



Combined Diesel Hob and Heater for Campervans

An innovative cost and time saving system comes from Finland to make the lives of users and builders easier

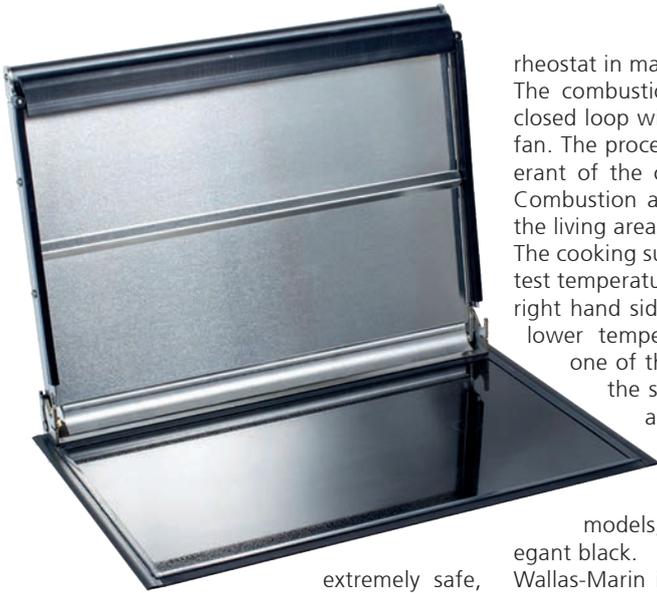
Words Enrico Bona

Established in 1972, Wallas-Marlin Oy is a privately owned company, located in Kaarina, Finland. The company has excellent experience in boat products (heaters, cookers, ovens), heaters for cottages, and stoves and heaters for recreational vehicles, especially focusing on the van sector. Despite the Covid emergency that also touched Finland in 2020, Wallas has been able to grow and confirms to be fully operational and structured to supply clients also in the 2021 season without delays in production. Building on the strong experience in nautical technology for over 40 years, Wallas XC Duo is a new all-in-one heating and cooking system for campervans. XC Duo is, first of all, a safe and convenient solution, both for builders and van owners. The combination of cooker and heater in a single system means there are no gas tanks since the fuel for the XC Duo is fed from the fuel tank of the vehicle and it takes operational power from 12 V leisure battery.

How it works

The design and the idea of Wallas XC Duo is suitable for big builders as well as for campervan specialized conversion companies: the solution saves installation time and, most of all, weight and space onboard the vehicle. XC Duo, based on a "balanced flue" system, pumps fresh air from the outside for the combustion through one tube and then extracts the exhaust out through the other tube to the underside of the vehicle to the head unit. The system is





reostat in manual control mode.

The combustion process takes place in a closed loop with the help of a combustion fan. The process is fully automatic and tolerant of the changes in the air pressure. Combustion adds no moisture or odor to the living areas.

The cooking surface is divided into the hottest temperatures on the left side while the right hand side is dedicated to cooking at lower temperatures. As convenience is one of the priorities at Wallas-Marin, the system has ceramic hobs and a glass top, which is easy to keep clean.

The modern design, similar to domestic kitchen models, is currently available in elegant black.

Wallas-Marin is looking into adding other colors for customization.



Jussi Oksanen

extremely safe, since there is no open flame and it has a sealed combustion: XC Duo does not produce condensation or spread poisonous gasses around the campervan overnight. The exhaust system, moreover, has also been designed to be particularly silent for the sleeping comfort of owners and camping neighbors. It must be added, as an advantage, that recreational vehicles that do not install gas systems have no parking restrictions, which is an important factor when choosing a campervan, along with the flexibility of city parking.

The cooker is operated by simply pushing a button and it has a very user-friendly control panel named Wallas PI-thermo.

This allows the delayed start/stop in order to protect the system from accidental operativity. PI-thermo control adjusts the heater function of XC Duo to heat up fast and after that it keeps the effect of the heater even to assure smooth inside temperature without any noticeable sound variations. The heater can also be controlled by simple

Benefits

The strenght of XC Duo is a 2 in 1 product. When the blower lid is lowered the unit turns into a heater. The temperature is adjustable from 0.9kW up to 1.8kW and, despite the high heating capacity, the surface of the lid will not get hotter than what is comfortable to the touch.

"Compared to gas, diesel gives you independence because it is available almost everywhere, and gives higher safety to the user" says Jussi Oksanen, CEO of Wallas "XC Duo provides a worry-free experience as there is no need to check on the propane tanks or to be concerned about poisonous emissions. In most countries, heating with



The Wallas PI-thermo control panel

diesel is also an economical solution compared to heating with gas. On the builder's side our new system makes their life much easier: eliminating the gas tank, indeed, saves space and weight and gives them a

very easy product to install on their lines. XC Duo is suitable for main campervans on Fiat, Mercedes, Volkswagen, Ford and Psa chassis. This product comes from the land of snow and cold, and we, in Finland, know something about heating systems! The feedback we are collecting from many big

builders and negotiations we are having with them, confirm that we are heading in the right direction".

Company profile

Wallas-Marin Oy is a privately owned company, located in Kaarina, Finland and established in 1972. Wallas products, mostly cookers, heaters and ovens, are aimed to the Boat, Cottage and Camper industries. All systems of the Company use diesel or paraffin oil as fuel and, due to low power consumption, are ideal for 12 V off-grid applications. Wallas-Marin is committed to quality, sustainability, and responsible consumption making durable products with a long life cycle.

Wallas applies, indeed, a corporate responsibility which includes Sustainable Development Goals as preserving the environment, assuring safety and health for workers and keeping high standards in enviromental design of products.

Wallas XC Duo benefits

- Safe
- Single Installation
- Easy to clean
- Simple controllability
- Economical
- Efficient
- Uses very little battery power
- Moisture free - no water vapour
- Good air movement in the vehicle
- Sealed combustion
- Silent exhaust
- No gas bottles
- Space-saving
- No parking restrictions
- Tunnel friendly
- High Altitude option
- Optional separate fuel tank (for petrol vehicles)
- 2-year warranty

