OIL HEATERS: INSTALLATION AND USE INSTRUCTIONS

CONTENTS

THERMIKI TSALIKIS, based in the industrial area of Oreokastro, has been specializing for 40 years in the production of high-quality and durable fireplaces and heaters. The management and technical staff, with continuous development and adoption of new technologies, follow their vision: manufacturing products of unsurpassed aesthetics and durability, able to satisfy every modern requirement for heating.

Quality guarantee:

The selection of excellent materials, detailed control at all stages of production and strict adherence to specifications ensure the top quality of THERMIKI TSALIKIS products.

In addition, continuous modernization, the adoption of innovative technologies, after sales service and excellent organization, combined with experienced staff and modern equipment, resulting in THERMIKI TSALIKIS fireplaces and heaters to be distinguished for their ergonomics, flawless operation, durability , safety and ease of use.

Standards Compliance:

THERMIKI TSALIKIS strictly adheres to the strict safety and health requirements of Regulation (EU) No. 305/2011, as well as the EN 13329:2001/A2:2004 standards, while all products bear the CE marking, ensuring their compliance with the applicable specifications.

By choosing THERMIKI TSALIKIS, you invest in reliability and incomparable heating quality.

SAFETY WARNINGS

Caution:

○ Carefully read the instructions contained in this manual before installing and operating the heater.

○ In case of malfunction, contact an authorized technician or your supplier immediately.

○ The heater must be installed by a certified technician.

○ The device must be switched on for the first time by a certified technician, who will be responsible for its correct operation.

○ Store fuel for your device in a covered area. ○ Maintenance and repair of the heater must be carried out by a certified technician.

○ Make sure to clean the heater once a year (burner, filter, carburetor cleaning).

○ The company is not responsible for malfunctions, malfunctions or damages that may be caused by incorrect installation or use of the device.

○ For the correct choice of heater, it is necessary to study the space by a licensed engineer, who will also be responsible for the choice.

○ Do not open the heater door when it is in operation. Fire hazard.

○ The surfaces of the heater are very hot during use and for some time after use. Burn hazard. KEEP CHILDREN AWAY. ○ The heater must be supervised by an adult when it is in operation. KEEP CHILDREN AWAY.

○ Place any flammable material at a safety distance of at least one (1) meter from the heater.

○ Place the heater ONLY on a stable, non-flammable floor or surface. ○ Any work to clean, repair or maintain the heater, should be carried out with the device switched off and cold.

○ When the heater is turned off, the oil tank must be closed. Risk of oil spillage.

○ The THERMIKI TSALIKIS company guarantees the correct operation of the device and is obliged by law to cover manufacturing and material failures in accordance with the terms of the warranty provided.

LIGHTING AND USING THE DEVICE

CAUTION (FOR ALL MODELS): Place the heater at a distance of 1 meter from any object.

FOR “T” SERIES HEATERS

1. Fill the tank with heating oil.

2. Turn the rotary switch (ON/OFF) 4-5 times counterclockwise (picture 1). 3. On the back of the heater and on the bottom, lift the carburetor lever up once (picture 2).

4. Turn the power adjustment rotary switch (0-6) to position 1 (picture 3). 5. Open the heater door and as soon as you see the first drop of oil, put a piece of cotton with fire and close the door (on “T” models, open the cast iron cap on the top of the heater).

6. After 3 minutes, turn on the combustion fan at I (on models T17 and T20). 7. Wait 10-15 minutes for booting to complete.

