

Transform your life



 **ecozoom**

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is a social enterprise and certified B Corp that offers a variety of ecological products designed to transform lives.

We believe all people should have access to beautifully designed products that will improve their health, income and environment.

wood stoves

A variety of stoves to fit your project's and country's needs.
Same combustion efficiency - different prices and durability.

Zoom Relief - Designed for use in IDP and refugee camps;
low cost, low profile and low fuel need. 1-2 year life.

Example Project: Relief International distributed over 20,000 Zoom Relief stoves in Somalia to lessen deforestation around the camps and help prevent gender-based violence for women and girls gathering fuel.

Project Video: http://www.youtube.com/watch?feature=player_embedded&v=ReFoL39EKfA



Zoom Stove - Our original wood stove. High combustion efficiency, middle in cost and durability. 2-3 year life.

Example Project: The Zoom Stove has been the stove of choice for projects in South Africa and Vanuatu. These projects needed a quality product but also needed to sell at a lower price point than is possible with the Zoom Dura.

Project Video: none available at this time.



Zoom Dura - Named for its durability, this is our longest-lasting, most aspirational, and most popular cookstove. 5 year life.

Example Project: This stove is the choice of projects using carbon credits in Rwanda and Nigeria because of its long life. Program Rwanda will distribute over 600,000 of them by the end of 2015.

Project Video: <http://player.vimeo.com/video/55004012?title=0&>



Zoom Relief

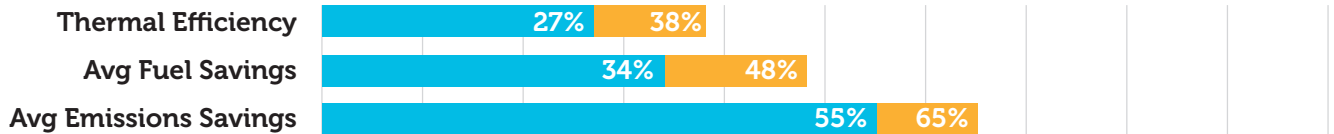
Wood/Biomass Cookstove

- **Combustion Chamber** abrasion resistant, lightweight ceramic
- **Stovetop** three-pronged cast iron
- **Stick Support** steel
- **Body** sheet metal with heat resistant paint
- **Bottom** cement
- **Handle** plastic and steel
- **Pot Skirt** adjustable galvanized steel (optional)



Efficiency

■ Without Skirt ■ With Skirt



5-Liter Water Boiling Test

Conducted by Aprovecho Research Center

| | Open Fire | Zoom Relief w/o skirt | Zoom Relief w/skirt |
|----------------|-----------|-----------------------|---------------------|
| CO Emissions | 65g | 20g | 20g |
| PM Emissions | 1674mg | 783mg | 642mg |
| Energy to Cook | 21.8MJ | 13.7MJ | 10.7MJ |
| Fuel to Cook | 1253g | 830g | 651g |
| Time to Boil | 38 mins | 28 mins | 25 mins |

Shipping Specifications

Shipping Weight

8.3kg/unit

Box Dimensions

(h)29cm x (w)30cm
Hexagonal

20' Container Qty

1,344 units

40' Container Qty

2,744 units

Zoom Stove

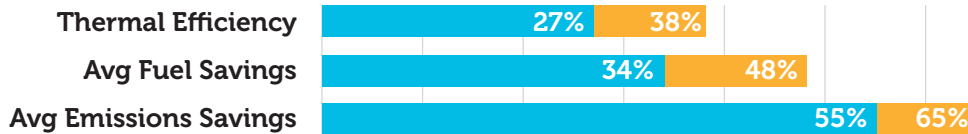
Wood/Biomass Cookstove

- **Combustion Chamber** abrasion resistant, lightweight ceramic
- **Stovetop** three-pronged cast iron
- **Stick Support** with coordinating installation sockets
- **Body** painted sheet metal with reinforced door
- **Bottom** cement
- **Handle** plastic and steel
- **Pot Skirt** adjustable galvanized steel (optional)



Efficiency

Without Skirt With Skirt



5-Liter Water Boiling Test

Conducted by Aprovecho Research Center

| | Open Fire | Zoom Stove w/o skirt | Zoom Stove w/skirt |
|----------------|-----------|----------------------|--------------------|
| CO Emissions | 65g | 20g | 20g |
| PM Emissions | 1674mg | 783mg | 642mg |
| Energy to Cook | 21.8MJ | 13.7MJ | 10.7MJ |
| Fuel to Cook | 1253g | 830g | 651g |
| Time to Boil | 38 mins | 28 mins | 25 mins |

Shipping Specifications

Shipping Weight

8.6kg/unit

Box Dimensions

(h)31.5cm x (w)30.5cm
Hexagonal

20' Container Qty

1,344 units

40' Container Qty

2,744 units

Zoom Dura

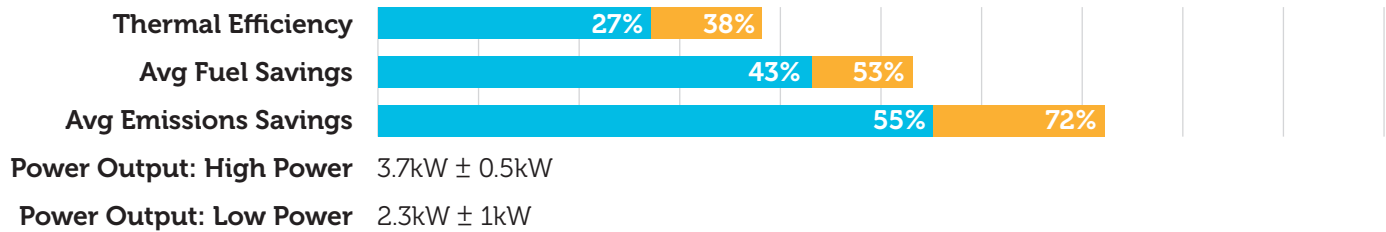
Wood/Biomass Cookstove (24cm)

- **Combustion Chamber** refractory metal
- **Insulation** abrasion resistant, lightweight ceramic
- **Stovetop** three-pronged universal cast iron
- **Stick Support** with coordinating installation sockets
- **Body** painted sheet metal with reinforced doorframe
- **Bottom Tile** kiln-fired with metal lining
- **Handles** stainless steel and silicone
- **Pot Skirt** adjustable galvanized steel (optional)



Efficiency

Without Skirt With Skirt



5-Liter Water Boiling Test

Conducted by Aprovecho Research Center

| | Open Fire | Zoom Dura w/o skirt | Zoom Dura w/skirt |
|----------------|-----------|---------------------|-------------------|
| CO Emissions | 65g | 17g | 17g |
| PM Emissions | 1674mg | 726mg | 615mg |
| Energy to Cook | 21.8MJ | 13.7MJ | 11.3MJ |
| Fuel to Cook | 1253g | 712g | 586g |
| Time to Boil | 38 mins | 28 mins | 21 mins |

Shipping Specifications

Shipping Weight

8kg/unit

Box Dimensions

(h)26cm • (w)26cm

20' Container Qty

1,120 units

40' Container Qty

2,624 units

charcoal stoves

Designed for areas where women spend a large amount of their monthly income on charcoal. These durable and aspirational stoves have a 2-6 month payback period.

Zoom Jet - The first charcoal stove to use both radiation and convection heat. The Zoom Jet comes in green and stays green throughout its 2-5 year life.

Example Project: Ecozoom first introduced the Jet into Kenya after a year of piloting and redesigning it with cooks. Now Ecozoom Kenya has taken up sales in urban slums and peri-urban areas.

Project Video: <http://www.youtube.com/watch?v=r1qWr3fohQU>



Zoom Jet Economy - This stove offers almost the same qualities as the Zoom Jet, only it is a more compact version, at a lower price.



