



# User Manual

## entiffic 2.4 12V



**BEFORE USING the ENTIFFIC 2.4 HEATER, PLEASE READ and follow all INSTRUCTIONS and WARNINGS listed in this manual.** Failure to comply with the precautions and instructions provided with this heater, can result in damage or property loss, serious injury or death and waiver of granted warranties. **Only persons with full understanding of these instructions should operate this heater!**

Please contact Entiffic ApS should you require additional information on how to operate this unit or safety requirements.



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## FIRST USE / REPLACING THE GAS CARTRIDGE

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### A. Installing the cartridge:

Lay ENTIFFIC 2.4 on a flat even surface and remove “**Cartridge cover - D**” by unsnapping “**Lower press snap buttons - E**” located on each side of the unit. Screw the gas cartridge (sold separately) on to “**Gas cartridge receiving tread - F**”. Ensure at all times that the cartridge is screwed on firmly. Refit the “**Cartridge cover - D**” on the unit and place the unit upright. The unit is now ready for use.

### B. Turning the unit on:

Press “**The on/off switch - 1**” to **ON** (1 = “ON”, 0 = “OFF”). Then press and keep pressing “**Safety-valve - 2**” down for 2-3 seconds while simultaneously pressing “**Ignite button - 3**” until you will hear the gas being ignited. You might need to press “**Ignite button - 3**” several times to ignite the gas. After approx. 20 seconds “**Red indicator - LED 1**” light up, shortly after the fan will start to operate and warm air will flow from “**Outlet vent - B**”. Electric power is available in the “**12V cigarette lighter socket - 5**”, after approx. 1-2 min of operation. Should the burning of gas not seem correct, press “**0**” on the **on/off switch**, and start the procedure over.

### C. Shutting the unit off:

ENTIFFIC 2.4 will continue to run until the “**On/off switch - 1**” is set to the “**OFF**” position by pressing the “**0**” position or until the gas cartridge is empty.

Once ENTIFFIC 2.4 is shut off or the gas cylinder is empty, the unit will continue to operate the fan and provide power to the “**12V cigarette lighter socket - 5**” until it has cooled down.

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## USING THE 3–12V CIGARETTE LIGHTER SOCKET

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ENTIFFIC 2.4 will provide up to 12V DC, 4W of electric power once it has reached operating temperature. You can connect your devices using the “**12V cigarette lighter socket - 3**” with a standard adapter. This outlet can charge your mobile phone/tablet, GPS device, MP3 player, camcorder, rechargeable batteries, flash lights or provide electrical power to a LED light (note: Not all manufacturers products may be supported). The max output of the socket is 4W. However, should the unit be connected to an electrical power consumer that will compromise the electrical power needed to run the build in fan, the “**Overload LED - 4**” will light up, indicating none-supply of electrical power. In this case disconnect the attached electrical device and reconnect another device consuming max 4W.

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## HANDLE/BELT

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“**The woven belt - A**” on top of ENTIFFIC 2.4 can be used for either carrying or hanging the device. The belt can rest without risk on top of the unit during operation but cannot-, and should not be removed.

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## GAS CARTRIDGES

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ENTIFFIC 2.4 is designed to fit gas cartridges with a 7/16’ thread / Lindal B188 connection. These are available in various sizes. Please note that this unit will accept any cartridge with 7/16 thread, as long as the max diameter of a



cartridge does not exceed 118 mm and the max overall height does not exceed 136 mm. This makes the unit suitable for most cartridges with 7/16 thread, containing anywhere between 180g and 450g of compressed gas.

Using cartridges with taller heights than above mentioned will cause overheating of the device.

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## WARRANTY

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ENTIFFIC 2.4 has a 2 (two) year limited warranty from date of purchase. Should this product not function properly under normal use within 2 years after date of purchase, please contact your local distributor, for warranty process information – remember to bring proof of purchase. Entiffic ApS shall then determine if the problem is due to a manufacturing fault and if so, Entiffic ApS will repair or replace the unit at its discretion, returning it to the claimant free of charge.

This warranty does not cover any damage or malfunction arising from misuse, improper maintenance, negligence, normal wear and tear or accident. The ENTIFFIC 2.4 may only be used as a heating device or charger. Never alter the ENTIFFIC 2.4 in any way or use with any part or accessory not expressly approved by Vinona AG. This warranty applies only to the original purchaser and requires proof of purchase.

All implied warranties, required under law, are limited to 2 years. Entiffic ApS shall not be liable for any consequential or incidental damages whatsoever. Vinona AG shall not be held liable if the product or any defect herein causes damage to-, or failure of other equipment.

This warranty provides specific legal rights to the end-customer. Some rights may vary in certain areas or countries which do not allow the exclusion or limitation of incidental or consequential damages, or limitation or exclusion of implied warranties.

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## DANGER

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**Carbon Monoxide is a Health-Hazard:** Carbon Monoxide (CO) is produced when fuel burns and inhalation of Carbon Monoxide can cause death or brain damage. **This heater is only for use in proper ventilated areas! Never use this heater in confined spaces!**

**Never block or obstruct** either the “Air outlet vent - B”, or the “Air inlet vent - C” when unit is in use as this might cause overheating and/or malfunction.

**Gas cartridges:** Always follow the instructions printed on the gas cartridge before usage. Failure to comply may result in injury or death.



**Disposal of cartridges:** Always comply with local legislations concerning disposal of cartridges. Never leave cartridges behind.

**Only use ENTIFFIC 2.4 in an upright mode. Never attempt to perform any repairs or modifications on gas- or electrical parts!**



Specifications	
Max. heat output:	2,0kW heat, forced with fan
Max electrical output:	12V 4W
Weight:	4.6 kg excl. fuel canister
Dimensions:	W 155 mm x D 155 mm x H 395 mm
Color Housing:	Anthracite
Cover + belt:	Green
Fuel:	Butane/Propane Gas canister with 7/16 thread / Lindal B188 valve
Alternative fuel:	Pierce able cartridge by means of adapter (adapter is sold separately)
Power connectors:	Cigarette lighter socket (12 VDC)

entiffic 2.4 complies with EN521, certificate **2531CT-0123** for gas operated devices.

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## STANDARD MAINTENANCE

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- Use a damp cloth to clean the exterior and the interior of the device.
- Always ensure cleanliness and original condition of thread connecting to gas cartridge. Any foreign object found on the thread must be removed.
- If the thread is damaged, please contact your nearest dealer for repair.

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## STORAGE

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- Keep the ENTIFFIC 2.4 in a cool and dry place
- Avoid storage in excessive heat.
- Keep out reach of children.

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