

Directions for use of PRIMUS No. 96

To put stove together is easy by help of the illustration.
The vaporizing tube "K" is firmly screwed on to the tank and tightly drawn with the accompanying spanner.
The reserve lid, which is intended to close the tank when the vaporizing tube "K" is unscrewed, is placed at "X" when stove is in use.

- ① Unscrew lid "A" and fill tank *not more than* $\frac{3}{4}$ full with paraffin oil. Screw on lid "A" tightly.
- ② Fill spirit-cup "B" under burner with methylated spirit from the accompanying spirit-can, and light spirit. Avoid draught if the stove is not provided with draught shield.
- ③ When the spirit in cup "B" is almost consumed close valve "C" and pump a few strokes with the pumprod "D" and the stove will light. If the spirit should burn out before the burner has ignited, apply a match at top of burner.
The flame is increased by further pumping.
- ④ To reduce flame open valve "C" by turning to left, and lighten immediately flame is sufficiently low.
To extinguish open valve "C" and *leave it open*.

GENERAL HINTS.

Clean the small opening "E" with the cleaning needle when the flame does not increase after pumping or if flame is streaky or not atmospheric blue.

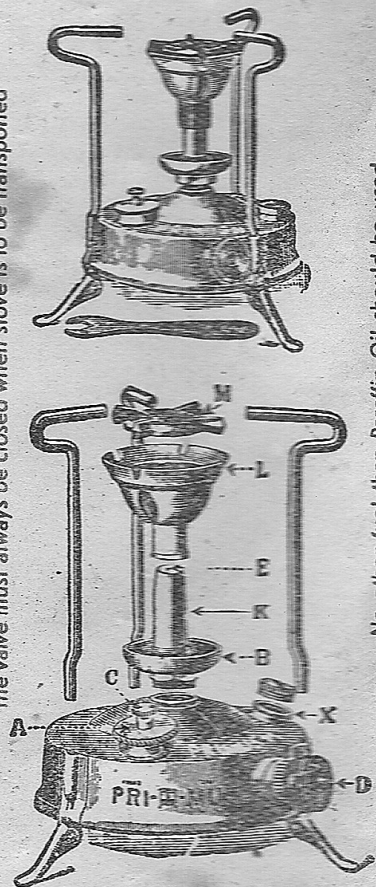
Matches should always be at hand during the cleaning process when the stove is burning.

Do not pump too soon when starting, as unless the burner is sufficiently hot, the oil will pass through the burner without vaporizing and flare up, causing smoke and smell. Should this happen open valve "C" and relight as instructed.

Before lighting be sure the tank contains sufficient oil.
Never fill the stove more than three-quarters its capacity.

AB BAHCO, Stockholm, Sweden.

The valve must always be closed when stove is to be transported



No other fuel than Paraffin Oil should be used

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Bruksanvisning för PRIMUS N:o 96

Sammanställning: Förgasningsröret "K" skruvas fast vid behållaren och tilldrages väl med den nyckel som medföljer köket

Övriga delar monteras enl. vidstående illustration.
Reservlocket, som har till ändamål att tillsluta behållaren då förgasningsröret "K" är avskruvat, bör, då köket användes, placeras vid "X".

