



AIDA



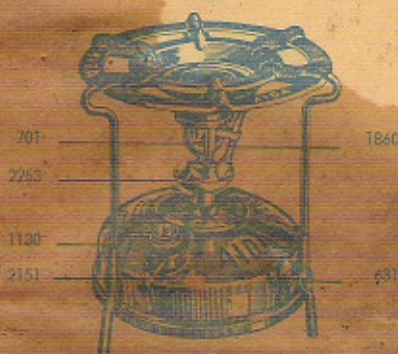
Regd. Trade Mark

Kerosene-Pressure-Stove



Roarer burner

No. 100/1



Silent burner

No. 100/5

Operation. The „Original-AIDA“ stove is operated on the principle of vaporization. The paraffin (kerosene) oil is vaporized within the burner preheated with methylated spirit. The gas is pressed through the nipple No. 701, mixes with air, and produces an intensely hot blue flame.

Directions for use:

- (1) Unscrew the filling cap No. 2150 and pour best paraffin (kerosene) into the tank unto not more than threefourths of its capacity. Replace the filling cap with washer and tighten. Open air-release screw No. 2151.
- (2) Pour methylated spirit into the spirit cup No. 2253 and light. Shelter flame from draughts of air to achieve sufficient pre-heating of the vaporizer.
- (3) Tighten air-release screw No. 2151 when the methylated spirit in the cup No. 2253 has almost burned out. Pump in air by the pump No. 631 until the stove starts burning. If the spirit-flame extinguishes before beginning of the burning-procedure repeat spirit pre-heating. As soon as the burner is well heated the cooking-flame may be brought to full strength by pumping in more air-pressure.
- (4) To reduce the flame open air-release screw No. 2151 slightly and close it again as soon as the flame is sufficiently reduced to be fit for the desired purpose.
- (5) To extinguish the stove open air-release screw No. 2151.

When the stove is not in action the air-release screw is bound to be kept open lest kerosene is ejected from the nipple No. 701. This might occur owing to pressure in the tank originating from temperature-differences.

Practical advices:

When the flame does not increase after pumping, or if it is not burning steadily or not with a blue colour the nipple 701 must be cleaned by means of the cleaning needle No. 2301 without interrupting the burning-operation. It is advisable, however, to keep a match ready pending the cleaning action to re-light the burner immediately in case the flame should extinguish.

Unclean nipples are diminishing the heating-effect of the stove and will accelerate the clogging of the burner.

If, after long use, the stove does no longer burn satisfactorily, in spite of cleaning the nipple with the needle or changing it, the burner is clogged and must be changed.

The flame blowing up on pumping with a yellowish-white colour proves that the pre-heating has been insufficient and has to be repeated according to the directions (see 2 and 3) after having released the air pressure.

If the pump fails in working satisfactorily draw out the pump rod, grease the dry pump leather, and redress it. This can be done whilst the stove is in action. When re-inserting the pump rod mind the fitting in of the leather. The pump will work properly if the leather is facing downwards into the barrel of the pump.

It is essential to empty the tank occasionally and to rinse it with paraffin (kerosene) in order to remove accumulated foreign matters, which might clog the nipple-hole and the burner-components.

Only genuine spare parts, stamped „AIDA“, warrant a reliable operation of the stove.