

OPERATOR'S MANUAL INSTRUCTIONS

for **ORIGO Alcohol Stoves and Alcohol/Electric Stoves**
models **A100, A200, C100 and C200.**

WARNING!

WATER OR A CLASS A FIRE EXTINGUISHER WILL PUT OUT AN ALCOHOL FIRE. USE A CLASS B1 FIRE EXTINGUISHER FOR ELECTRIC FIRES.

SPECIAL SAFETY SECTION

Carefully read and understand these instructions before operating your ORIGO stove, review them periodically.

Important – Electric equipped stove, save for the local electrical inspectors use.

Fuel Safety.

CAUTION! USE ONLY DENATURED ALCOHOL.

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

1. Store fuel in an approved container away from the stove, the engine or other heat source.
2. Eliminate all sources of sparks or flames in the area where fuel is poured or stored.
3. Do not smoke while working with fuel.
4. Wipe up immediately any spilled fuel.

Filling and Lighting Safety.

CAUTION! DO NOT FILL FUEL CANISTERS WHILE THEY ARE STILL IN STOVE. Overfilling, spillage, or hot surfaces can cause serious burns and fires.

NEVER POUR FUEL THROUGH BURNER OPENINGS IN TOP OF STOVE. (See picture)

1. Remove fuel canisters from stove by carefully following instructions.
2. Move fuel canisters to a safe area away from all sparks, flames, or other heat sources before filling with fuel.
3. Make sure canisters are cool enough to be held in your bare hands before filling with fuel.

FUEL MAY BURN WITH AN ALMOST INVISIBLE FLAME. Make sure that flame and heat-glow are extinguished before filling the canisters. Flame or heat-glow can cause alcohol fire, resulting in serious burns and personal injury.

4. **Do not overfill canisters.** Filling instructions must be followed closely. Check the fuel by tilting the canister vertically. In this position, maximum fuel level occurs when the fuel just begins to show in the recess inside the canister opening. Alcohol expands when heated. If the canister is overfilled, the surplus will overflow into the stove cavity and can cause uncontrollable burning.

5. Wipe canisters to remove any excess fuel before replacing in the stove.

6. The burner is lit by turning the knob counterclockwise to the ignition mark. Burner can also be lit by holding a match or long lighter at the burner opening above the fuel canister. As soon as the burner ignites, quickly remove your hand.



Installation and Maintenance Safety.

1. Install the stove in a well-ventilated area away from combustible material. Excessive draft must be avoided.
2. To eliminate the risk of burns or fire by reaching over the stove, avoid locate cabinet storage space above the stove.
3. Do not hang or place towels, papers, curtains or other combustibles near an installed stove.
4. Keep all surfaces and interior parts free of grease, alcohol or other flammable substances.
5. Do not use an oversize pot or pan. Max. recommended diameter: 230mm (9")
6. Make sure the appliance is securely in position when in operation as well as when not in use.

General Safety.

WARNING!

BE EXTREMELY SAFETY CONSCIOUS AS YOU WOULD WITH ANY APPLIANCE THAT OPERATES WITH AN OPEN FLAME. INSTRUCTIONS MUST BE FOLLOWED CLOSELY TO AVOID SEVERE BURNS OR CREATING A FIRE HAZARD.

1. Make sure the stove is installed correctly, and grounded in accordance with all applicable regulations, if electrically equipped. Repairs or replacing a damaged supply cord must be made by qualified service person in order to avoid a hazard. Ask your dealer to recommend qualified personnel.
2. Stove identification can be found on the nameplate label on the right side of the stove.
3. All pole disconnection must be incorporated in the fixed wiring, if the stove is not fitted with an accessible plug.
4. The appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the stove by a person responsible for their safety.
5. Wear proper clothing when operating the stove. Never wear loose fitting or hanging garments as such can catch on fire.
6. Allow all stove parts to cool to room temperature before touching or removing from the stove. When the burners are turned off, parts are still hot enough to cause serious burns for some time.
7. Know which control operates which burner. Adjust the flame so it does not extend beyond the edge of the pot. Move burner control to the off position before removing the pot.
8. Never allow pot handles to extend beyond the edge of the stove. Turn pot handles inward, but not extending over other burners. These precautions will help minimize the possibility of spillage, ignition of flammable materials, and/or serious burns.
9. Watch closely when heating fat or grease. Fat or grease will catch fire if allowed to become too hot.
10. Avoid grease fires by cleaning after each use, particularly the area around the burners. Do not use water on grease fires. Smother fire or flame or use dry chemical or foam-type extinguisher.
11. Never leave children alone or unattended in the area where the stove is in use. Never allow a child to sit or stand on or play with any part of the stove. As children grow, teach them proper, safe use of all appliances.
12. Do not store items of interest to children in cabinets above or to the side of a stove. Children climbing on or around the stove to reach such items can be seriously injured.
13. Never use the stove to heat or warm the cabin.
14. Use dry potholders only when handling a pot. Wet or damp potholders used on hot surfaces can result in steam burns. Do not allow the potholder to touch heating areas. A towel or bulky cloth used instead of a potholder can catch on fire.
15. Never leave the stove unattended while the burners are in operation. Boilovers can cause excessive smoke; greasy spill-overs can cause fires; and a pan, which has boiled dry, can melt or crack.
16. Do not allow clothing or other flammable materials to come close to areas near the burners, or to the interior surfaces of the stove until they have had sufficient time to cool.
17. Do not place plastic items such as salt and peppershakers, spoon holders, wrappings or other utensils on top of the stove when it is in use as these can melt or ignite. Potholders, towels, or wooden spoons will catch on fire if allowed to come too close to a flame.
18. Do not store flammable materials near the burners. Keep the stove free of all flammable materials.
19. Never modify or alter the construction of the stove including removal of panels or any other permanent part of the product.

