

INSTRUCTIONS

HEAT PAL 5100 is a non-pressurized alcohol heater with the fuel absorbed in a non-flammable pulp, no valves to develop leaks or other components in need of regular service. As always, when working with a naked flame, certain precautions are required. Read the following instructions carefully before using HEAT PAL 5100.

Filling

1. Release the burner unit from outer container (no.8) by pressing lock spring (no.9) and lift in grid (no.3). Release the fuel tank (no.7) from burner by pressing spring (no.5). Before filling: It is essential that not only the flame has been extinguished, but that there is no heat-glow on top of the tank. Do not fill near an open fire or heat-glow. **DO NOT ATTEMPT TO FILL FUEL TANK WHILE IT IS STILL IN HEATER!**

Fuel: Denatured alcohol or SOOT FREE.

WARNING! Never use gasoline, kerosene, propane, charcoal lighter, diesel or other flammable substances or fuels. Uncontrollable operation and flare-ups can result and cause serious burns or personal injury.

2. Hold the tank as shown (picture 1 on fuel tank label) with the recess pointing down. Then pour alcohol directly into the opening covered by wire mesh. Check fuel level by tilting the tank on its side vertically as shown (picture 2 on fuel tank label). In this position, maximum fuel level occurs when fuel just begins to show in the recess inside the tank opening. Alcohol expands when heated. If the tank is overfilled, the surplus will overflow into the heater cavity and can cause uncontrollable burning. Maximum capacity from empty to full is 1,2 litres.
DO NOT OVERFILL!

3. Wipe tank dry. Fasten burner (no.4) to fuel tank, be sure that the four springs (no.6) holds the fuel tank. Replace tank and burner unit in the heater and be sure that the lock springs (no.9) holds the burner unit.

Lighting

To open burner, pull out the regulator (no.10) and turn it to the left (ON). Place a lighter in the ignition hole in burner (no.4) and light. If heater is warm from previous use, burner may ignite, then immediately go out. In this event, blow down into the burner opening to dissipate alcohol vapour and relight. Replace the top cover (no.2). Make sure the strap (no.2) will be placed on the outside of the heater. If you will use the heater as a cooking appliance put your sauce pan directly on the grid (no.3), do not use the top cover.

Regulating and extinguishing the flames

Turn regulator towards right (OFF) and the flames will reduce. To extinguish, turn the regulator totally towards right (OFF). Wait a moment, then turn regulator towards (ON) to be sure flames are out. Turn regulator towards (OFF) again.

Make sure that there is an adequate supply of fresh air when the heater is on alight; remember that combustion uses up oxygen.

MUST NOT BE COVERED!

No flammable material on or near the heater when it is alight.

Technical data

Height: 150-285 mm (5 9/10"-11 1/5")

Diameter: 285 mm (11 1/5")

Power approx. 1500 W

Burning time with full tank and max. power approx. 5 hours

Boiling time for 1 litre of water approx. 15 min.

Tank volume 1,2 litre denatured alcohol or SOOT FREE

N.B. Use only original parts to your HEAT PAL 5100!