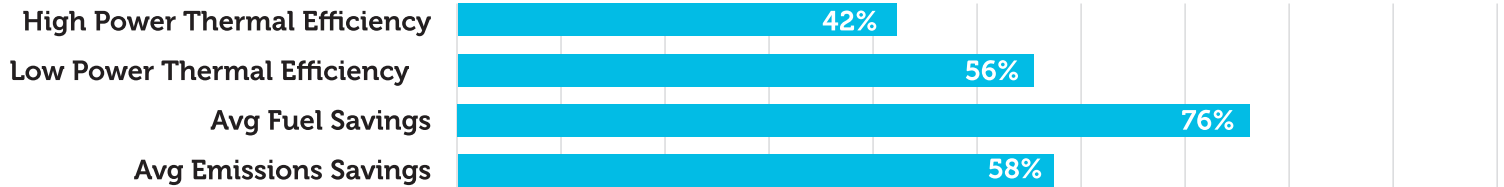
Jiko Bora

Charcoal Cookstove (28cm)

- **Combustion Chamber** refractory metal
- **Insulation** lightweight ceramic and high temperature thermal insulation
- **Stovetop** three-pronged universal cast iron
- **Body** painted sheet metal with reinforced door
- **Handles** steel and silicone
- **Door** metal with silicone grip on latch
- **Feet** non-slip rubber



Efficiency



5-Liter Water Boiling Test

Conducted by University of Nairobi

| | Open Fire | Charcoal Jiko | Jiko Bora |
|----------------|-----------|---------------|-----------|
| CO Emissions | 65g | 102g | 44g |
| Energy to Cook | 21.8MJ | 19.1MJ | 4.6MJ |
| Fuel to Cook | 1253g | 613g | 145g |
| Time to Boil | 38 mins | 19 mins | 15 mins* |

Shipping Specifications

| Shipping Weight | Box Dimensions | 20' Container Qty | 40' Container Qty |
|-----------------|-------------------|-------------------|-------------------|
| 8kg/unit | (h)30cm • (w)30cm | 1,330 units | 2,730 units |

*Results from field tests show boiling and cooking times to be 20% faster than a typical charcoal jiko.

Jiko Fresh

Charcoal Cookstove (26cm)

- **Combustion Chamber** refractory metal
- **Insulation** lightweight ceramic and high temperature thermal insulation
- **Stovetop** three-pronged universal cast iron
- **Body** painted sheet metal with reinforced door
- **Handles** steel and silicone
- **Door** metal with silicone grip on latch
- **Feet** non-slip rubber



Efficiency



5-Liter Water Boiling Test

Conducted by Hesbon

| | Open Fire | Charcoal Jiko | Jiko Fresh |
|----------------|-----------|---------------|------------|
| CO Emissions | 65ppm | 102ppm | 45ppm |
| Energy to Cook | 21.8MJ | 19.1MJ | 4.3MJ |
| Fuel to Cook | 1253g | 613g | 176g |
| Time to Boil | 38 mins | 19 mins | 15 mins* |

Shipping Specifications

| Shipping Weight | Box Dimensions | 20' Container Qty | 40' Container Qty |
|---------------------------|-----------------------------------|-------------------|-------------------|
| 5kg (stove) • 0.5kg (box) | (h)28.5cm • (w)27.5cm • (l)27.5cm | 1760 units | 4128 units |

*Results from field tests show boiling and cooking times to be 20% faster than a typical charcoal jiko.

flex fuel stoves

Stoves that can burn wood or charcoal. Designed for areas where fuel switching is common or a more high-tech look is desired by the market.

Zoom Versa- Efficient, versatile and durable.
3-5 year life.

Example Project: This stove is very popular in South Africa. Restio Energy selected it to sell in its retail shops because of its durability and advanced look.

Project Video: <http://www.youtube.com/watch?v=Rwoer79p2MI>



Zoom Plancha- Double burner plancha stove with removable tops for direct access to the flame.
3-5 year life.

Example Project: The Zoom Plancha was originally designed for Mexico. In coordination with the Mexican government, EcoZoom Mexico has distributed over 22,000 of them to rural households.

