



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 sustainability, delivering high energy efficiency and low emissions.

Recognizing the life-saving and commercial potential of the finished product, Euroheater Ltd. was established 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 72 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 (61 db), 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



Euroheater 4D

Military

Euroheater 4D is a mobile professional and portable air heater for arctic temperatures down to minus 50 degrees, and 5.400 meters of altitude. The air heater is compact, quiet (61 dB) and developed with European quality components for long and safe use.

The machine heats up 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 airflow and temperature. The panel is water- and dustproof and includes a 5 meter flexible power supply connector.

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 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.



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



Easy to use

- 1) Fill up the tank with fuel such as diesel, biodiesel, kerosene, JP8 and F-34.
- 2) 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.
- 3) Euroheater must always be left outside when in use. The machine draws in 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.
- 4) 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 steady air flow. This ensures even heat distribution. The brushless motors are designed for long life and low power consumption.

Benefits

- Economical in operation with a maximum of 0.49 liter consumption per hour at full power (4 kw) or 0.1 liter consumption per hour at lowest power (1 kw).
- Less fuel consumption, significant less logistics.
- Low maintenance requirement.
- Health and safety (burner placed outside of shelter).
- Reduced fuel spill.
- Reliable in operations.
- 14 hours of continuous use at full power.
- 72 hours of continuous use at lowest power (1 kw).
- Shockproof tank with a capacity of 7.5 liters of fuel.
- Runs on diesel, biodiesel, kerosene, JP8 and F34.



Patent pending



MILITARY | SEARCH & RESCUE | CIVIL DEFENCE

Technical specifications

Heat Capacity	High	4Kw (13,600 BTU/hr.)
	Low	1Kw (3,200 BTU/Hr.)
Fuel Type	Multi	JP8/F34/Diesel / Kerosene
Fuel Consumption	Low - High	0.12 – 0.49L
Fuel Tank Capacity		7.5L
Rated Voltage		12V-17V (*24V) ; 100V -240V AC
Ambient air temperature		+20 ÷ -45°C
Mak. Altitude		5400 m
Power Consumption (max.)	Start / Stopp	100W
	High	57W
	Low	10W
Air flow, cfm	High	71 (168) m3/h
	Low	41 (70) m3/h
Dimensions, package (L x W x H)	Unit	622 x 330 x 457 mm
Weight	Unit	16.5 kg
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 be 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. 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 and hard cases, where a regular backpack wouldn'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.



MADE IN NORWAY

CO-alarm

Designed to enhance safety by detecting carbon monoxide (CO). This compact device continuously monitors air quality and provides instant alerts if CO levels become hazardous, ensuring safe operation. Dimensions (LxWxH): 60x60x27 mm Weight: 55 g

