



EUROHEATER

PROFESSIONAL HEATING SOLUTIONS



**PORTABLE HEAT
FOR SAVING LIVES.**

www.euroheater.no



Our story

For over 20 years, the founder of Euroheater AS has worked with innovative solutions for the demanding conditions of arctic winters. Heat is always a challenge on arctic expeditions.

Searching for a safe, reliable, and portable heater he found no products in Europe that met his requirements. A collaboration was established with a Canadian producer of portable heater to develop and produce an air heater tailored for European requirements and standards.

The Euroheater 4D is a portable, reliable, and easy-to-operate heater designed for professional users. It focuses on user safety and environmental friendliness, being highly energy-efficient with low emissions.

Recognizing the life-saving and commercial potential of the finished product, Euroheater Ltd. was established in in Norway in 2023



WHY CHOOSE EUROHEATER?

High quality

The only multifunctional air heater/emergency heater in Europe, with quality standards and components from Canadian and European expertise. All components are CE-approved.

Developed for demanding conditions

Developed without compromise for efficiency and safety. Specifically designed for emergency services, civil defence, military operations and quality conscious consumers.

Burner technology and electronic components

We meet European quality standards for both burner technology and electronic components. CE-approved.

Multifuel

Our air heater provides versatility with fuel options such as diesel, biodiesel, kerosene, JP8 and F34.

Heat capacity

The air heater has a 7.5 liter tank. At low power (1 kW), it provides up to 65 hours of heat, which corresponds to 3 days. At full power (4 kW), it provides 15 hours of heat.

Safe and efficient power supply

The machine requires either a 12V battery or 110/230V power to operate the fuel pump and exhaust fan.


Example of power consumption

10-57W power consumption = low battery consumption. For example, a 2.3 kW Euroheater battery pack (accessory) provides up to 90 hours of continuous use at the lowest power level.

Designed for the fieldoperators

The air heater is quiet, water-resistant, shockproof and portable. It is available in three colors and can be locked for extra security.

NATO Stock Number (NSN)
4440-25-163-6858, Heater, Air Heater 4D



**EUROHEATER 4D
PROFESSIONAL HEATING
SOLUTIONS.**





Euroheater 4D

Military

Euroheater is a mobile professional and portable air heater for arctic temperatures down to minus 50 degrees, and 3,000 meters of altitude. The air heater is compact, quiet and developed with European quality components for long and safe use.

The machine heats cold and raw air using fuel and a 12V or 24V power bank, power outlet from a vehicle, boat, caravan or 230V from a normal socket. The machine is supplied with an analogue control panel for adjusting the amount of hot air and temperature as well as outside air which is water and dustproof and with a 5 m flexible power supply connector. The machine system is built into a Nanuk case which is water-resistant and shock-proof and made of cold-resistant material. The machine is lockable and has military specifications.



Premium quality

The Euroheater 4D Military is constructed with the best materials and components available. Its robust design ensures reliability and durability in demanding military situations. This makes it resistant to wear and provides a long service life.

The air heater is compact, quiet and developed with European quality components. The machine heats cold and raw air using fuel and a 12V battery, power outlet from the vehicle or 230V from a normal socket.



User friendly

The Euroheater 4D Military is portable and easy to transport. Giving soldiers the flexibility to quickly take the portable air heater to different locations as needed. It also has user-friendly features that make it easy to operate even under demanding conditions.

This mobile air heater is not limited to one purpose. It can efficiently heat everything from parked tanks and command posts to sanitary tents, mobile field kitchens, crew tents and shelters. It offers reliable warmth regardless of the scenario.

Patent pending



How Euroheater works

Fill up the tank with fuel such as diesel, industrial diesel, kerosene, JP8 and F-34.

First connect the control panel to the machine. Then connect to an optional power source via the supplied cables which are stored inside the case. Choose on the internal switch whether to use the Euroheater on 12V or 110/230V.

24V can be delivered on order.