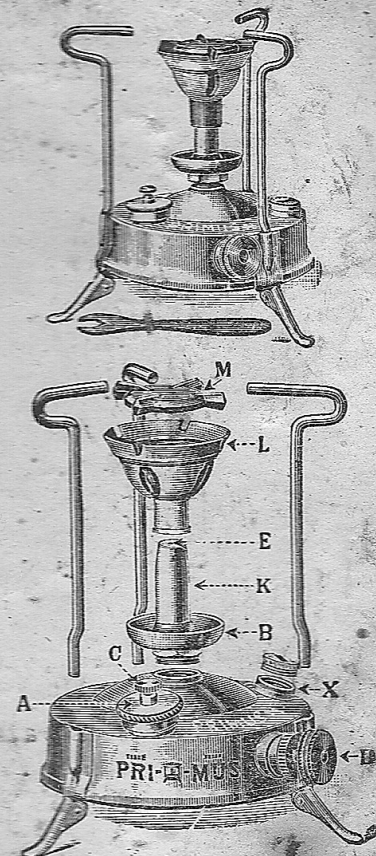
- ① Avskruva locket "A" och fyll behållaren till ca $\frac{3}{4}$ med fotogen. (Obs! Aldrig bensin.) Påskruva locket "A" lufttätt.
- ② Fyll spritskålen "B" med sprit ur den medföljande spritkannan. Tänd spriten. Undvik drag om köket ej är försett med vindsydd.
- ③ Då spriten i skålen "B" är nästan utbrunnen tillskruvar man luftventilen "C" och pumpar några slag med pumpstängan "D" varvid köket tändes. Skulle spriten brinna ut innan fotogengasen antänts, tänder man köket med en tändsticka. Lågan ökas genom ytterligare pumpning.
- ④ Lågan minskas genom att luftventilen "C" öppnas och åter hastigt stänges.
Lågan släcks genom att man öppnar ventilen "C" och låter den stå öppen. (Stäng ventilen då köket skall transporteras).

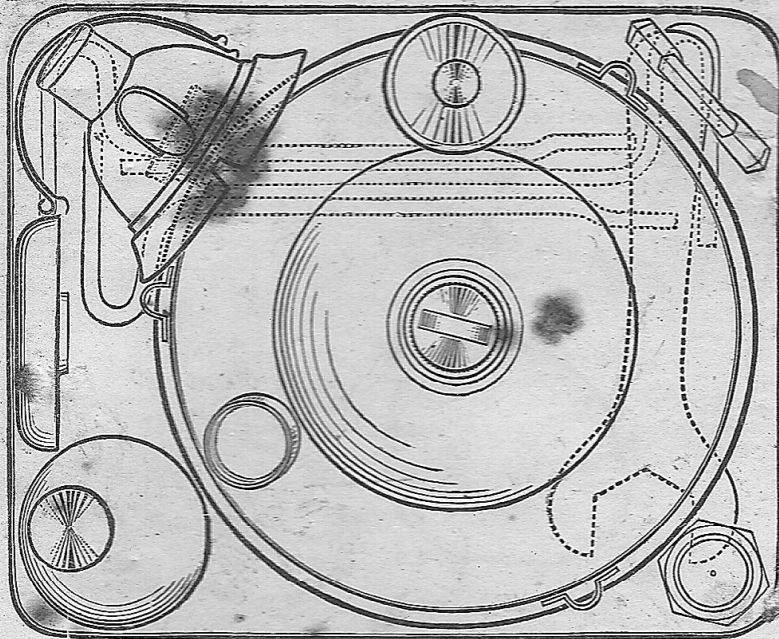
ALLMÄNNA ANVISNINGAR.

Rensa utströmningsöppningen "E" med en av de medföljande rensnålarna om lågan vid pumpning icke ökas eller om den ryker. En brinnande tändsticka bör hållas i beredskap vid brännaren när man rensar under det köket brinner.

Pumpa icke för tidigt vid tändningen enär fotogenen, om brännaren icke är tillräckligt varm, uppstiger oförgasad i brännaren och förorsakar os. Om så inträffar, öppnar man genast ventilen "C".
Tillse före varje tändning att fotogen finnes i behållaren.
Fyll aldrig köket mer än till ca tre fjärdedelar.

AB BAHCO, Stockholm.

