

ORIGO 1500 and 3000 Alcohol Stoves

This is a reproduction of the English portion of the instructions that came with my stove in 1987.

INSTRUCTIONS

ORIGO 1500 and 3000 are non-pressurized alcohol stoves with the fuel absorbed in a non-flammable pulp. They have no valves to develop leaks, or other components in need of regular service. This makes ORIGO 1500 and 3000 safe and easy to maintain.

As always - when working with a naked flame - certain precautions are required. So, read the following simple instructions carefully before using your new ORIGO 1500 and 3000 stove.

If an accident should ever occur, remember that burning alcohol can be extinguished with water.

LOCATION OF YOUR NEW ORIGO 1500 AND 3000

Your stove should be located in a well-ventilated space. Avoid excessive draft. If your ORIGO 1500 and 3000 is used in an open cockpit, it should be placed so that maximum protection against the wind is obtained. Mount the stove as far away from combustible materials as possible. Preferably mount the stove in a metal-lined space.

TO FILL, OPEN THE STOVE TOP

Turn the knobs to 0 position, burner openings fully covered. Pull the forward lower edge of the stove top slightly forward, while simultaneously pressing the catch PRESS (photo 1).

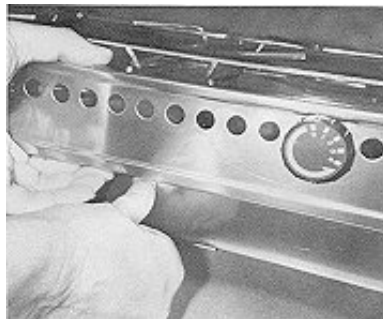


Photo 1.

Tank must not be filled near an open flame or a hot object. The stove top can only be opened when the burner openings are completely covered by the regulating plates. Turn the regulator knobs clockwise as far as they go, and the flames are extinguished. Lift out tank unit. It is essential that not only has the flame been completely extinguished, but that there is no heat grow on burner top.

During use, the tanks are heated, and the fuel requires space to expand. It is therefore important to avoid overfilling the tanks.

The tank openings are recessed to facilitate filling. Hold the tank as shown in photo 2, with the recess pointing down, and pour the fuel directly into the opening covered by the wire mesh. Check quantity by raising to vertical. When fuel is visible in recess, do not fill more (photo 3). After filling, make certain no excess fuel remains in stove. Always wipe tanks dry. Place tanks in stove. Check that they fit properly in mountings. Close the stove up.



Photo 2.

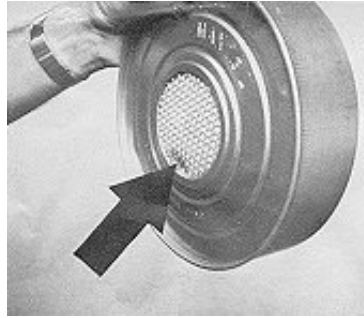


Photo 3.

Closing: Knobs in 0 position! Fold down the stove top, the catch will lock. (Make certain that the regulating plates cover the burner openings so that stove top is level.)

TO LIGHT (PHOTO 4)

Turn regulator knob counter-clockwise to open burner. Place a lighted match at burner opening. (Match can be dropped in and removed at next filling.)

If the stove is warm (from previous use), burner may ignite suddenly and simultaneously snuff itself out. If this happens, blow down into burner opening to dissipate alcohol vapor, and relight. The Origo-lighter is recommended. Winterize your stove by burning remaining fuel.

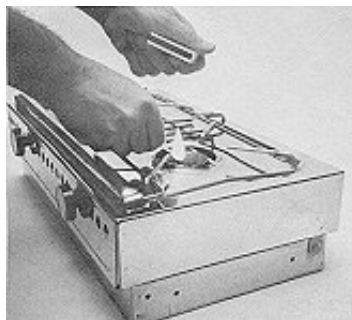


Photo 4.

EXTINGUISH

Turn regulator knob clockwise.

TO REMOVE GRID (PHOTO 5)

At the back of the stove top is an oblong hole, into which the grid retaining hook fits. To remove grid, slide it out of the retaining hole and it can be lifted off.

