



# EUROHEATER

PROFESSIONAL HEATING SOLUTIONS



**PORTABLE HEAT  
FOR SAVING LIVES.**



## 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. While preparing for the coming winter, he sought a safe, reliable, and portable heater but found no products in Europe that met his requirements.

After an extensive international search, he found a producer in Canada that had been manufacturing air heaters since 2015. These heaters were close to his specifications. A collaboration was initiated to develop and produce an air heater tailored to Nordic and European requirements.

The Euroheater 4D emerged from this cooperation as a portable, reliable, and easy-to-operate heater designed for professional users. Additionally, 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 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.

### Reliable partner

US and Canadian military air heater since 2015.

### 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, 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 2.2 kW Euroheater battery pack (accessory) provides up to 200 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 4 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.

Euroheater is a 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. 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 the 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





## Quality and durability

For the best possible quality, we have chosen to use the best components available in Europe, including Autoterm heating unit manufactured in the EU and solid Neutrik connections manufactured in Liechtenstein, Europe. The machine has an industrial inverter as standard. This is built in for flexible operating modes. Everything is assembled and CE approved for Europe. Mounted in a solid lockable tactical case from Nanuk in Canada. All product cables are supplied with nitrile insulation for handling in arctic conditions down to -40 degrees Celsius.

## 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 m<sup>3</sup> of air per hour. 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 0.5 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 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, kerosene and F-34/JP8 ( military fuel )



Patent pending



**MILITARY | RESCUE | CIVIL DEFENCE**

**Technical specifications**

<b>Heating Capacity</b>	High	4Kw (13,600 BTU/hr.)
	Low	1Kw (3,200 BTU/Hr.)
<b>Fuel Type</b>	Multi	JP8/F34/Diesel/Kerosene
<b>Fuel Consumption, (L /Hr.)</b>	Low - High	0.12 – 0.49
<b>Fuel Tank Capacity L</b>		7.5L
<b>Rated Voltage</b>		12V-17V (*24V) ; 100V -240V AC
<b>Ambient air temperature</b>		+20 ÷ -45°C
<b>Max. Altitude</b>		4200m
<b>Power Consumption, W</b>	Start / Stop	100
	High	57
	Low	10
<b>Air flow, cfm (m3/h.)</b>	High	71 (168)
	Low	41 (70)
<b>Dimensions, package L x W x H, mm</b>	Unit	622 x 330 x 457
<b>Weight, Kg</b>	Unit	16.5
<b>Exhaust emissions Maximum value</b>		C 0.09% NOx 80.9 ppm HC 46.3 ppm
<b>Cables</b>	Prysmian Group Carol	-40 °C, UV-resistant, oil resistant
<b>Connectors</b>	Neutrik	
<b>Heater</b>	Autoterm	4D Diesel Air heater
<b>NATO Stock Number (NSN)</b>	4440-25-163-6858, Heater, Air Heater 4D	

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

Patent pending



## Euroheater air tube

**Ø60 / Ø76**

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.

Delivered without case. This must be ordered separately.

## Euroheater 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.

Built to organize, protect, carry and withstand harsh conditions, the waterproof NANUK 940 storage box is impenetrable and indestructible with a lightweight, robust NK-7 resin shell and the PowerClaw locking system. With NANUK's exclusive locking system, the box stays closed and secured until you're ready to open it.



## Europower

Europower combines full mains power (3600 W) with portable design. The battery bank has a long operating time of 2.1 kWh, lightning-fast charging of under 3 hours and the ability to power any 230V device with 3.6 kW of power.

The portable power source is a ground-breaking product that combines technology with a light and portable design. The battery bank is powered by high-performance lithium batteries and equipped with gas-tight battery cells. The nominal main storage of 2100Wh is divided into independent elements under 100 Wh, and enables a quick charge of under three hours. The battery bank provides exceptional and reliable power supply, and has enough power to last for several days. Perfect for professionals with high power requirements.



## Coming soon

- Transportation cover
- Framed back carrier
- Mounting frame
- Carbon Monoxide (CO) -meter
- Small portable batteries (new technology).



