



A warm welcome

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## The quiet, pleasant heating

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Alde Heating System gives the family an outstanding indoor environment. Since the laws of nature make the heated air circulate by itself, our system is by far the most quiet in the market.

It is also so efficient that your entire mobile home is filled with pleasant warmth. You can always count on a warm welcome.



### OUR FOUR-LEGGED FRIENDS' BEST FRIEND

*A warm floor becomes such a comfortable resting place for the family's four-legged friend that you get the sofa to yourselves, and the gentle, natural air movements don't make animal hair fly around either. The accessory Alde Flow provides the whole family, including possibly reluctant dogs, with continuous hot water for showers on rainy, muddy days.*



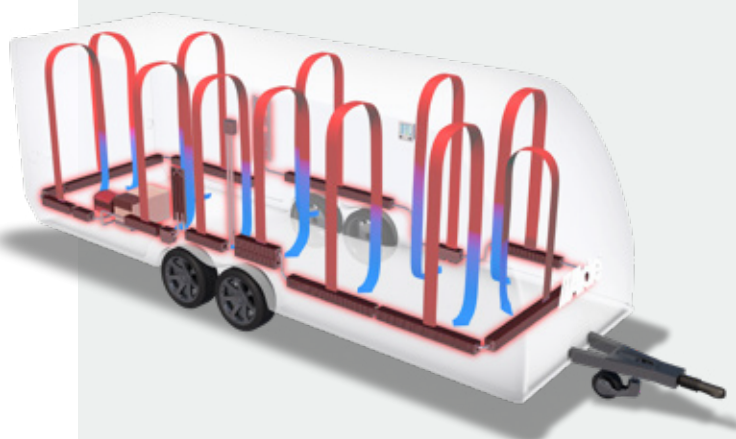


## Hydronic heating – the ultimate option

The Alde technology is as sophisticated as the heating you find in modern homes. Our radiant, hydronic central heating creates silent, gentle air movements that fill your mobile home with pleasant warmth and natural humidity.

The boiler is powered by LPG and electricity, and the system is filled with warm glycol, which heats the air via convectors. The self-convection is based on the principle that heated air rises to the ceiling and flows downwards again as it cools.

- Embracing warmth and natural airflow
- Heats the entire vehicle
- Quiet and pleasant
- Can be powered by LPG as well as electricity



### SELF-CONVECTION TECHNOLOGY

*The self-convection technology is based on the simple principle that hot air rises by itself. When reaching the ceiling, the air flows downwards as it cools and is heated again. The circulating air warms furniture and surfaces and keeps the cold out by forming a barrier in front of the windows.*



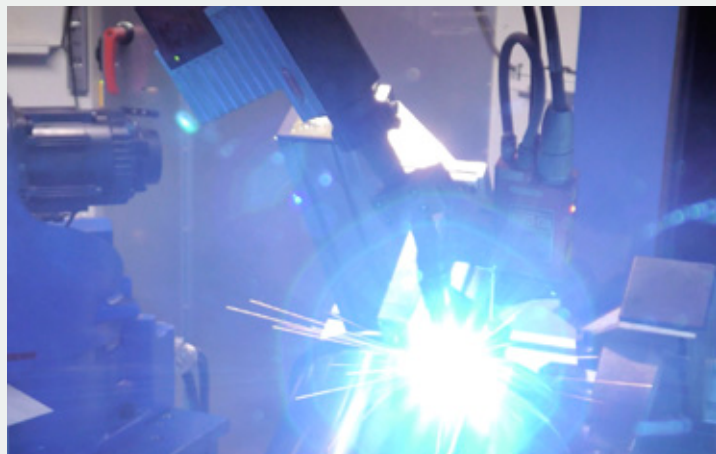
## Development and production in Sweden since 1949

Sweden's harsh climate is a perfect place for developing and testing world-class heating systems, and our founder Alde Rask was determined to develop the ultimate heating system for caravans.

Our present approach to functionality, quality and reliability is equally uncompromising. Our hydronic heating systems are tested in temperatures down to  $-35^{\circ}\text{C}$  to ensure that you get maximum comfort at any time.

All products are developed and manufactured at our head office and modern production facility in southern Sweden. From here, we export heating systems to customers and users all over the world.

