



Manual Control - Water Heater / Cooker – For Expedition & Outdoor Use

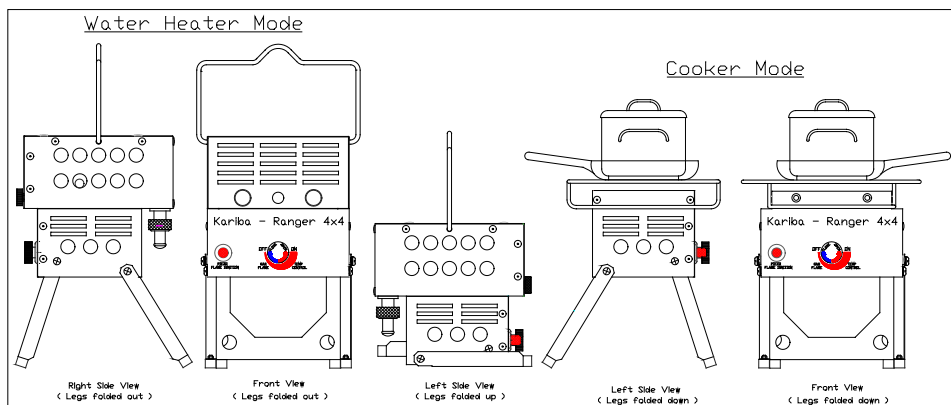
HOT Camp Shower / Cooker – Featuring User Friendly Dual Gas Options



Kariba: Model - Ranger 4x4 Patent Pending Expedition Water Heater & Cooker System



This unique gas appliance is the ultimate choice for versatile camping applications available to expedition off-road travelers. The **Kariba - Ranger 4x4** is small and light in weight supplied complete with only water and gas required. This appliance features a compact and robust stainless steel design fitted with high pressure gas burners offering facility options for water heating, showering, washing dishes or laundry and which includes a powerful cooker. Twin high pressure gas burners are fitted to infinitely control flame height and water temperature delivery. In the **water heater mode**, the appliance can deliver a controlled rising of ambient water temperature up to 30(C) 86(F) delivering hot water through the copper coils heat exchanger to a maximum temperature of 60 (C) 140 (F). All auxiliary connections are “Plug & Play”, and the appliance can be operated standing upright, hung from a tree or a roof rack of a vehicle. The package includes a quality 12V DC German engineered submersible pump that delivers 3.81L (approx.1 Gallon) p/minute water flow at a head height of approximately 2 Meters (approx. 6Ft.6”) and which includes a hand held shower with a water flow restrictor, hoses and all the hose quick connectors for this system. The exclusive pump fits into a standard 20L (5 Gallon) water “Jerry Can” including containers with a 50mm (2”) nozzle. In the **cooker mode** the top body which houses the heat exchanger can be removed to offer a cooker facility. A stainless steel grid (supplied) fits on top of the burner body and which can facilitate a 4 Lt. (1.1 Gal.) Pot or 250mm (10”) Pan for preparing food or a hot drink. The complete appliance is guaranteed to work when required and has a warranty for a period of six months against faulty workmanship or defective parts, fair ware and tire excluded, subject to the terms and condition of our “Limited Warranty” included in the operation manual and available upon request.



Kariba – Ranger 4x4 – Water Heater / Cooker appliance Standard Package & Contents:

1. 30L (7.3 Gal.) Rough Tote Box also used as a water well.
2. Appliance - Brushed 430 stainless steel body with graphic decals including notices.
3. Copper finned hot water coils heat exchanger with twin “High Pressure” burners.
4. Folding legs for storage/inspection/maintenance including gas option installation.
5. 12V DC 4.1L “Shower Time” pump Kit with hanger fittings, and 5 M (16 Ft.) power lead with red glow plug.
6. Shower head including water flow restrictor, hoses and connectors.
7. LP Gas/ACME Propane “Pigtail” gas bottle/tank hose connector to EN417 burner screw-on connector.
8. Stainless steel cooker grid to fit on burner body.
9. Instruction Manual & maintenance booklet including Economic & Safe method of operation document.
10. Quality Assurance Certificate.

Optional Extras: Long Reach Cricket Lighter & Disposable Cartridge Adapter – Steak Saver (USA Only)



Powered by EN417 Gas Canister



Legs folded for storage



Powered by LP Gas/Propane

TECHNICAL PARAMETERS: Kariba – Ranger 4x4 (all measurements are approximate)

Appliance size with folded legs	: Water Heater/Cooker = 223L x 219W x 203H mm / 8.8"L x 8.62"W x 7.99"H
Appliance size standing on legs	: Water Heater/Cooker = 223L x 219W x 327H mm / 8.8"L x 8.62"W x 12.87"H
Approx. weight	: 2.5 Kg. (5.5 Lbs.) appliance only – Complete package 4.5 Kg. (9.9 Lbs.).
Gas & Pressure	: For use with EN417 Canisters & LP Gas/Butane at <u>Bottle/Tank Vapor Pressure</u> .
Average Gas consumption	: Approx. 250 Grams. (5.5 ounces) - Maximum of 400 Gms. (.88 ounces) per hour.
Temperature Range	: Raises ambient water temp. 30C (86F) at a water flow rate of 3.5 L(0.85 Gal.) p/m.
Electronic Flame Ignition	: Italian quality Press Button "Piezo" flame ignition
Kariba 12V DC Submersible Pump	: 4.1L P/M (1 Gallon) German quality pump which fits into a 20L water Jerry Can.
Power Consumption	: 1.5 A/H - Connects to a vehicle cigarette lighter socket or 12V DC power supply.
Package/Included	: 30L(7.3 GI.) Rough Tote Box, Shower Kit, Hoses, Quick connectors & Instructions.
Gas "Pigtail" Hose Supplied	: LPG/AMCE to bottle/tank and connected to EN417 screw-on burner connector.

Kariba – 4.1L Shower Time Kit & Rough Tote box



Standard: 4.1L Shower Pump Kit



(Both supplied)



Standard: 30L Rough Tote Box