Euroheater must always be left outside when in use and the machine draws in cold and raw air from the outside, and heats it up to dry and temperate air without humidity. Choose the heating effect via the included control panel and the machine blows dry hot air via an industrial hose. The hose withstands tough treatment, is flexible and retains heat well.

Insert the end of the air tube into the object you want to heat or supply fresh outside air. The brushless fan provides optimal circulation and delivers up to 168 m³ of air per hour. This ensures even heat distribution. The brushless motors are designed for long life and low power consumption.

Economical

- Economical in operation with a maximum of 0.5 liter consumption per hour at full power (4 kw) or 0.1 liter consumption per hour at lowest power (1 kw)
- Less fuel consumption , less logistics
- Low maintenance requirement
- Health and safety (Burner placed outside of shelter)
- Reliable in operations
- 14 hours of continuous use at full power, or until 60 hours of continuous use at lowest power (1 kw).
- Shockproof tank with a capacity of 7.5 liters of fuel.
- Runs on diesel, construction diesel, biodiesel, kerosene and F-34/JP8 (military fuel)



Patent pending



MILITARY | RESCUE | CIVIL DEFENCE

Technical specifications

Heating Capacity	High	4Kw (13,600 BTU/hr.)
	Low	1Kw (3,200 BTU/Hr.)
Fuel Type	Multi	JP8/F34/Diesel/Kerosene
Fuel Consumption, (L /Hr.)	Low - High	0.12 – 0.49
Fuel Tank Capacity L		7.5L
Rated Voltage		12V-17V (*24V) ; 100V -240V AC
Ambient air temperature		+20 ÷ -45°C
Max. Altitude		3000m
Power Consumption, W	Start / Stop	100
	High	57
	Low	10
Air flow, cfm (m3/h.)	High	71 (168)
	Low	41 (70)
Dimensions, package L x W x H, mm	Unit	622 x 330 x 457
Weight, Kg	Unit	16.5
Exhaust emissions Maximum value		C 0.09% NOx 80.9 ppm HC 46.3 ppm
Cables	Prysmian Group Carol	-40 °C, UV-resistant, oil resistant
Connectors	Neutrik	
Heater	Autoterm	4D Diesel Air heater
NATO Stock Number (NSN)	4440-25-163-6858, Heater, Air Heater 4D	

All parts are CE approved
*24V can be produced on order

Patent pending



Euroheater air tube

Air duct adapted to Euroheater's specifications. Euroheater's air tubes are flexible and with spiral springs to withstand hard use in cold environments. They are adapted for up to 140 degrees heat. Length 3.3 m is standard and can delivered in Ø60 and Ø76. Longer lengths are priced on request. Delivered without case.



Nanuk case

The large but light NANUK 940 protects larger, sensitive equipment from the elements. The waterproof, dustproof, impenetrable and robust NK-7 resin shell is secured with the superior PowerClaw locking system.



MOLLE stand

A durable stand for transport, designed to be securely mounted in vehicles, trailers, scooters, sleds, and vessels. It is easy to assemble and specifically adapted for the Euroheater 4D, allowing for quick heat setup with the heater positioned in the stand.



Heavy load carrier

The LOKI heavy-duty backpack is designed to transport items such as jerry cans, Peli Case or other brand cases where a regular backpack won't fit. It can be used both with and without body protection systems and has a modern design with an adjustable storage area.



Protective cover

Protects your Euroheater during transportation and longer time storage. Make cleaning easier with a cover or bag after transportation or storage. Our covers protect and extend the life of the component during transportation in rough terrain or along roads.



Bag with handle

Safeguard your Euroheater during transport and extended storage with a protective cover or bag. These covers make post-transport cleaning easier and shield the component from wear, especially during travel on rough terrain or roads, helping to extend its lifespan.





