

Justa stove construction guide

Benefits of the Justa Stove

- Eliminate smoke from your home and lungs
- Increase the space to cook on a Just Stove
- Use less firewood
- Help preserve the environment
- Cooking food and boiling water is fast
- Great for making tortillas

Requirements

To have a stove, you have to:



Currently use an open wood fire for preparing food for your family.



Agree to permanently eliminate your open fire after building your Justa Stove.



Complete training with our staff and agree to complete the maintenance program.



StoveTeam International WILL NOT BUILD a Justa Stove for customers who want to install their stove in the following places:

- Homes under construction
- Houses with worn out roofs
- Houses for rent or uninhabited
- Houses with wooden floors
- In warehouses
- In corridors of the home
- Near outdoor sinks or drains
- Homes in the process of being sold
- Homes that don't meet supervisor's requirements

Remember, smoke is bad for your health!

Cooking over an open fire can produce smoke equivalent to 400 cigarettes per hour. Exposure causes respiratory infections, eye damage, heart and lung disease, and cancer. Women and children are the most affected.

Materials Contribution



45 bricks measuring 7cm high x 12cm wide x 24cm long

This number may vary based on available local bricks. Bricks can be new or used.



1 bag of cement



36 shovels or a cart of sifted river sand



1 small milk can, empty with plastic lid, 350 to 400 grams



1 construction helper (no experience required)



5 gallon bucket of ash, sifted and dry



Ladder

Measurements for the base of the Just Stove

StoveTeam International will not build a Just Stove for beneficiaries who want to install their stove in the following places and / or conditions:

- On bases with inadequate structures (wood or metal with wheels)
- On bases that do not have the requested measurements.

The base must be built 2 to 3 days before building the Justa Stove. This can be made of adobes, stones, blocks or bricks, depending on the economic capacity of the family, space in the kitchen and the availability of materials in the community.

On average, the height of a base is 56 centimeters, but it must be increased or decreased according to the height of the person who will use the stove. Remember that the height of the stove is 31 centimeters, so the height of the final structure (base plus stove) will be 87 centimeters.

The most commonly used measures for the base are:

Height: 56 cm

Width: 76 cm

Length: 140 cm

Base materials (any are fine)



Adobes



Hollow blocks



Solid blocks

Important Notes:

- It is important that the base is level to build the stove.
- The space between the end of the base and the wall must be a minimum of 76 centimeters only where the logs are inserted.
- If there is a dishwasher or kitchen cabinet that makes it difficult to remove the soot from the fireplace, the space to sweep through the can should be at least 43 cm.