**EUROHEATER**  
PROFESSIONAL HEATING SOLUTIONS

| **4D MILITARY**



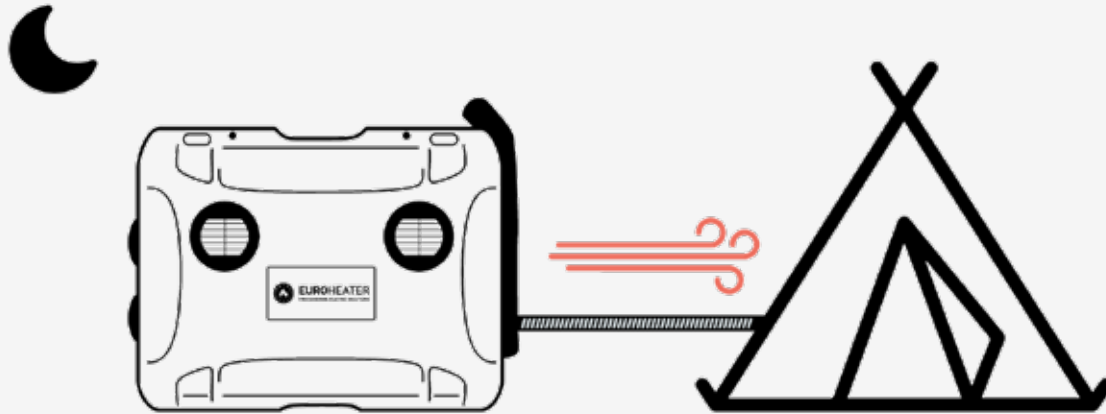
Patent pending

[www.euroheater.no](http://www.euroheater.no)



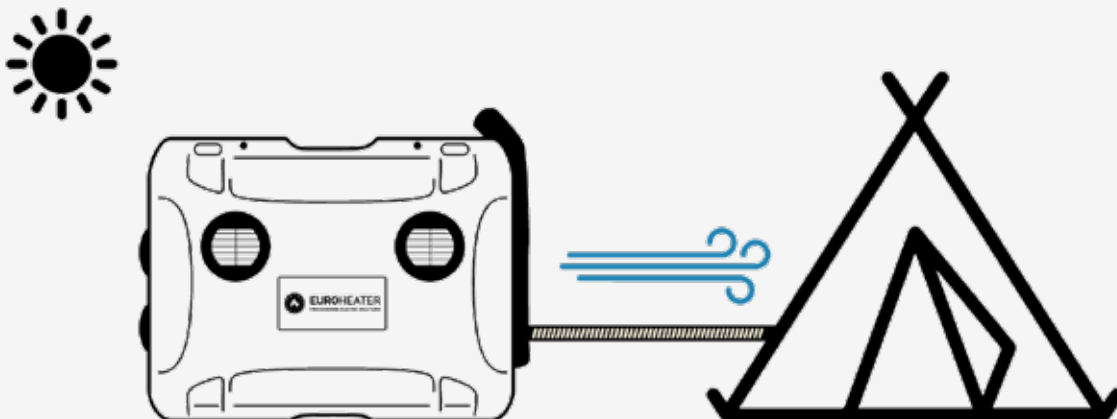


## Multiple areas of use



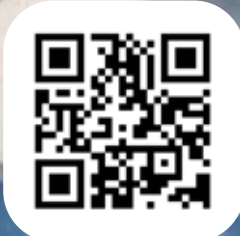
## Efficient heating

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 m<sup>3</sup> 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 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 landscape. The overall scene is set in a high-altitude, cold 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.

### Canheat Tactical info:

- The only mobile portable tactical system developed for military departments in Europe and the United States with a NATO layout.
- Safe and secure heating without an open flame.
- The heating unit is always outside in the open air so that soldiers are never exposed to exhaust fumes.
- No exhaust gases/carbon monoxide are mixed with heated air that is blown into the accommodation.
- Brushless motor for very long durability.
- Quiet with only 62 decibels of sound 1m from the air heater.
- Water-repellent and cold-resistant, shockproof construction in a case.
- Canheat has been tested in minus 50 degrees Celsius.
- Used with Diesel, construction diesel, kerosene or F34 (the defense fuel) as fuel in the supplied 7.5 liter container.
- The burner itself in the machine and fan must be connected with the supplied cables to a 12 V battery, 110 / 230 V power, or to BB-2590 batteries that can be purchased externally from us (military NATO) batteries.  
Can be used up to an altitude of 3,000 metres.



### 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 - portable air heater for military

With air heaters from Canheat, you get quality created for arctic and cool climates, as your faithful partner who supplies safe and secure heat for consumers in various scenarios you need. Our product is portable and can easily be carried or have the device in use in a fixed position. Cold and damp air is transformed into dry and comfortable heat without moisture and condensation problems.