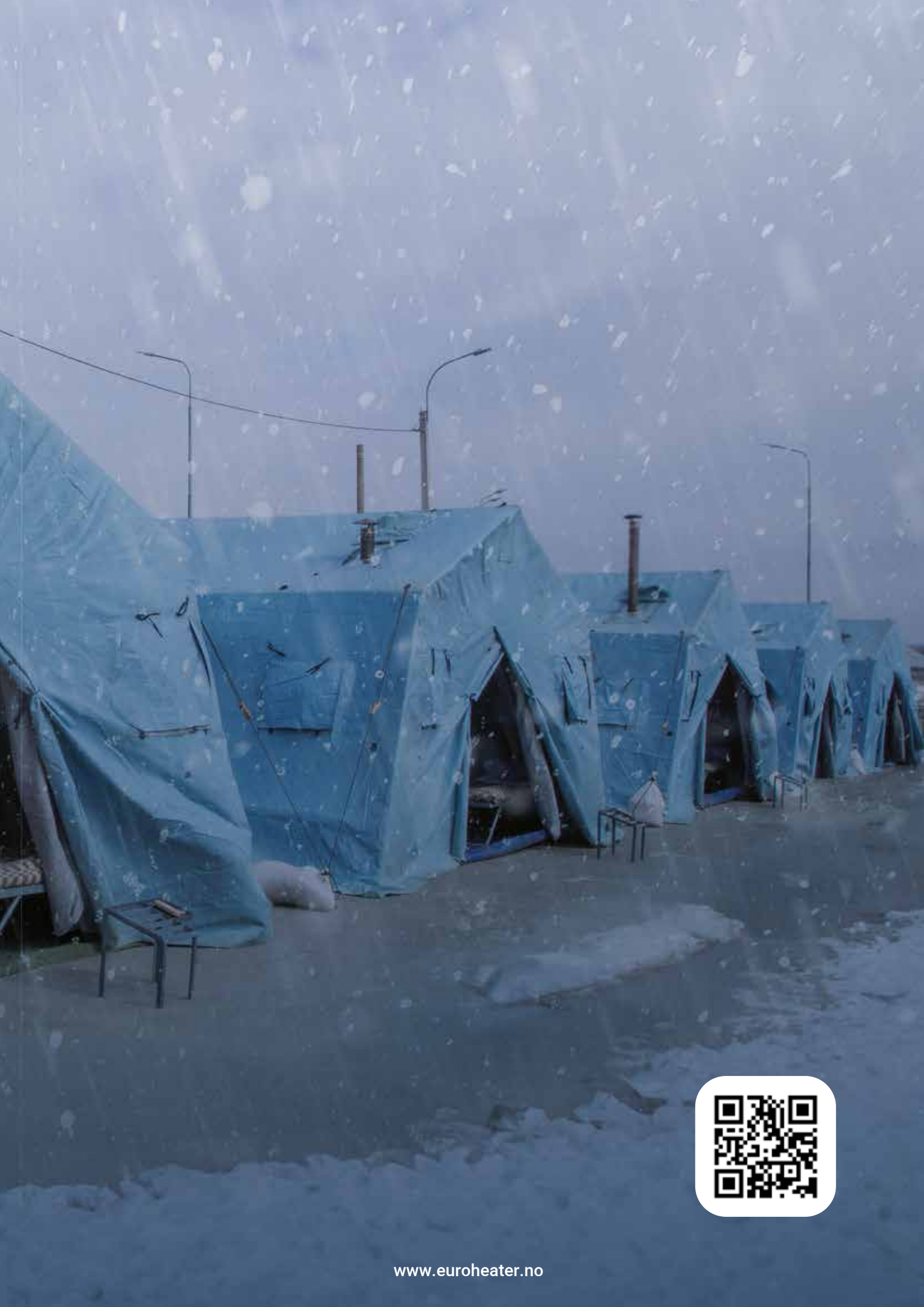


A large blue tent is set up in a snowy environment. A heater is mounted on the roof of the tent. The background shows a utility pole and a street lamp. The overall scene is cold and wintry.

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.





Euroheaters



Drones



Night Optics



Communication



Laptops



FLEXIBATT Made in Norway

FLEXIBATT 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 operating temperatures as low as -20°C. FLEXIBATT 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.

Continuous discharge Power 12V	240w	Max discharge 2x2 USB-B & C	120w (2x60w)
Nominal Capacity	2.3 kWh	Gross Capacity	2.4 kWh
Max discharge Power 48V	4000 kW	Max Discharge Current 48V	100 Amp
Continuous discharge Power 48V	3000 kW	Standard discharge current 48V	75 Amp
Cut-off Voltage (SOC 0%)	35.1v	Weight	12.1 kg
Charge Voltage (SOC 100%)	56.4v	Specific Power	5.2 kg/kWh
Standard Charge (CCCV)	5 Amp	IP Rating	66
Maximum Charge (CCCV)	20 Amp	External Dimensions (W x L x H)	278 x 455 x 89 mm
Storage Temperature	-20 °C to 45 °C	Ambient Operating Temperature	-20 °C to 45 °C



**EMPOWERING
THE FUTURE**





Military use

- Heating of field accommodation, trenches, close defense positions, observation and listening posts.
- Heating of command posts, tents, armored vehicles, motor pools, 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 dining 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.
- 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.
- Ambulance heating for patient comfort during transport.



Police

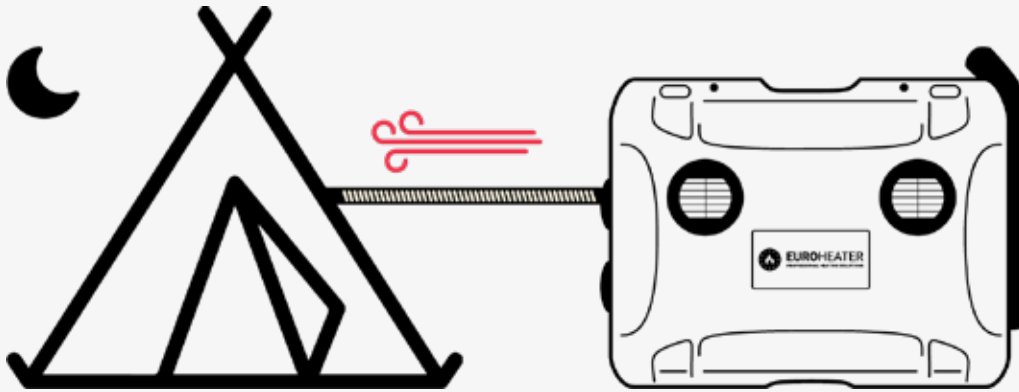
- Heating at crime scenes for optimal conditions for e.g. evidence collection.
- Heating of control points and border security.
- Heating solutions for police checks and larger events.
- Heating during emergencies and disaster management.
- Use of heating solutions during tactical training.



Emergency aid organisations

- Heating of mobile health centers, ensuring optimal conditions for treating 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.