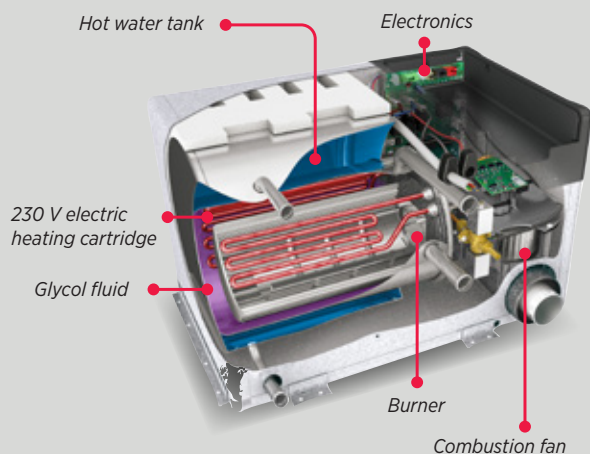
- Development with focus on world-class quality and functionality
- All products made in Sweden
- Tested to verify functionality and reliability



Our state-of-the-art production facility manufactures the leading heating systems in the market.

### THE HEART OF THE HEATING SYSTEM

*The boiler with built-in water heater is the heart of the Alde heating system. It is powered by environmentally friendly LPG and electricity. The complete system also includes convectors, underfloor heating and other accessories that together create a comfortable comfort.*







## Reliable comfort – all-year, in all weather conditions

We can't wax your skis, fix a puncture on your bike, make the sun shine or find the best spots for picking berries. But we can guarantee that you are welcomed by a lovely indoor temperature and plenty of hot water when you return from your adventure.

Our heating system offers you reliable all-year comfort in any weather. The whole family can enjoy warm floors in the winter and delightful showers after active summer days.

- A heating system for all seasons
- Central heating and hot water in the same system
- Smart accessories for extra comfort



Our heating systems are tested in bitter cold down to  $-35^{\circ}\text{C}$ .

### UPGRADE YOUR SYSTEM WITH SMART ACCESSORIES

*Our range of original accessories that can be mounted in retrospect is growing steadily. On our website you will find our entire range of accessories and address for your nearest Alde Service Centre. There you will find all our products and can talk to experts who will help you install them.*

*In this brochure you can read more about some of our most popular accessories.*



# Alde Heating System for your motorhome



## Automatic Climate Control

Alde Heating System can be combined with an air conditioning from Truma. The electronic control ensures that you get the same, pleasant indoor temperature all year round.



## Alde Flow Continuous hot water module

The accessory Alde Flow provides continuous hot water, as much and as long as you desire.



## Boiler Alde Compact 3020 HE

The boiler is the heart of the system which produces heating and hot water. It is powered by LPG and electricity.



## Convectors

The convectors are placed along the outer wall where they produce heat and enclose the environment with a protective thermal barrier that prevents draughts.



## Fan Convector

An efficient way to get rapid and directed heating, for example in wardrobes to dry damp clothes and shoes.



