

# Jiko Bora *Mama Yao*

Charcoal cookstove (28 cm stovetop)

- **Combustion chamber:** refractory metal.
- **Insulation:** high temperature thermal insulation.
- **Stovetop:** three-pronged universal cast iron, dense and extremely durable material.
- **Body:** painted sheet metal with reinforced door.
- **Handles:** steel and silicone.
- **Ashtray:** metal with soft rubber grip.
- **Feet:** non-slip rubber.



## Efficiency:

|                                      |     |                                             |   |
|--------------------------------------|-----|---------------------------------------------|---|
| <b>High power thermal efficiency</b> | 40% | <b>ISO-IWA Cookstove Performance Tiers:</b> |   |
| <b>Low power thermal efficiency</b>  | 49% | High power thermal efficiency               | 3 |
| <b>Average fuel savings</b>          | 70% | CO emissions                                | 3 |
| <b>Average emissions savings</b>     | 75% | Safety                                      | 4 |

*\*compared to a traditional Kenyan cookstove*

## 5 Litre Water Boiling Test:

|                       | <b>Mama Yao</b> | <b>Kenyan charcoal cookstove</b> |
|-----------------------|-----------------|----------------------------------|
| <b>CO emissions</b>   | 17 g            | 102 g                            |
| <b>Energy to cook</b> | 5 MJ            | 19 MJ                            |
| <b>Fuel to cook</b>   | 187 g           | 613 g                            |

*\*figures are rounded off to the nearest whole*

## Shipping Specifications:

| <b>Shipping weight (kg)</b> | <b>Box dimensions (cm)</b> | <b>20' container qt.</b> | <b>40' container qt.</b> |
|-----------------------------|----------------------------|--------------------------|--------------------------|
| 5.8                         | 29 x 29 x 26.5             | 1280 pcs                 | 3199 pcs                 |