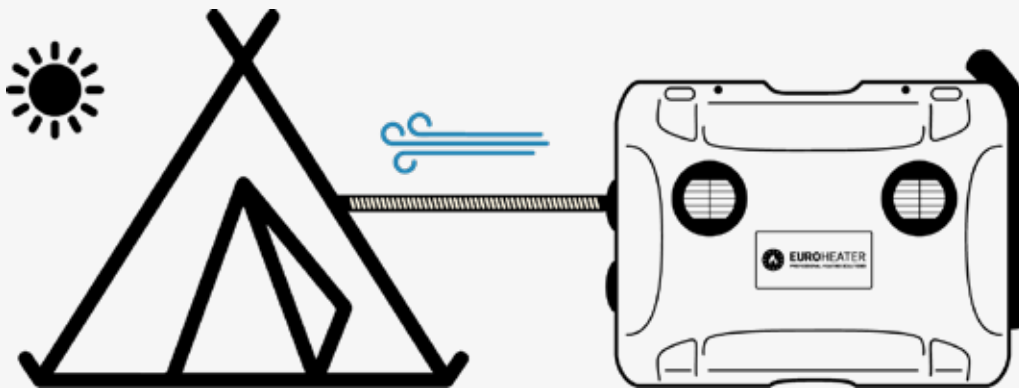
Patent pending



Efficient heating

With Euroheater, you can easily maintain comfortable temperatures in various environments. By drawing in cold air from the outside and heating it to dry, temperate air, Euroheater gives you full control over the ambient temperature.

The brushless heating fan 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, Euroheater is a reliable and cost-effective solution for your heating needs.



Fresh air for a pleasant climate

Euroheater is more than just a heating solution, it can also be used to improve the indoor air quality by drawing in cold, fresh air from the outside. When used for ventilation, Euroheater can maintain a cool and comfortable temperature indoors.

The brushless fan ensures optimal circulation and even air distribution. With brushless motors designed for longevity and low power consumption, Euroheater offers a dependable solution for creating a comfortable and healthy indoor environment.

Patent pending



A helicopter is visible in the upper left corner, flying over a vast, snow-covered mountain range. In the foreground, two rescue workers wearing yellow helmets and dark gear are seen from behind, looking out over the terrain. The overall scene is a high-altitude, cold environment, likely a Search and Rescue (SAR) mission.

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 the U.S. Marines, who required a mobile and portable heating solution for their soldiers.

The system needed to be user-friendly, reliable, and capable of delivering high performance across diverse scenarios worldwide, including various climate zones. It was designed to meet NATO standards and to operate with multiple power sources, including 12V, 110V, and 230V, using standard NATO connections. Additionally, the system was engineered for compatibility with NATO's proprietary battery systems.

Portable air heater for military

CanHeat air heaters deliver high-quality heating solutions specifically designed for arctic and cold climates. These portable units provide reliable and efficient heat for a wide range of applications and can be easily carried or securely installed. By converting cold air into comfortable warmth, they efficiently prevent moisture buildup and condensation problems.

Engineered and tested under demanding conditions, CanHeat offers economical heating with flexible operating modes and compatibility with outdoor heat sources, ensuring safe use even during sleep. Compact yet powerful, CanHeat units are designed to fit seamlessly in vehicles or be mounted on packing frames or Molle systems. As Europe's premier solution for mobile tactical heating, CanHeat is trusted by professional military units for its reliability and performance.



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 battery. The heater will consume power from the first battery and seamlessly switch to the next using all three batteries consecutively as they deplete. Each battery provides up to 7 hours of operation at full power, ensuring a total runtime of 21 hours. Depleted batteries can be safely removed and recharged without interrupting the machine's operation.

Alternatively, the machine can be powered by 12V, 110V, or 230V to operate the burner and exhaust fan efficiently.

Our products have been developed to ensure robust and safe operation under demanding conditions. They are ground-breaking tools for comfort and, in extreme situations, could save lives!



Advantages

- Economical in operation with a maximum of 0.49 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, biodiesel, kerosene, JP8 and F34.

Technical specifications

Rated Voltage	12V-17V DC; 100V-240V AC	
Fuel Type	F-34 / JP-8 / Diesel / Kerosene	
Heating Capacity	1,0-4,0 kW	
Maximum Altitude	5 400 m	
Lowest Ambient Temperature	-50 °C	
Air Flow Rate	70-168 m ³ /h	
Fuel Consumption	0,12-0,49 l/h	
El. Power Consumption	10,0-57,0 W	
Weight	Heater with accessories	15,0 kg
	Power / Control Box	6,0kg
Dimensions (L x H x D)	Heater	622 x 457 x 330 mm
	Power / Control Box	432 x 330 x 241 mm

Patent pending





EUROHEATER

PROFESSIONAL HEATING SOLUTIONS

Euroheater AS supplies professional, portable air heaters tailored for the European market. Designed for cold weather and built to endure, these robust heaters have been manufactured in Canada since 2015 and further developed in Norway from 2023. Trusted by the Canadian and American armed forces, Euroheater products are engineered for flexible operation and exceptional quality.

Visit euroheater.no to explore our wide range of heaters. Our website provides detailed specifications, areas of use, and customer reviews to help you choose the perfect solution for even the harshest environments. Discover the reliability and quality that define Euroheater today!