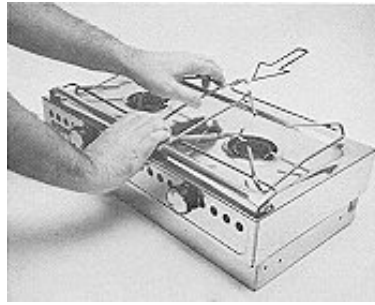


Photo 5.

GIMBALS

Gimbals for ORIGO 1500 and 3000 are optional. Your ORIGO 1500 and 3000 gimbals should be mounted as follows: The gimbal sideplates are fastened to the lower body of the stove by the enclosed nuts and bolts (photo 6). They can only be attached in one way.

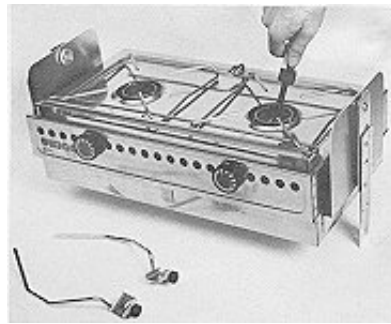


Photo 6.

The gimbal arms, however, can be turned to enable the stove to be lowered forwards or backwards. Before mounting the gimbal arms, make a test by attaching them to the gimbal plates in order to determine which alternative is right for your boat. Remember that the stove top must be raised to full upright position in order to remove burner units for filling, when the gimbals are in down position. Also be sure that your ORIGO 1500 and 3000 stove has sufficient room to swing freely when gimbals are used. Take care that stove is not mounted too close to combustible materials, or materials likely to deteriorate from the heat. When lifting the stove into position you fasten the gimbal side plates to the gimbal arms at the pivot point using the two special thumb screws supplied. Be sure that the installation is done in the correct sequence.

Fiber washers with round holes must be placed on the gimbal arm side. Then hang stove. Place fiber washers with oblong hole between body of stove and gimbal plate. They are cut to fit the end of the plate, and fasten the screws. Adjust the tension of the screws to the desired friction.

GASKETS

The stove is delivered with gaskets on top of the tanks. These are to be used if you are not using your stove for some time. Can also be used to prevent evaporation in hot climate.

Use this way: fold up the stovetop, check that the stove has become cold. Put the gaskets over the tank openings. Fold down the stovetop to horizontal position and open the burners to lock the top in closed position.

TECHNICAL DATA:

Height	approx. 5 3/8" (137 mm) incl. cooking grid
Depth	approx. 10 7/8 275 mm
Length	approx. 18 1/4 464 mm (1500, 9 5/16" 236 mm)
Fuel tanks	approx. 2.5 pints each tanks (1,2 1.)
Fuel	denatured alcohol. methylated spirit
Efficiency	will boil 2 pints of water in 7 minutes (per burner)

OPTIONAL EXTRAS

- Gimbals
- Potholders
- Lighter

WARNING

To be used only with denatured alcohol. Must never be used with gasoline, kerosene, diesel or any other type of fuels.

ORIGOVERKEN
Box 171
S-301 03 HALMSTAD
SWEDEN

ORIGO AB Sweden
1121 Lewis Avenue
Sarasota, Florida 34237
(941) 365-3660
Fax: (941) 955-2596

Origo WEB Site Information

The Origo website is at www.origo-sweden.com.

Common Specifications for ORIGO Alcohol Stoves and Ovens

Power	Alcohol 7000 BTUs (approx.) per burner
Fuel Capacity	1 qt. 8-1/2 ozs. (1.2 Liters) per canister (denatured alcohol)
Cooking Capacity	4-10 hours (average) per canister, per filling
Boiling Time	6-8 minutes for 1 qt. of water, per canister
1500 Dimensions	(H x W x D) 5-3/8" x 9-5/16" x 10-5/16"

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Origo Alcohol Stove

(137 x 236 x 262 mm)

With Gimbal 9" x 11-1/8" x 10-5/16"

(229 x 282 x 262 mm)

1500 Weight

7-1/2 lbs. (3.375 kg)

3000 Dimensions

(H x W x D) 5-3/8" x 18-5/16" x 10-5/16"

(137 x 465 x 262 mm)

With Gimbal 9" x 20-1/8" x 10-5/16"

(229 x 511 x 262 mm)

3000 Weight

Weight 14 lbs. (6.3 kg)

Energy Source

Pressure-free denatured alcohol