EUROHEATER
PROFESSIONAL HEATING SOLUTIONS

| **4D MILITARY**



Patent pending

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EUROBATT



Made in Norway

EUROBATT is a groundbreaking, Norwegian-designed battery engineered for tough use in demanding environments. With an impressive 2.3 kWh capacity and lightweight design, it's ideal for powering Euroheater 4D for up to 3-4 days on the lowest setting. Manufactured in Norway with high-quality European components, the battery withstands extreme conditions, including temperatures as low as -20°C. EUROBATT is waterproof with an IP66 certification, shock-resistant, and built to deliver power whenever you need it.



For field use, the battery can be charged with solar panels.



Fast charging in 2 hours with a 20-amp, 230V charger.

Gross Capacity	2.3 kWh	Max Discharge Current (Continuous) -20-10 °C internal	24.25 A
Nominal Capacity	2.11 kWh	Max Discharge Current (Continuous) -10-25 °C internal	60 A
Continuous Discharge Power	2.3 kW	Max Discharge Current (Continuous) -25-55 °C internal	60 A
Nominal Voltage	46.8 V	Weight	12.1 kg
Cut-off Voltage	37.7 V	Specific Energy	5.34 kg/kWh
Charge Voltage	53.3 V	Specific Power	5.34 kg/kWh
Nominal Charge (CCCV)	5 A @ 53.3 V 0.5 A end current	IP Rating	66
Maximum Charge (CCCV) 0-25 °C internal temp	20 A @ 53.3 V 0.5 A end current	External Dimensions (W x L x H)	278 mm x 455 mm x 89 mm
Maximum Charge (CCCV) 25-40 °C internal temp	15 A @ 53.3 V 0.5 A end current	Ambient Operating Temperature	-20 °C to 40 °C
Nominal Discharge Current	9.7 A	Storage Temperature - 1 month	-20 °C to 40 °C

Areas of use



Military use

- Heating of field accommodation, trenches, close defense positions, observation and listening posts.
- Heating of command posts, team tents, troop tents and dumps, parked tanks, command outposts, object security, guard and security areas.
- Heating medical tents/installations, mobile field kitchens, crew tent, shelter.



Search and rescue

- Fast heating solutions in the event of disasters.
- Heating of Cow and crew tents.
- Heating of triage tents and field hospitals.
- Patient warmer during transport. Heat during disaster and emergency relief.
- Heating at first aid stations during festivals and events.



The Civil Defense

- Heating of evacuation centers for temporary accommodation.
- Heating of areas for rescue personnel and volunteers.
- Heating of emergency areas and command centres.
- Heating of security areas, checkpoints, etc.
- Training use for civil defense personnel in emergency situations.



Fire & rescue

- Heating for technical rescue and accident management.
- Heating of temporary command centers during emergencies.
- Heating for disaster management and intervention areas.
- Heating solutions for emergency treatment in the event of accidents or the like.
- Ambulance heating for patient comfort during transport.



Police

- Heating at crime scenes for optimal conditions for e.g. evidence collection.
- Heating of control points and border security.
- Heating solutions for police checks and larger events.
- Heating during emergencies and disaster management.
- Use of heating solutions during tactical training.