Project Video: <http://www.youtube.com/watch?v=OphHLOblpJ8>



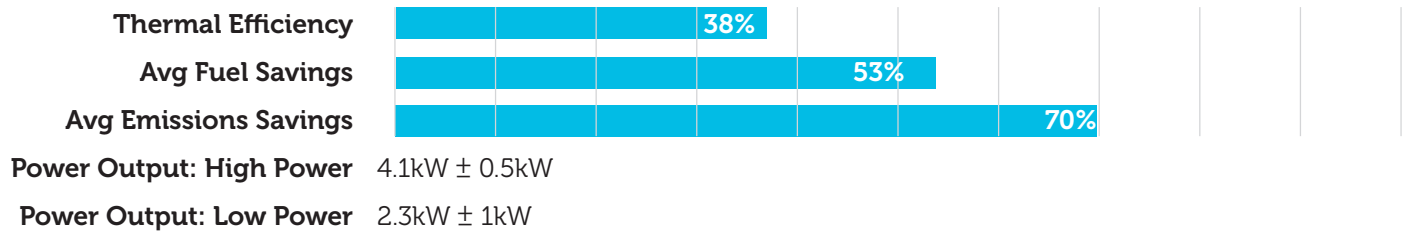
Zoom Versa

Wood/Charcoal Cookstove (24cm)

- **Combustion Chamber** refractory metal
- **Insulation** lightweight ceramic fiber
- **Stovetop** three-pronged universal cast iron
- **Stick Support** steel
- **Body** painted sheet metal with reinforced door
- **Bottom Tile** kiln-fired
- **Handles** stainless steel and silicone
- **Pot Skirt** adjustable galvanized steel (optional)



Efficiency



5-Liter Water Boiling Test

Conducted by Aprovecho Research Center

| | Open Fire | Zoom Versa w/o skirt | Zoom Versa w/skirt |
|----------------|-----------|----------------------|--------------------|
| CO Emissions | 65g | 17g | 13g |
| PM Emissions | 1674mg | 1207mg | 654mg |
| Energy to Cook | 21.8MJ | 13.2MJ | 10.4MJ |
| Fuel to Cook | 1253g | 757g | 608g |
| Time to Boil | 38 mins | 31 mins | 23 mins |

Shipping Specifications

Shipping Weight

6.9kg/unit

Box Dimensions

(h)26.5cm • (w)26.5cm

20' Container Qty

1,120 units

40' Container Qty

2,624 units

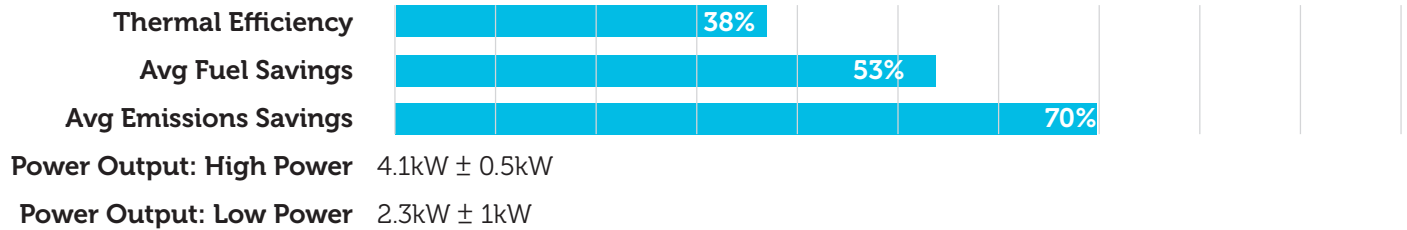
Zoom Plancha

Wood/Charcoal Plancha Stove

- **Combustion Chamber** refractory metal
- **Insulation** abrasion resistant, lightweight ceramic
- **Stovetop** cast iron with flame baffles and two removable tops for direct access to the flame
- **Stick Supports** steel (not pictured)
- **Body** painted sheet metal with reinforced doors
- **Chimney** 8 feet stainless less with end cap & protective fence
- **Wood Drying Compartment** large, in back



Efficiency



5-Liter Water Boiling Test

Conducted by Aprovecho Research Center

| | Open Fire | Zoom Plancha |
|----------------|-----------|--------------|
| CO Emissions | 65g | 17g |
| PM Emissions | 1674mg | 1207mg |
| Energy to Cook | 21.8MJ | 13.2MJ |
| Fuel to Cook | 1253g | 757g |
| Time to Boil | 38 mins | 31 mins |

Shipping Specifications

Shipping Weight

37kg/unit

Box Dimensions

(h)36cm • (w)48cm
(l)61cm • Rectangle

20' Container Qty

320 units

40' Container Qty

640 units