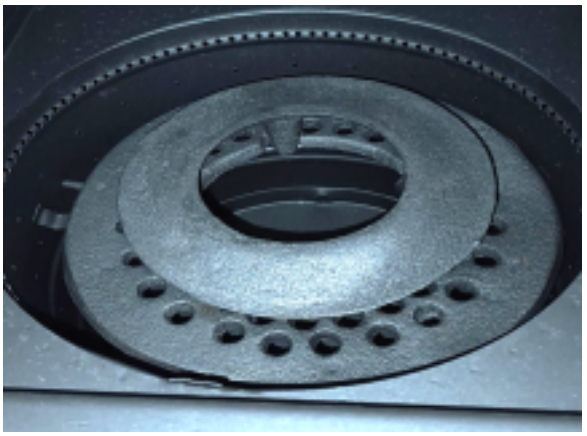
8. Ignition is complete when the flame reaches the upper burner holes above the cast iron rim (picture 4).

9. You can select the power of the heater from the rotary switch (0-6). 10.On first ignition, the heater will emit fumes for 20-30 minutes due to burning paint and steel residues, during which time the area should be adequately ventilated.

pic. 1

pic. 2

pic. 3



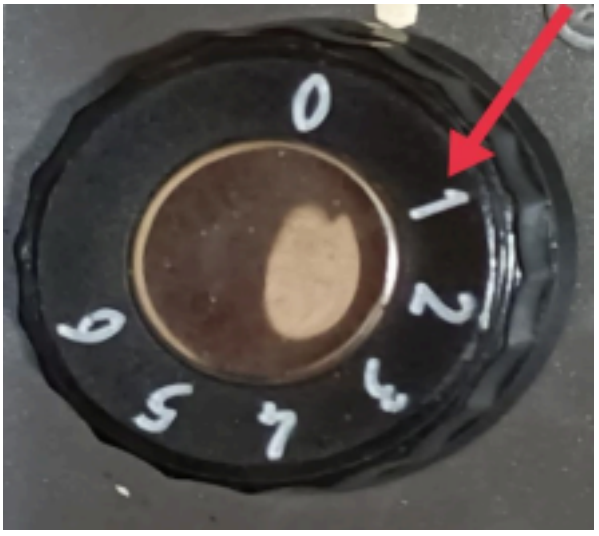
pic. 4

FOR MODELS P12, P14, P17 KAI P20

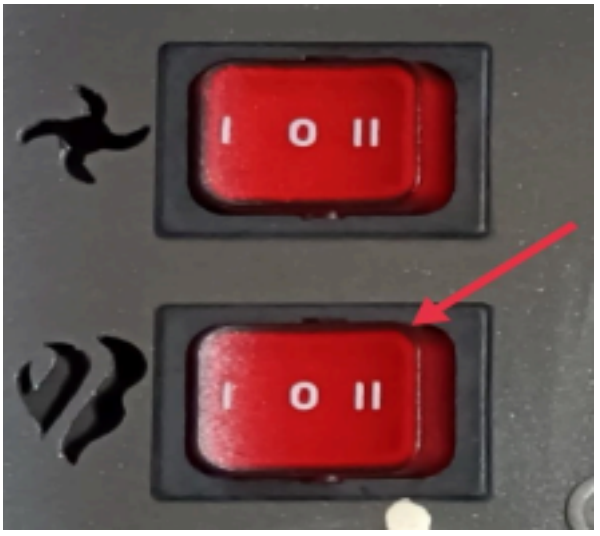
1. Fill the tank with heating oil.
2. Turn the rotary switch (ON/OFF) 4-5 times counterclockwise (picture 1). 3. On the back of the heater and on the bottom, lift the carburetor lever up once (picture 2).
4. Turn the power adjustment switch (0-6) to position 1 (picture 3).
5. Open the door of the heater and as soon as you see the first drop of oil, set a piece of cotton on fire, place it inside and close the door.
6. After 3 minutes turn on the combustion fan to I (Figure 4, P17 and P20 models ONLY).
7. When the flame reaches the upper burner holes above the cast iron rim, press the room fan button (picture 4 top switch) to the desired intensity (I or II)
8. You can gradually change the power of the heater by the corresponding rotary switch (0-6)

pic.1

pic. 2



pic. 3



pic. 4

TECHNICAL DETAILS

Operation of th oil heater

The operation of the oil heater is simple, safe and ergonomic. Through the burning of the oil, heat is produced, which is attributed to the heater's operating space. More specifically:

1. Oil is fed from the tank to the combustion chamber through the mixture regulator (carburetor).
2. The oil burns in the combustion chamber, producing heat.
3. Exhaust gases are expelled through the flue and chimney. 4. Heat is transferred to the walls of the combustion chamber.
5. The room air is heated by the walls and moves upwards.
6. The heat is given to the space with the help of a fan.

