

Rocket Institutional Stove Uganda



Type

Fixed Rocket Institutional Stove (FRIS)

Mobile Rocket Institutional Stove (MRIS)

Country of Origin/Dissemination Area

Uganda / Uganda

General Description

Cooking stoves for institutional cooking purposes.

Square cross sectional combustion chamber

Sold with fitting Stainless Steel Cylindrical Pot & Lid

Pot volumes up to 200 litres for MRIS.

Pot volumes up to 300 litres for FRIS

Materials used

FRIS: Body; Fired clay bricks, cement & sand mortar, mild steel pot stabiliser

Insulation; pumice slabs, vermiculite, sodium silicate

MRIS: Body; Mild Steel (MS) 2.0mm & MS hollow sections, round bars for the frame

Insulation: pumice slabs, vermiculite, sodium silicate

Fuel types

Fuel wood

Efficiency

Saves 60 - 70% of firewood when compared to traditional 3 stone institutional stove

Users

Schools, Army, Hotels / Restaurants

Producer / Supplier

Urban Community Development Association (UCODEA), Kampala, (FRIS & MRIS)

Mulyazawo Technical Works, Entebbe (FRIS)

Action for Development, Kampala (FRIS)

Energy Saving Stove Builders Company, Mbarara (FRIS)

Save Energy Saving Stoves for Africa (SESSA), Kampala (FRIS)

Other trained local artisans

Price (2006)

800 – 1600 USD
(Depending on Capacity)

MRIS



FRIS

