless steel pot and lid	\$595.00

Note: All weights shown with aluminum pot. Stainless steel pot adds 5 lb. (2.3 kg). Stove weighs 44 lb. (20 kg) without pot.

2. Pot must be packed separately for stove to fit as standard size/weight checked luggage. This package contains only the stove.