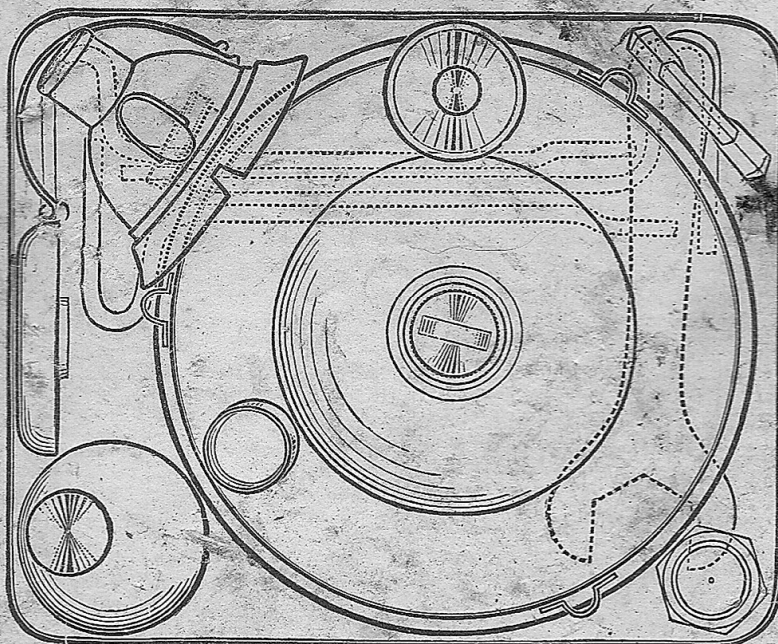




*The illustration shows how to put stove
into the box.*

Westerbergs Boktryckeri AB. Stockholm, Sweden.

See over

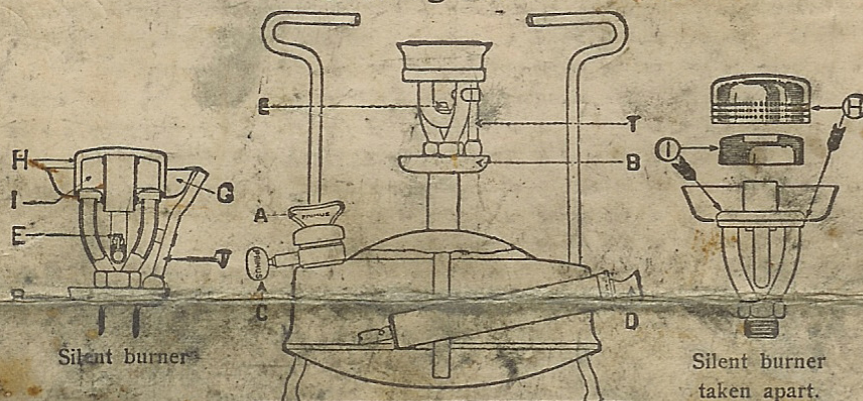


Illustrationen visar köket inlagt i lådan.

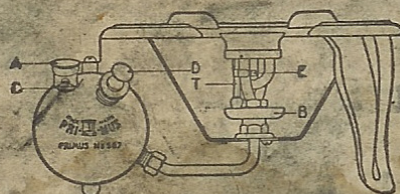
Vänd

THE ORIGINAL PRIMUS

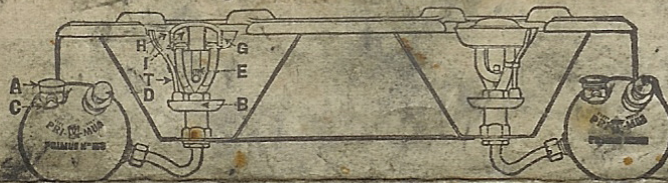
Cooking stoves



Roarer pattern stove.



Range with one roarer burner.



Range with two silent burners.

Working principle: The paraffin oil or kerosene becomes gasified during its circulation through the previously heated burner, issues through the small brass nipple "E", mixes with air, and burns with an intensely hot atmospheric flame.

To obtain the best result from your "Primus" study these directions carefully.

Directions for use.

