

10 Advantages

Health



1. Reduces indoor smoke pollution, which cause 1.6 million deaths every year
2. Cleans water: Water-borne diseases kill 10 million people every year
3. Reduces spinal cord injuries from carrying firewood

Nutrition



4. Cooks at low temperatures, preserving important vitamins

Safety



5. Reduces attacks from animals, rape and landmine injuries while fetching firewood
6. Reduces fire hazards

Economy



7. Lowers the cost of energy - the sun provides free fuel
8. Reduces time waste from fetching firewood and allows kids to attend school

Environment



9. Helps stop deforestation, loss of topsoil and land slides
10. Reduces CO2 emissions

Materials

- Made from extruded PP sheeting
- Non-toxic, recyclable and weatherproof



CO₂ emissions in manufacturing are about 3kg, while it can save more than 500kg of CO₂ per year. Households can expect to save about half their emissions and energy use.

Transportation



- Flat packed size: 70cm x 110cm x 5cm
- Weight: 3kg
- 1350 units fit in one 20' container

Assembly



- Tool-less assembly in seconds
- Instructions are printed on the top lid



KYOTOTM Box

The modern cooking solution



The low-cost, robust and ultra practical solar oven

An elegant solution

Cooking represents up to 90% of household energy in developing countries. Cooking causes about half of the deforestation, and with increasing populations and declining forests quick solutions must be found. Kyoto Box won the Financial Times Climate Change Challenge in 2009 as the most elegant solution to one of our biggest problems.



How to use

Clean and Heat Water
Keep water in the oven for constant supply of hot and pasteurized water. Save time in preparing tea and food

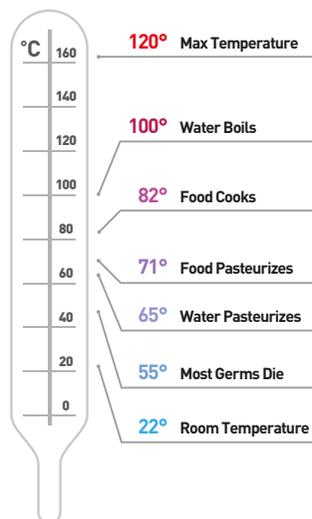


Phillip the solar chef

Boil and bake
Kyoto Box is an oven which can boil and bake - prepare most staple dishes such as rice and stews



Delicious Nachos on a San Francisco roof terrace

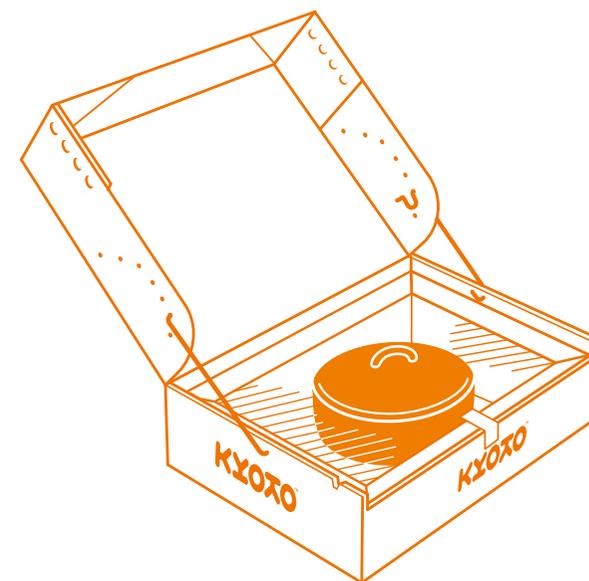


The low temperature is beneficial to the nutrient content of the food as the vitamins are not destroyed by excessive heat. It uses about twice the time to cook as normal stoves, but has the advantage of requiring no wood fuel, no effort - and produces no smoke.

Kyoto Energy Ltd.

Kyoto Energy Ltd. is a Nairobi-based developer of novel energy- and water solutions for the developing world. We aim to help achieve the Millennium Development Goals and Kyoto Protocol through creating innovative tools. **Free is the Sun!**

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