



# EUROHEATER

PROFESSIONAL HEATING SOLUTIONS

# PROFESSIONAL HEATING SOLUTIONS

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



# CANHEAT

## Tactical

## Portable heat solutions for military NATO forces in Europe

### CANHEAT

#### CanHeat 4D-22

4.0 kw

CanHeat has been developed for military purposes and is intended to provide soldiers and units with the necessary heat in cold weather and demanding climates for increased ability in the field.

CanHeat was developed in Canada at the request of the American US-Marines as needed for a mobile tactical system based on their already well-proven technology that could deliver heat in cold climate zones with an integration and compatibility based on NATO's specifications.



### Why choose CanHeat?

- The only portable heating system developed for military departments in the USA and Europe with a NATO setup.
- Safe and secure heating without an open flame.
- The ignition source is kept outside of the heated space for additional safety.
- No exhaust gases/carbon monoxide are mixed with the heated air.
- Brushless motor
- Water-repellent and shockproof construction.
- CanHeat has been tested and approved for use down to minus 50 degrees Celsius.
- Comes with a separate power/control box that stays inside the heated space and is connected to the external heater with a single cable. Accommodates up to three BB-2590 16.8V batteries. External power sources: 12v DC or 100/240v AC. Adjustable heat control.
- Operates on JP-8/F-34, diesel, or kerosene and DC or AC electrical power. Note: Electrical power is used only to run fuel pump and blower fan.
- Capable of high-altitude operation up to 4200 m and higher.

# PORTABLE **HEAT** SOLUTIONS FOR CHALLENGING ENVIRONMENTS.

EQUIPPED WITH  
**NATO**  
SYSTEMS

## How CanHeat works

Powered by F-34/JP-8 (military fuel), diesel or kerosene. In addition to battery operation which is integrated into the system, you can also use the 12V or 100 - 240V power cables that are included.

The machine uses cold moist raw air from outside and converts it into warm dry air.

By using both of the included air hoses, you can use existing heated air as return to increase the comfort temperature faster.

## CanHeat Capacity

The 7.5 liter fuel tank lasts for up to 15 hours of operation at full heat output 4kw - at the lowest heat output, one tank lasts for 60 hours of continuous operation.

CANHEAT is operated with up to 3 Lithium Ion batteries Bren-tronics BB-2590/U which is the standard battery in most NATO products for communication and robot systems

Each battery can have an operating time of up to 7 hours at full power (4kw) or 25 hours at lowest power (1kw)

With continuous use with 3 batteries at full power up to 21 hours or 75 hours at lowest power.



## NATO-Systems

CANHEAT is set up with NATO's connectors to be part of integration with existing installations and vehicles. All parts and components in this product are intended for tough use in demanding environments and are designed so that soldiers can operate the machine with ease.





# PORTABLE HEAT FOR SAVING LIVES.

EQUIPPED WITH  
**NATO**  
SYSTEMS



## CanHeat standard includes:

- 3 Nanuk suitcases with military specifications
- Air heater
- Control unit
- NATO power and signal cable 3 m
- NATO power cable 12V-DC power source
- NATO power cable 100-240-AC power source
- Hose for hot air round trip 3 m
- Instruction manual

## Accessories

- Bren-Tronics, Inc. BB-2590/U Batteries
- Bren-Tronics, Inc. BTC-70903 Battery Charger

## 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 posts.
- ✓ Heating of combat vehicles / guard & security areas / object security.
- ✓ Warming up of injured patients or sanitary locations.
- ✓ Heating of the cover room and evacuation site.

## Technical specifications

<b>RATED VOLTAGE</b>	<b>12V - 17V DC ; 100V - 240V AC</b>
<b>FUEL</b>	<b>F-34 / JP-8 / DIESEL / KEROSENE</b>
<b>HEATING CAPACITY</b>	<b>1.0 – 4.0 kW</b>
<b>MAXIMUM ALTITUDE</b>	<b>4200 m</b>
<b>LOWEST AMBIENT TEMPERATURE</b>	<b>-50°C</b>
<b>AIR FLOW RATE</b>	<b>70 – 168 m³/h</b>
<b>FUEL CONSUMPTION</b>	<b>0.12 – 0.5 l/h</b>
<b>EL. POWER CONSUMPTION</b>	<b>10.0 – 57.0 W</b>
<b>WEIGHT</b>	<b>HEATER WITH ACCESSORIES 15.0 KG</b>
	<b>POWER / CONTROL BOX 6.0 KG</b>
<b>DIMENSIONS (L x H x D)</b>	<b>HEATER 622 X 457 X 330 MM</b>
	<b>POWER / CONTROL BOX 432 X 330 X 241 MM</b>





HEL SPORT



**EUROHEATER**  
PROFESSIONAL HEATING SOLUTIONS



# PROFESSIONAL HEATING SOLUTIONS.

## EUROHEATER 4D MILITARY

4.0 kw

In the challenging Nordic climate, reliable heating is essential for military operations. Euroheater 4D Military is an outstanding heat source for military use.

Euroheater 4D Military is created with Nordic conditions in mind. It withstands the cold, humidity and harsh weather conditions characteristic of the region. This makes it ideal for military operations in snowy landscapes and cold winter months.



### 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 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.

### User friendly

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

For the best possible quality, we have chosen to use the best components, including Autoterm heating unit. All product cables are supplied with silicone insulation to cope with handling in arctic conditions down to -55 degrees Celsius.



# PROFESSIONAL HEATING SOLUTIONS.



2kw

## Euroheater Overlander

- Euroheater 2D Overlander provides from 0.8kw of heat on the lowest setting up to 2Kw of heat on maximum power.
- Economical in operation with a maximum consumption of 0.25 liters per hour.
- Shockproof diesel tank that holds 7 liters for over 30 hours of continuous use.
- Works on diesel, kerosene, and F-34 military fuel.



4kw

## Euroheater 4D (Civil Defence)

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



4kw

## Euroheater 4D (Rescue)

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



4kw

## Euroheater 4D (Military)

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



## Europower Powersupply

- The portable power source is a ground-breaking product that combines technology with a light and portable design.
- Delivers power equivalent to 16A / 230V household supply
- Use any AC electrical equipment, no additional converters required
- Simple charging through a standard plug in less than 3 hours



8kw

Coming soon





## Military use

- Heating of field accommodation, trenches, close defense positions, observation and listening posts.
- Heating of command posts, troop tents, parked tanks, command outposts, object security, guard and security areas.
- Heating sanitary tents, portable field kitchens, crew tent, shelter.

## Humanitarian Organisations

- Heating of mobile health centers for the treatment of injured or 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 areas with emergency logistics and storage.

## Police

- Heating at crime scenes for optimal conditions at 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

## 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, control posts, etc.
- Training use for civil defense personnel in emergency situations.

## Search and rescue

- Fast heating solutions in the event of disasters.
- 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.
- Heating of exhibition tents and outdoor exhibitions.

## Fire & Rescue

- Heating for technical rescue and accident handling.
- Heating of temporary command centers during calls.
- Heating for disaster management and intervention areas.
- Heating solutions for emergency treatment in the event of accidents.
- Heating the ambulance for patient comfort during transport.

## Distribution partner



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