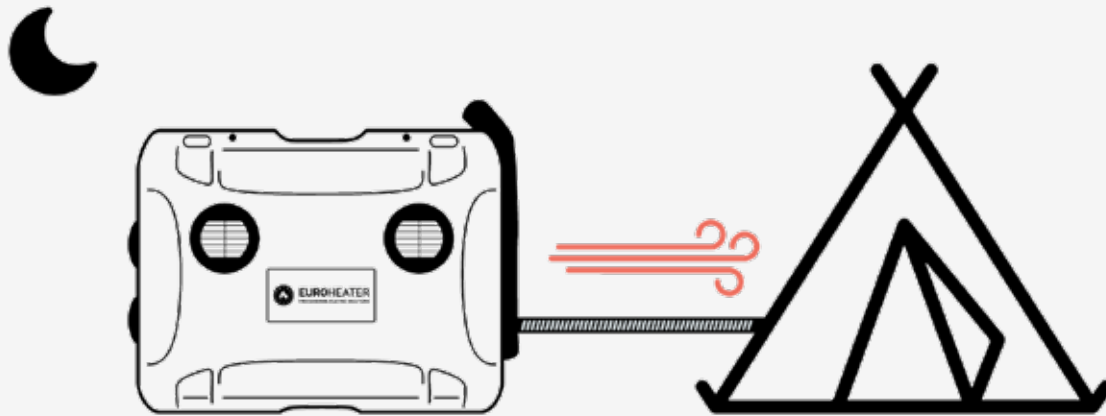


Emergency aid organisations

- Heating of mobile health centers for the treatment of the injured and sick.
- Heating of temporary rest and recreation areas for evacuees.
- Heating of areas for emergency personnel and volunteers.
- Heating of emergency centers for temporary accommodation.
- Temporary heating of logistics and storage areas.

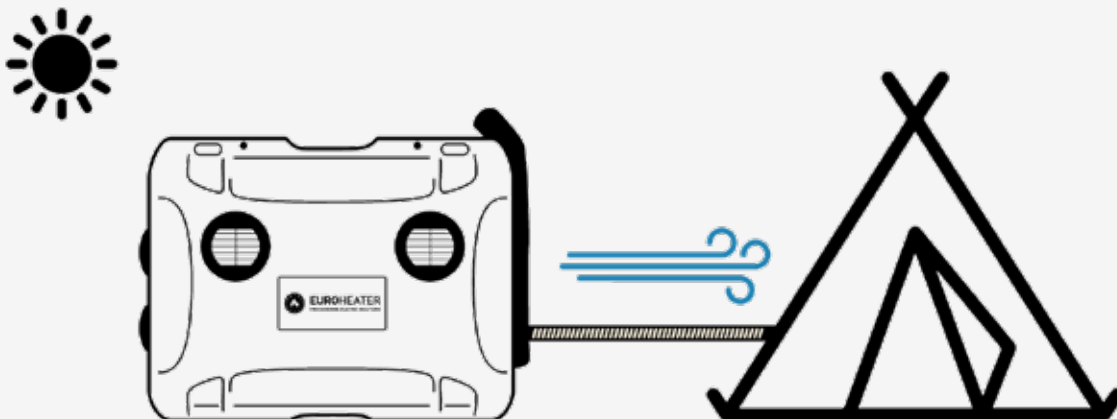


Multiple areas of use



Efficient heating

With Euroheater, you can easily maintain comfortable temperatures in various environments. By drawing in cold air from the outside and heating it up to dry and temperate air, Euroheater gives you full control over the ambient temperature. The brushless heating fan ensures optimal circulation, delivers up to 168 m³ of air per hour, and ensures even heat distribution. With brushless motors designed for long life and low power consumption, the Euroheater is a reliable and energy efficient solution for your heating needs.



Fresh air for a pleasant climate

Euroheater is not only a heating solution, it can also be used to improve the indoor environment by drawing in cold, fresh air from the outside. By using Euroheater for ventilation, you can achieve a cool and comfortable temperature. The brushless fan ensures optimal circulation of the air and provides even distribution of the air flow. With brushless motors designed for long life and low power consumption, Euroheater is a reliable choice for creating a comfortable and healthy indoor environment.



A dramatic scene set in a high-altitude, snowy mountain range. In the upper left, the tail rotor and part of a helicopter are visible against a pale, overcast sky. In the foreground, two rescue workers wearing yellow helmets and dark gear are seen from behind, looking out over a vast, snow-covered valley. The overall atmosphere is one of a challenging and high-stakes environment.

PORTABLE **HEAT** FOR SAVING LIVES.

The ultimate solution for many demanding situations, and the perfect solution for Search and Rescue (SAR) missions.

CANHEAT



| CanHeat

CANHEAT

RELIABLE **HEAT**
IN TOUGH
ENVIRONMENTS.