Main oil heater parts:

- **Combustion chamber:** Cylindrical steel container with openings for air intake.
- **Combustion rings:** Made of cast iron, they ensure the stability of the flame.
- **Mixture regulator (carburetor)**: Regulates oil flow, power and prevents overflow.
- **Floaters:** Control the oil level and prevent overflow.
- **Manual regulating valve:** Adjusts the heating power.
- **Oil tank (reservoir):** It has an oil level indicator and a system for emptying it.

TABLE OF TECHNICAL SPECIFICATIONS

FUEL	Heating oil, without additives
STACK EFFECT	12 Pa
LIGHTING	Manual (e.g. cotton soaked in alcohol)
POWER ADJUST	Manual, using a rotary switch (power levels 0-6)
OUTPUT	70% on the rated power
GASES	300-370°C with CO2 level 9-11%

DESIGN AND MANUFACTURING

The heater has a body made of non-flammable materials, with high-quality steel sheets and a fireproof glass door or flame control opening. The design and correct installation of the heater ensures safe operation, without escaping exhaust gases or falling burning material, while it does not contain materials harmful to humans or pets.

The heater is easy to use, with safe handling of supply, discharge, adjustment and removal of combustion residues, while its construction ensures high efficiency heating with controlled and prolonged combustion.

The combustion of oil heats the surface of the heater, handles, doors, glass, chimney pipes and consequently, the surrounding area of its operation, while the correct design of the combustion chamber ensures a correct distribution of thermal loads and uniform expansion, resulting in minimal mechanical device strain.

The surfaces of the heater are accessible for cleaning with a brush and the use of suitable cleaners.

The ashtray holds the residue from two full fuel loads (fills), with free space for air flow, and efficiently collects the combustion residue, with easy and safe removal for cleaning, thus allowing free intake of primary air for combustion.

The secondary air intake control (on some models) is not obstructed by fuel even with a full combustion chamber.

To control the flue gases, a damper is installed in such a way that it is not possible to block the flue exhaust completely, which must be placed as vertical as possible and with as few horizontal points as possible and with a secure connection between the ducts to prevent the escape of exhaust gases.

The heater has supply nozzles large enough for easy filling, while both these and the combustion chamber door are designed in a way to prevent their accidental opening.

At all stages of the heater's construction, dimensional, visual and functional checks are carried out to ensure the quality of the final product, while a sealing check is also carried out to ensure that leaks are avoided.

The device is designed to operate and be stored in an environment with a temperature between 00C and +300C and a relative humidity of 20-90%, while it has sufficient protection from foreign bodies (liquids and solids). Comes with instructions for installation and use.

WARRANTY

The manufacturer guarantees the excellent quality of the products and their smooth operation. In the event that you detect any manufacturing defect or malfunction, the manufacturer undertakes to immediately proceed with the required actions to restore them.

● The product warranty is valid for one (1) year from the date of purchase regardless of the date of installation.

● The combustion chamber door glass is not covered by the warranty.

●The proof of purchase (invoice or receipt) must be kept throughout the warranty period in order to prove the date of purchase.

Warranty terms and conditions

This warranty is only valid if:

● The product has been safely transported, installed and used in accordance with the installation and use instructions in this manual.

● The product has been connected to the chimney correctly and in accordance with the applicable provisions and standards.

● The product has not been damaged by external factors (e.g. bumped during transport) and has not undergone modifications and incorrect handling.
For more information and clarifications you can contact the manufacturer or your supplier

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