- ① Unscrew lid "A" and fill tank *not more* than three-quarters full with paraffin oil, using a funnel with fine gauze strainer*. Screw on lid "A" tightly. Open air valve "C".
- ② Fill spirit cup "B", under burner with methylated spirit, from a suitable small container** and light spirit by applying a match. *Avoid draught* if the stove is not provided with draught shield***. (Silent burning stoves always ought to be provided with draught shield). This operation is only to pre-heat burner.
- ③ As soon as the spirit in the cup "B" has burnt out and a small flame remains at top of lighter "T", close air valve "C"¹ and give pump "D" a few full strokes. The stove will then be lit from the lighter, a blue atmospheric flame appearing at top of burner. Should, however, the lighter go out, apply match to top of burner to ignite the vapour. When the blue flame is obtained, pump up further to get a full cooking flame.
The first few strokes should be made slowly to give the burner time to get heated.
- ④ To reduce flame, open valve "C" by turning to left, and tighten immediately flame is sufficiently low.
To extinguish, open valve "C" and *always leave it open when the stove is not in use.*

¹ The air valve "C" on a few models of stoves is of a somewhat simpler construction and is placed on top of lid "A".

See over.

Continued.

General Hints.

Clean the hole in nipple "E" by inserting cleaning needle when flame does not increase after pumping, or if flame is streaky or not atmospheric blue.

Matches should always be at hand during the cleaning process when the stove is burning, to relight the vapour at top of burner should flame go out.

In course of time this cleaning of the nipple enlarges the hole, after which it becomes necessary to fit a new nipple. A flame which remains impure in spite of cleaning is an indication that the nipple hole has become enlarged. If the stove is kept in continued use in this condition, the burner itself will carbonise rapidly and require replacement sooner than otherwise necessary. Constant burning of the stove at low flame also has this effect, and you are therefore advised to keep your "Primus" working as much as possible at full flame.

Do not pump before the spirit in cup "B" has burnt out and the lighter "T" is burning, as unless the burner is sufficiently hot, the paraffin oil will pass through the burner as liquid instead of gas, and flare up, causing smoke and smell. Should this happen open valve "C" immediately and relight as instructed in 2 and 3 on front side.

When stove is not in use make certain that valve "C" is open, otherwise paraffin oil may be drawn up into the burner and cause smoke and smell on next lighting.

Once the correct blue atmospheric flame has been obtained, do not be afraid of pumping vigorously so as to get a powerful flame.

The test for a good flame is to get two pints of cold water in an ordinary tin or aluminium kettle to the boil in 3 to 4 minutes.

*Never fill the stove more than three-quarters its capacity.
The stove is tested with at least twice the pressure which can be obtained by pumping, if this filling is not exceeded.*

When flame flickers, the paraffin oil is exhausted. Stove should then be extinguished, re-filled and re-lit by introducing another supply of spirit to the cup.

Before lighting be sure the tank contains sufficient oil.

Empty tank occasionally to remove any foreign matter that may have accumulated.

Always keep nipple "E" well cleaned.

If the leather packing in the pump should get dry, so that the pump no longer works properly, the packing should be dipped in paraffin oil and pressed out. When the piston rod is again inserted, care must be taken that the packing is not turned backwards.

To be observed when the silent burning stoves are used.

The innercap "F" and the outer cap "H" must be carefully adjusted in right position. Keep holes of outer cap "H", and burner cup "G" well cleaned.

The flame must instantly be extinguished if the stove "lights back", as otherwise the outer cap "H" will be destroyed.

The fact that the stove has "lit back", i. e., the gas is burning inside the burner, appears by a roaring noise being heard and by the flame not issuing from the small holes of the outer cap "H".

The stove does not "light back", if the nipple "E" is well cleaned and the gas is lit above the burner.

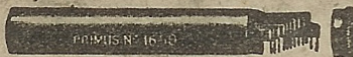
When ordering Cleaning needles, Nipples and other Spare parts, be sure to give your dealer the correct No. of "Primus" for which they are required as various patterns have different size parts.

Practical accessories for the "Primus".

**Spirit can
No. 1745.



*Funnel No. 1642.



Cleaning-Needle Case No. 1650.



***Draught shield
No. 1601.

**A/B B. A. HJORTH & Co., STOCKHOLM
SWEDEN**