EQUIPPED WITH
NATO
SYSTEMS



NATO-Systems

CANHEAT has NATO's standard connectors in order to integrate with existing installations and vehicles. All parts and components in this product are assembled for tough use in demanding environments and are designed so that soldiers can operate the heater with ease.



CANHEAT Tactical military heating system

The product was developed in Canada at the request of US Marines who needed to provide their soldiers with a solution for a mobile and portable heating system that had to be easy to use and deliver the necessary quality in relation to many users in many different scenarios all over the globe in different climate zones. The requirements had to be compatible with NATO standards for and be able to extract power from various power sources with 12V/110V/230V with standard NATO connections and that the system had to be able to also be used on NATO's own battery systems.

Portable air heater for military

With Canheat air heaters, you get high-quality heating designed for arctic and cold climates. These portable units provide reliable heat for various needs and can be easily carried or fixed in place. Cold, damp air is transformed into dry, comfortable warmth, eliminating moisture and condensation issues.

Tested in tough conditions, Canheat offers economical heating with flexible operating modes and outdoor heat sources, ensuring safe use even during sleep. Compact yet efficient, Canheat easily fits in a vehicle or can be mounted on a packing frame or Molle system. It's Europe's answer to mobile tactical heating for professional military units..



Supplied complete as follows in 3 portable suitcases

- Canheat Tactical air heater MIL SPEC
- Canheat Tactical control case MIL SPEC
- Canheat Tactical with 2 x 3 m air hoses with quick coupling MIL SPEC
- Canheat Tactical 3 meter industrial polar cable 12V with NATO connector
- Canheat Tactical 3 meter industrial polar cable 230V Europe with NATO connector
- Canheat Tactical Industrial inverter and software system
- Canheat Tactical 7.5 liter fuel tank mounted air heater
- Norwegian and English user guide
- Designed for demanding conditions

Accessories - extra equipment

- Canheat Tactical Bren Tronics BB-2590 Rechargeable Batteries NATO STD
- Canheat Tactical Bren Tronics battery charger
- Canheat Tactical protective cover in waterproof material.
- Canheat Tactical pack frame for carrying on the back during movement.
- Canheat Tactical molle racks for transporting Canheat Tactical machines on vehicles
- Canheat Tactical carbon monoxide alarm to prevent accidents.

Patent pending

Canheat Tactical consists of 3 cases with military specifications

One is the air heater itself, the second is the control box from which the system is controlled and the third is a case for the 2 air hoses that are included.

During operation the air heater should always be outdoors. The control box can stand indoor in the heated area.

Attach the air hose and insert the end piece into the object you want to heat and press the start button.

CanHeat can operate only on batterie. The heater will consume power from the first battery and seamlessly will all 3 batteries use one after the other as they are empty. Each battery works for up to 7 hours at full power so here you have operation for 21 hours. Discharged batteries can be removed at the same time as the machine is in operation for and recharging.

Alternatively, you can use the machine on 12V/110/230 V to drive the burner itself and the exhaust fan.

Our products have been carefully developed for robust and safe operation for consumers under demanding conditions and will be a ground-breaking tool for comfort or, in the extreme, could save lives!

