

INSTRUCTIONS FOR USE

IMPORTANT: Read these instructions carefully and familiarise yourself with the product before fitting the appliance to the gas cartridge.
USE OUTDOORS ONLY!

Endurance Gas Burner to be used on group cooking stoves, such as Endurance Lava 400 or Trangia products.

1. INTRODUCTION

- 1.1 This appliance shall be used on gas cartridges with threaded valves according to EN417 containing propane/butane gas mixtures.
- 1.2 It may be hazardous to attempt to fit other types of gas cartridges.
- 1.3 Gas consumption: 150 g/h / 6.700 Btu/h ca. 2,13 kW butane at 1 bar pressure.
- 1.5 This appliance complies with BSEN 521:2006.
- 1.6 Avoid the application of torsional stress on the hose. DO NOT TWIST THE HOSE.

2. SAFETY INFORMATION

- 2.1 Ensure that the appliance seals are in place and in good condition before fitting the gas cartridge.
- 2.2 The appliance should be used outdoors only.
- 2.3 The appliance must be operated on a level surface.
- 2.4 Make sure that no inflammable materials are near the gas appliance, see section 5.6.
- 2.5 Always change or fit the gas cartridge in a safe place, outside, away from any source of ignition, naked flames, pilot lights, and away from other people.
- 2.6 If you have to check the gas soundness of the appliance, do this outdoors. Do not check for leaks with a naked flame. Use soapy water only to check for bubbles, for example.
- 2.7 Never use an appliance with damaged or worn seals and never use a leaking, damaged or malfunctioning appliance.
- 2.8 Never leave the appliance unattended when lit.
- 2.9 Do not allow pans to boil dry.

3. HANDLING THE APPLIANCE

- 3.1 Be careful not to touch hot parts of the appliance during, or after use.
- 3.2 Storage: Always unscrew the cartridge from the appliance when not in use. Store them in a safe dry place away from heat.
- 3.3 Do not misuse the appliance, or use it for anything for which it has not been designed.
- 3.4 Handle the appliance with care. Do not drop it.

4. ASSEMBLING THE APPLIANCE

- 4.1 Ensure that the gas control knob is turned off (turned fully clockwise).
- 4.11 Fit the burner set into the stove by first lowering the hose through the round hole (where the burner clips into) and thread the hose back out through the smaller hole on our outside of the stove/windshield. Clip the burner into the Trangia stove (or similar).
- 4.2 Place the valve squarely on top of the cartridge.
- 4.3 Gently screw the cartridge into the valve until it meets the O-ring of the valve. Be careful not to fit the cartridge cross threaded. Screw hand tight only. Do not over-tighten or you will damage the cartridge valve.
- 4.4 Ensure that a complete gas seal has been made. If you have to check the gas soundness of the appliance, do this outdoors. Do not check for leaks with a naked flame. Use warm soapy water only, applied to the joints and connections of the appliance. Any leakage will show up as bubbles around the leakage area. If you are in doubt or you can hear or smell gas, do not attempt to light the appliance. Unscrew the cartridge and contact your local dealer.
- 4.5 Make sure the burner is screwed down lightly. The stove is now ready for use.

5. OPERATING THE APPLIANCE

- 5.1 Always operate the appliance on firm level of surface and ensure that the hose is fully extended. Keep the cartridge away from the heat of the stove unit.
- 5.2 Turn the knob anticlockwise and light the burner immediately.
- 5.3 Adjust the size of the flame by turning the control knob.
- 5.4 After lighting, operate the appliance upright and do not move it around. Flaring may occur if the appliance has not fully warmed, or if it is moved carelessly.
- 5.5 After use, ensure that the valve is fully shut (control knob turned fully clockwise). There may be a slight delay between shutting the valve and the burner extinguishing.
- 5.6 Anti-flare: The appliance incorporates a burner system which pre-heats the gas and vaporizes it. This shortens the warm-up period, safeguards against flaring and improves performance and safety.
- 5.61 Distance to inflammable materials must be ensured. Minimum distance to ceiling is 500 mm and to wall 250 mm. To avoid a fire hazard these minimum distances must be complied with.

6. CHANGING THE CARTRIDGE

- 6.1 Shut the valve fully. Be sure the flame is extinguished and no other flame is nearby. Take the unit outdoors away from other people. Unscrew the cartridge from the valve and replace the appliance sealing O-ring if it is cracked or worn. Avoid cross threading by putting the valve onto the cartridge screw thread squarely and screw on hand tight only, as described in section 4.

7. ROUTINE SERVICE AND MAINTENANCE

- 7.1 Always ensure that the O-ring sealing is in place and in good condition. Always check this each time prior to fitting the appliance. Replace the O-ring if it is damaged or worn.
- 7.2 New sealing O-rings are available from the Endurance distributor, see below for contact details.
- 7.3 If you cannot rectify any fault by following these instructions, please contact the UK distributor of Endurance products, details below: