

CLIMART OUTDOOR UNITS - INSTALLATION, OPERATING and MAINTENANCE MANUAL - SAFETY

Congratulation on your purchase of a Climart Green-FireObject! While we have designed and manufactured this product with the greatest possible care, there are still a number of points that you must observe: your safety depends on it. Please read this manual carefully before installing and operating your Climart fire. **WARNING** : the Outdoor products have different cartridges sizes. Please see the dimensions at the end of this document. Never use a cartridge with a wrong size.

WARNING:

The Climart Fire uses denatured alcohol, a flammable product that requires a number of precautions for use, and strict observance of the safety instructions. If you follow all these instructions, you will be able to use the fireplace and CARTRIDGE without risk, enabling you to enjoy the beautiful warmth of a real fire with no mess, no fuss.

- ▲ THE NON-OBSERVANCE OF THESE RULES CAN INVOLVE SERIOUS WOUNDS (BURNS IN PARTICULAR) FOR THE USER AND THE PEOPLE AROUND AS WELL AS FIRE HAZARDS.
- ▲ DUE TO HIGH SURFACE TEMPERATURES, KEEP CHILDREN, CLOTHING AND FURNITURE AWAY.
- ▲ DO NOT USE THE FIREPLACE AND ITS CARTRIDGE NEAR FLAMMABLE PRODUCTS: CURTAINS, FABRICS, PIECES OF FURNITURE, ETC.
- ▲ **YOU MUST ALWAYS HAVE A CLASS B FIRE EXTINGUISHER IN CLOSE PROXIMITY TO THE CLIMART FIRE IN CASE OF FIRE.**
- ▲ **WARNING** – THESE PRODUCTS ARE OUTDOOR PRODUCTS, DO NOT USE INDOOR AND NEVER STORE THE FUEL FOR YOUR CLIMART FIRE IN THE LIVING AREA.
- ▲ **WARNING** - RISK OF EXPLOSION: ONLY USE THE RECOMMENDED FUEL FOR YOUR CLIMART FIRE. NEVER USE FUELS SUCH AS PETROL, DIESEL, THINNERS OR GAZOLINE.
- ▲ NEVER ADD FUEL TO YOUR CLIMART FIRE WHILE IT IS STILL LIT OR HAS JUST BEEN EXTINGUISHED. ALWAYS ALLOW THE CARTRIDGE TO COOL BEFORE ADDING FUEL. WAIT AT LEAST 10 MINUTES AND UNTIL THE TEMPERATURE OF THE CARTRIDGE DOESN'T EXCEED 50° CELSIUS.
- ▲ NEVER OVERFILL THE BURNER. FILL ONLY TO THE LEVEL INDICATED. IF ACCIDENTAL OVERFILLING OCCURS, DO NOT LIGHT THE BURNER. SOAK UP EXCESS FUEL WITH A DRY RAG AND ALLOW THE RAG TO AIR DRY FULLY BEFORE DISPOSAL.
- ▲ NEVER STORE OR TRANSPORT THE FUEL IN OTHER THAN A METAL OR PLASTIC CONTAINER THAT IS:
 - ACCEPTABLE FOR USE WITH THE SPECIFIC FUEL;
 - NON-RED IN COLOR;
 - IS IN THE ORIGINAL CONTAINER FOR THE FUEL.
- ▲ **WARNING** - USE YOUR CLIMART FIRE ONLY IN WELL VENTILATED AREAS. PEOPLE WITH BREATHING PROBLEMS SHOULD CONSULT A PHYSICIAN BEFORE USING THE HEATER.
- ▲ ALWAYS OBSERVE THE MINIMUM HEARTH EXTENSIONS.
- ▲ ALWAYS OBSERVE THE GUIDE FOR PROVISION OF COMBUSTION AND VENTILATING AIR FOR UNVENTED HEATERS.
- ▲ **WARNING** - THE CLIMART FIRE HAS NOT BEEN TESTED WITH AN UNVENTED GAS LOG SET. TO REDUCE THE RISK OF FIRE OR INJURY, DO NOT INSTALL AN UNVENTED GAS LOG SET INTO THIS FIREPLACE.
- ▲ THE CLIMART FIRE HAS NOT BEEN TESTED FOR USE WITH DOORS. TO REDUCE THE RISK OF FIRE OR INJURY, DO NOT INSTALL DOORS.
- ▲ DO NOT PACK REQUIRED AIR SPACES WITH INSULATION OR OTHER MATERIALS.
- ▲ INSTALL THE FIREPLACE AND POSE IT ON A HORIZONTAL SURFACE. FIX IT ON THE GROUND OR AGAINST THE WALL.
- ▲ DO NOT USE PAPER, NEWSPAPERS TO MAKE START FIRE. LIGHT IT WITH A LIGHTER OF 20 CM.
- ▲ NEVER USE YOUR CLIMART FIRE IN AREAS WHERE FLAMMABLE VAPORS OR GAS MAY BE PRESENT.
- ▲ NEVER USE YOUR CLIMART FIRE TO HEAT OR BOIL WATER OR AS A COOKING APPLIANCE.
- ▲ KEEP THE FIREPLACE PERMANENTLY UNDER SURVEILLANCE AS SOON AS FIRE STARTED. CAUTION: THE HEARTH AND THE CARTRIDGE ARE EXTREMELY HOT: USE SPECIAL GLOVES TO TOUCH THE APPLIANCE OR THE ACCESSORIES.
- ▲ RESPECT THE LOCAL BY-LAWS AND PREFECTORAL AS REGARDS FIRES. IT IS INTERDICT TO MAKE FIRES NEAR RESINOUS TREES AND MORE GENERALLY IN FOREST IN AESTIVAL PERIOD
- ▲ IN THE EVENT OF BURN, GO IMMEDIATELY TO THE NEAREST HOSPITAL. DO NOT APPLY ANY GREASY SUBSTANCE TO THE BURN. IF IT IS SURFACE AND NONWIDE, CARRY OUT ONLY ONE COOLING BY MEANS OF FRESH WATER DURING SEVERAL MINUTES. CONSULT A DOCTOR WITH THE SLIGHTEST DOUBT ON THE GRAVITY OF A BURN.
- ▲ NEVER EVACUATE THE FUEL IN THE WATER PIPELINES NOR IN NATURE. RESPECT THE ENVIRONMENT!
- ▲ DO NOT STORE BETHANOL NEAR THE FIREPLACE
- ▲ ALWAYS COMPLETELY CLOSE AGAIN THE VALVE OF THE CARTRIDGE AFTER THE END OF ITS USE