This machine give heat in an economical way, tested under the toughest conditions, flexible operating modes give increased flexibility for the operator and bo safety supervision during sleeping since the heat source is outdoors.

Canheat is small in size, but efficient and advantageous in operation compared to other expensive heat sources. The system fits easily in a vehicle, alternatively put it on a packing frame for personal transport or put it in one of our molle systems for mounting inside or outside a vehicle.

Canheat is Europe's answer to mobile tactical heat for all professional military departments.



### How Canheat Tactical works

Fill up the tank of your Canheat Tactical heater with fuel such as diesel, construction diesel, kerosene or the defense fuel F-34 with a maximum of 7.5 litres.

The Canheat Tactical machine must always be left outdoors and the machine sucks in cold and raw air from the outside, and heats it up to dry and temperate air without humidity. Choose the temperature yourself via the control box that comes with it and the machine blows out dry warm air via a 3 meter long industrial hose that withstands tough treatment, is flexible and holds heat well. Lead the end of the air tube into the object you want to heat.

The brushless hot fan provides favorable circulation and delivers up to 168 m<sup>3</sup> of air per hour, which ensures even heat distribution. The brushless motors are designed for long life and low power consumption.

### 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.

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!



#### Areas of use:

- Heating of field hospitals, triage tents and when transporting the injured.
- Heating of the command centre/team tent/troop tent and depot. Heating of field accommodation and emergency bivouac.
- Heating of trenches and close defense positions/ observation & listening posts.
- Heating of combat vehicles / guard & security areas / object security.
- Warming up of injured patients or for sanitary locations.
- Heating of cover room and evacuation site.

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

Patent pending

A blue tent is pitched in a snowy environment. A heater is visible on top of the tent, with a chimney pipe extending upwards. The scene is dimly lit, suggesting a cold, overcast day. The tent is secured with ropes and stakes. In the background, a utility pole and a street lamp are visible against a grey sky. Snow is falling or has accumulated on the ground and the tent's surface.

# 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.**







# 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.



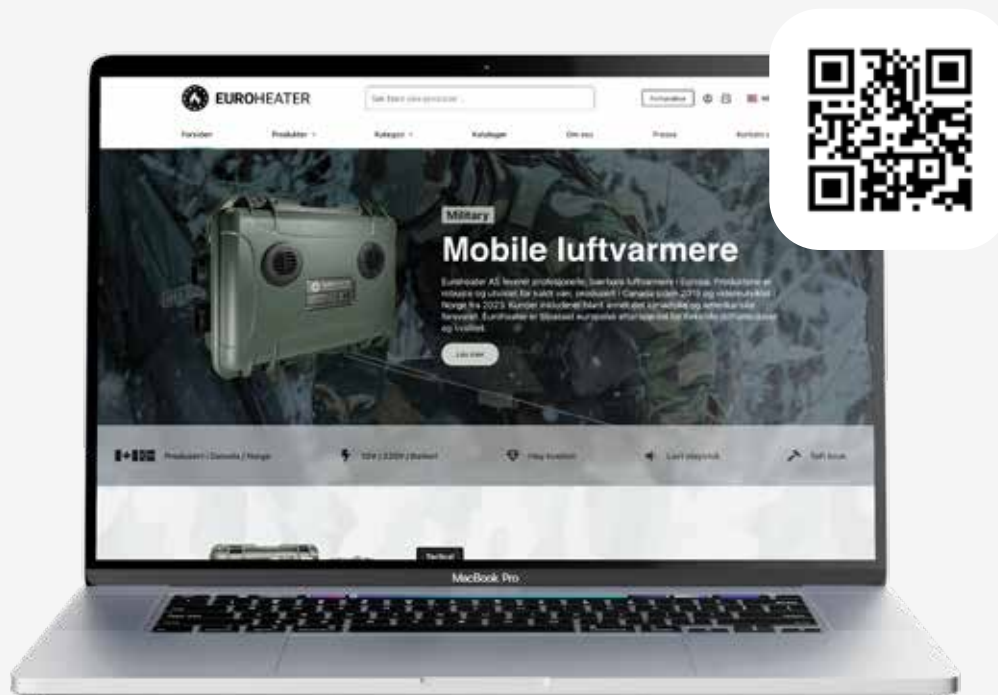
## Police

- 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.



## Do you want more information?

Visit [euroheater.no](http://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](http://www.euroheater.no)



# 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.



**EUROHEATER**  
PROFESSIONAL HEATING SOLUTIONS