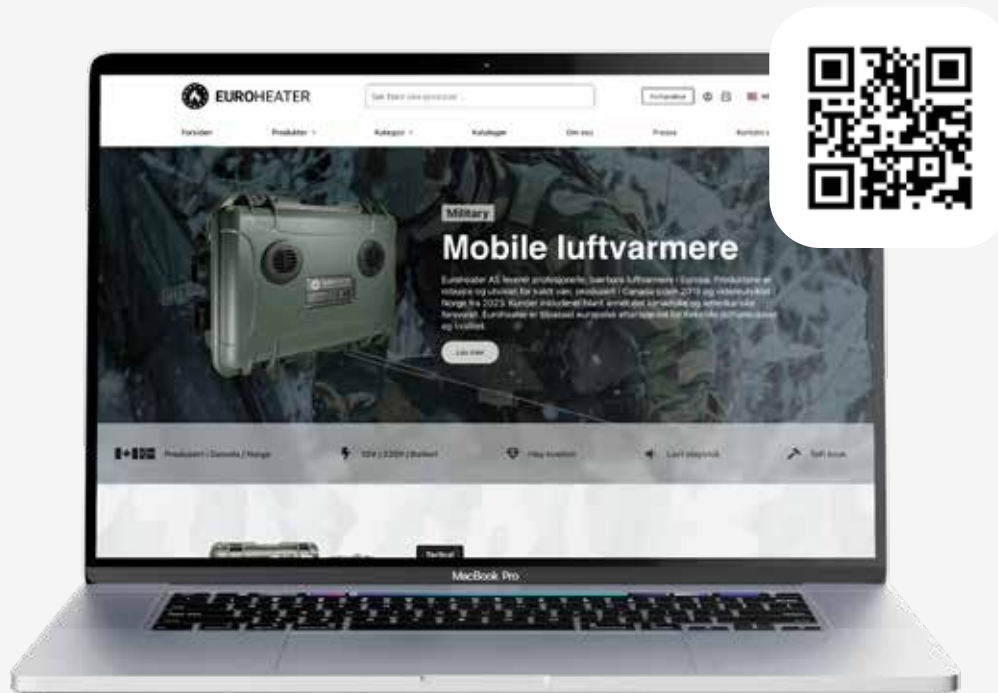


Advantages

- Economical in operation with a maximum of 0.5 liter consumption per hour at full power (4 kw) or 0.1 liter consumption per hour at lowest power (1 kw).
- 14 hours of continuous use at full power, or three days of continuous use at the lowest power (1 kw).
- Shockproof tank with safety valve and capacity of 7.5 liters of fuel.
- Runs on diesel, construction diesel, kerosene and F-34/JP8 military fuel.

Rated Voltage	12v - 17v Dc ; 100v - 240v Ac
Fuel	F-34 / Jp-8 / Diesel / Kerosene
Heating Capacity	1.0 – 4.0 Kw
Maximum Altitude	4200 M
Lowest Ambient Temperature	-50°C
Air Flow Rate	70 – 168 M³/H
Fuel Consumption	0.12 – 0.5 L/H
El. Power Consumption	10.0 – 57.0 W
Weight	Heater with accessories 15.0 Kg
	Power / Control Box 6.0 Kg
Dimensions (L X H X D)	Heater 622 X 457 X 330 mm
	Power / Control Box 432 X 330 X 241 mm

Patent pending



Do you want more information?

Visit euroheater.no to get a detailed overview of our wide selection of professional, portable air heaters. On the website you will find specifications, areas of use and customer reviews that can help you find the right air heater for your needs. Euroheater is dedicated to offering robust and reliable solutions for even the harshest environments. Explore our products today and experience the quality and reliability that characterizes Euroheater.

www.euroheater.no

A large blue tent is set up in a snowy environment. A metal chimney pipe protrudes from the top of the tent, indicating the presence of a heater inside. The background shows a utility pole and a street lamp, suggesting an outdoor or emergency setting. The overall scene is dimly lit, emphasizing the cold and harsh conditions.

PORTABLE **HEAT** SOLUTIONS.

The Euroheater 4D is used by Civil Defence to heat up tents and keep people warm in rough and cold conditions.

When the situation demands resilience and immediate warmth, the Euroheater 4D is the ultimate solution.





EUROHEATER

PROFESSIONAL HEATING SOLUTIONS

Euroheater AS supplies professional, portable air heaters in Europe. The products are robust and developed for cold weather, manufactured in Canada since 2015 and further developed in Norway from 2023. Customers include the Canadian and American armed forces. Euroheater is adapted to European demand for flexible operating modes and quality.



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