Ethanol: hazards and remedies

1. Hazard Identification:

Highly Flammable

2. Other Toxicological Information:

Acute Toxicity - DL50 (oral) = 7060 mg / kg

If vapours are inhaled: minor irritation of the mucosa. Risk of absorption.

- If the product comes in contact with the eyes: minor irritation
- If large quantities are ingested: nausea and vomiting
- Systemic effects: euphoria. If large quantities are absorbed: vertigo, intoxication, narcosis, respiratory paralysis

3. First Aid:

- If inhaled: give the patient fresh air. Consult a doctor if the patient feels unwell.
- If the product comes in contact with the skin: wash thoroughly with water. Remove contaminated clothing.
- If the product comes into contact with the eyes: rinse thoroughly with water, keeping the eyelids open.
- If swallowed: drink copious amounts of water. Try to induce vomiting. Do not use emetics. No animal carbon. Do not give milk. Consult a doctor as appropriate.

4. Fire fighting:

- Appropriate means of extinguishing: water, CO2, foam, powder
- Specific hazards: combustible. Vapours are heavier than air. Risk of formation of explosive compounds in contact with the air. Take steps to prevent the accumulation of electrostatic charges.

5. Dealing with Accidental Dispersion, Wiping or absorption procedure:

- Collect using an absorbent substance for liquids. Evacuate for elimination. Clean the contaminated area with water.
- IUPAC Standard: Ethanol. Usual name: ethyl alcohol. Colorless liquid smells flavorless but creates a burning sensation when ingested. Ethanol is a compound formed from a two-carbon ethane molecule from which one of the hydrogen is replaced by an ethanol group. Empirical formula C2H6O
- Molar mass: M = 34g.mol⁻¹
- Miscible with water in all proportions but with a marked reduction in volume.



Flammable

Operating

To open or close the CARTRIDGE, use the cap.

Lighting and relighting

The CARTRIDGE may be lit if:

- The body of the CARTRIDGE is cold;
- There are no fuel spills anywhere near the burner;
- The CARTRIDGE is not filled beyond maximum capacity;
- The fuel storage (jerry can) has been properly closed and removed from the proximity of the burner;
- The CARTRIDGE is well away from flammable material (textiles, curtains, furnishings etc);
- There is a means of putting out the fire (class B fire extinguisher) within easy reach;
- There are no children or pets near the burner;

We recommend using a long barbecue-type lighter to light the burner.

Ceramics logs, objects of decoration:

Do not use ceramics logs.

Maintenance:

- Before touching the CARTRIDGE, ensure that the CARTRIDGE has been extinct for at least ten minutes and that its body is perfectly cold.
- The only intervention necessary is the cleaning of the Stone with a soft rag.
- The CARTRIDGE being prone to modifications of temperature and permanently in contact of the flame, stainless of the CARTRIDGE can change appearance after a certain time. This is normal.
- A blackening is possible around the fire. A regular cleaning makes it possible to attenuate the modifications of colours.
- The processes of combustion can generate carbon residues. You need to change to a new cartridge from time to time (generally after 5 to 10 utilisations).
- **ALWAYS COMPLETELY CLOSE AGAIN THE OPENING OF THE CARTRIDGE AFTER THE END OF ITS USE**

Cleaning of the body of the Fireplaces:

The bodies of Fire Objects are cleaned using a soft rag with dust, water or with one cleaning for pane largely diluted. Never use alcohol, deterging, painting thinner or all other chemical.

ALWAYS COMPLETELY CLOSE AGAIN THE VALVE OF THE CARTRIDGE AFTER THE END OF ITS USE.

Guarantee:

The Fire-Objects of Climart® are guaranteed 2 years, parts and labour. Certain accessories are not guaranteed - See the general conditions of sale and Guarantee on the site www.climart.info

Name and Addresses of the Manufacturer:

Climart Ltd - 6 London Street - LONDON W2 1HR, ENGLAND

Made in France by: Cogitech Design	Mark and types: Climart - All models	Date of manufacture: Summer 2008	Nominal input rating: 1500 W	Maximum flow in grams per hour: 500 gr.
Nature of fuel: Bio-Ethanol (Ethanol 96% Denatured - Gel) Climart Mark	Source of food:	Type of battery:		

Warning:

It is formally interdict to intervene in any manner on the safety devices of the Fire-Objects . Only an approved repairer is authorized to intervene. Contact our engineering departments.

An intervention can generate serious sedentary problems and endanger the people or the goods. It is in the same way formally interdicted to start the Fire-Objects in a room insufficiently aired or located below the level of the ground. It is formally interdict to use another fuel that that recommended by the manufacturer. The presence of an extinguisher near the fireplace is obligatory.

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Dimensions of the cartridges

Vasque YOYO	Diameter 8,6 cm	Diameter 3.385 inches	Diameter 0.282 feet
Gallé-O	Diameter 9,9 cm	Diameter 3.897 inches	Diameter 0.324 feet
UFO	Diameter 9,9 cm	Diameter 3.897 inches	Diameter 0.324 feet