WARNING!
OPEN FLAME COOKING APPLIANCES CONSUME OXYGEN THIS CAN CAUSE ASPHYXIA-TION OR DEATH.
MAINTAIN OPEN VENTILATION.

OPERATING INSTRUCTIONS

These instructions apply to the following stoves:

Model: A100 – Alcohol only

C100 – Combination alcohol/electric

A200 – Alcohol only

C200 - Combination alcohol/electric

ORIGO stoves are equipped with non-pressurized alcohol burners.

Alcohol is absorbed into a non-flammable material in the canisters. These units are not equipped with fuel valve or lines, which can develop leaks, or with other such components requiring regular service.

WARNING!
SAFETY PRECAUTIONS ARE REQUIRED AS ALWAYS WHEN WORKING WITH AN EXPOSED FLAME. CAREFULLY READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE USING YOUR NEW ORIGO STOVE.

Filling the Fuel Canisters.

- **The fuel canisters must be lifted out of the stove and moved away from open flames or hot objects before filling with fuel.**
- Make sure all burners are turned off.
- Allow the stove to cool to room temperature.
- Open stove top.
- Make sure that flames are completely extinguished and that there is no heat-glow on top of the canisters, and then lift out fuel canisters.



- Hold each canister (one at a time) as shown, then pour alcohol directly into the opening covered by wire mesh.
- **Maximum capacity from empty to full is 1 quart (1,2L).**



- Check fuel level by tilting the canister on its side as shown.



- Keep the canister in tilted position for about half a minute. When fuel is visible in the material at the bottom of the opening, the canister is filled to maximum recommended level.
- **Do not overfill.**
- If the canister is overfilled, keep it tilted until surplus is drained off.
- Wipe the canister dry and replace in stove, making sure it is fitted properly in the mounting.
- When closing check that the stovetop gets level and nothing is blocking it. Press so that the magnetic lock is engaged.

NOTE: It is not necessary to fill canister completely to operate. Stove will operate with less than maximum capacity of fuel.

To Light the Alcohol Burner.

- Turn the knob counter clockwise to the ignition position, the built-in 12-volt lighter is activated and the burner is ignited. Depending on temperature and the canister fill amount, the necessary time may vary.
- If insufficient voltage, burner can also be lit by a match or long lighter.



NOTE: If stove is warm from previous use, burner may ignite, then immediately go out. In this event, blow down into the burner opening to dissipate vapor and relight as above.

To Extinguish the Alcohol Burner.

- Turn knob to "Off" position.
- **Wait a moment, and turn back to "Max" to make sure flame is out.**
- Turn to "Off" again.
- Wait until the stove has completely cooled before closing the glass top.

Cleaning.

- **Electrically equipped models:** The coil elements can be lifted slightly from the top to gain access underneath. Do not force the coils beyond the feel of resistance. To do so can damage the element.
- Never use a steam cleaner for cleaning the stove.
- **Alcohol models:** Remove the grate for easy cleaning.
- Boilover and spillage is always easiest to remove as soon as the stove is cool enough.

Instructions for Electric Burners

- Never attempt to use electric and alcohol burners simultaneously. To do so will cause overheating, which can destroy the electric elements.
- If your stove is equipped with two electrical elements, the left buttons control the left element.
- Turn off stove when cooking is complete.
- Make sure that the elements have cooled down completely before replacing the glass top.

INSTALLATION.

Location and Fitting of the Stove.

Your stove should be located in a well-ventilated space. Avoid excessive draft. If you fit in an open cockpit, or other open area, wind protection must be provided. Mount the stove as far away from combustible materials as possible.

Minimum distance to back and side wall is 50mm, and 750 mm minimum clearance between the stove coil element and the horizontal surface above the stove.

WARNING!

PLACE UNIT IN A WELL-VENTILATED AREA AWAY FROM ALL COMBUSTIBLE MATERIALS. INSTALL A FIRE EXTINGUISHER IMMEDIATELY AT HAND.



Cut a rectangular hole. Open up the hinge part in the back of the stove. Place the stove according to the picture; use the fastening holes in the hinge as a template to mark and drill for screws. Install the screws and fasten securely.



Install the magnetic locker in the front of the cutout. Connect the lighter to 12VDC, terminal connection in the rear side of the stove. A three conductor cable is supplied with the stove for connection to AC electrical current only. Check the label on the stove to insure that the voltage of the unit matches the voltage of the source. Installation must be in accordance with all applicable standards. Installation should be performed by qualified persons only!

Cutout for Model A100 and C100:

Width	10 1/16" (255 mm)
Height	6" (150 mm)
Depth	13 3/8" (340 mm)

Cutout for Model A200 and C200:

Width	19 1/8" (485 mm)
Height	6" (150 mm)
Depth	13 3/8" (340 mm)

Technical Data.**Dimensions A100 and C100:**

Width	10 5/8" (270 mm)
Height	7 1/2" (190 mm)
Depth	14 3/8" (365 mm)

Electric power C100: 220-240V 1200 W

Dimensions A200 and C200:

Width	19 11/16" (500 mm)
Height	7 1/2" (190 mm)
Depth	14 3/8" (365 mm)

Electric power C200: 220-240V 2400 W

Canister volumes	2,5 pints each (1,2 L)
Fuel	Denatured alcohol, Methylated spirit
Lighter	12V 1,0 – 2,4 A



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