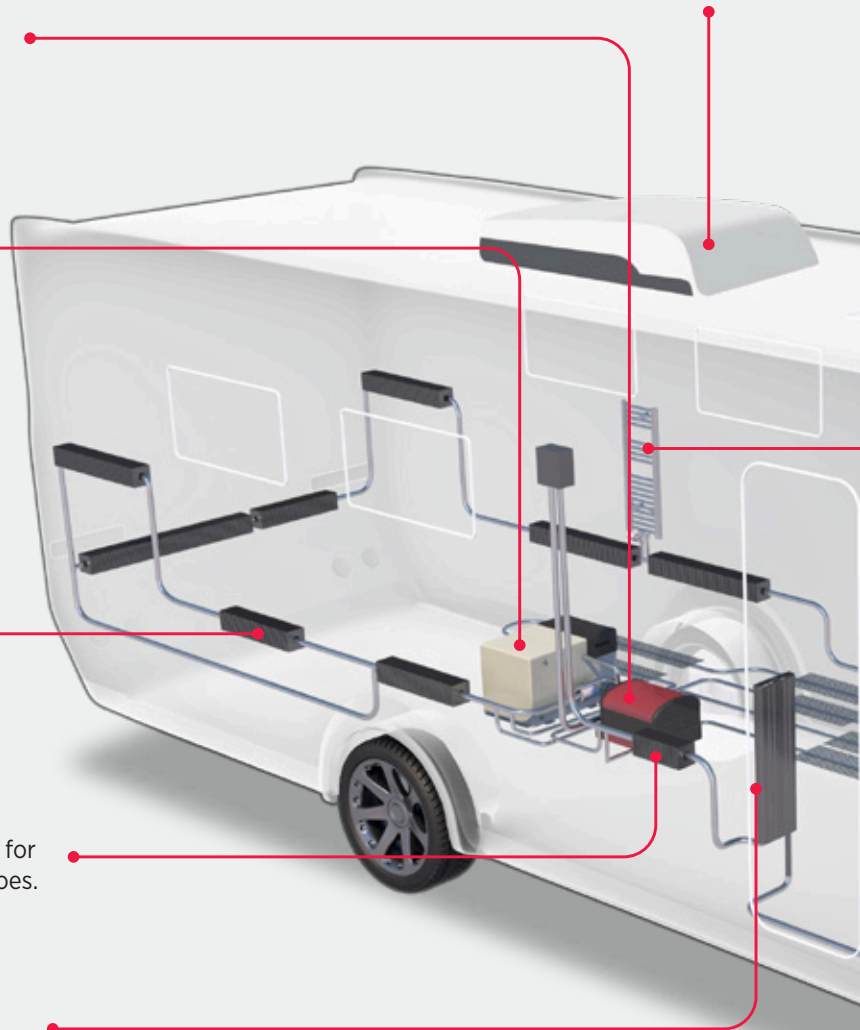
## Panel Radiator

Elegant solution for efficient heating of small spaces.



## Underfloor Heating

Our underfloor heating based on pipe coils creates pleasant, warm floors with that extra comfort feeling.





## Alde Voice Control

Control the heating system with voice commands. Alde Voice Control consists of a microphone located in the ceiling and a receiver concealed by the control panel.



## Heated Towel Rail

Provides warm, soft towels and additional heat in the toilet space.



## Control Panel

Our intuitive control panel gives you full access to the entire range of heating system functions, including a number of smart comfort settings.



## Heat Booster

Small and powerful heating unit with integrated fan for rapid and directed heating.



## Seat Heating Convactor

Custom made convectors under the driver and passenger seat.



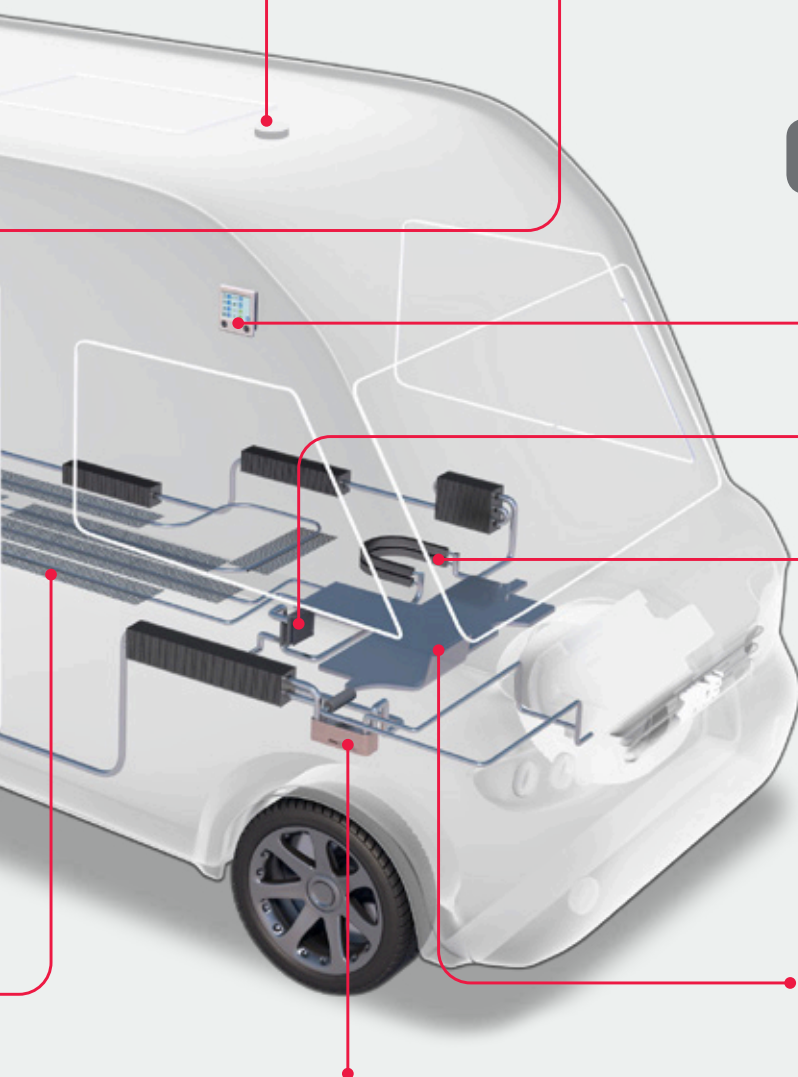
## Heating Mat

Provides pleasant warmth in the drive cabin while you are on the road.



## Engine Heat Exchanger

Uses the motorhome's engine cooling system to produce heating and warm water.





# Alde Heating System for your caravan



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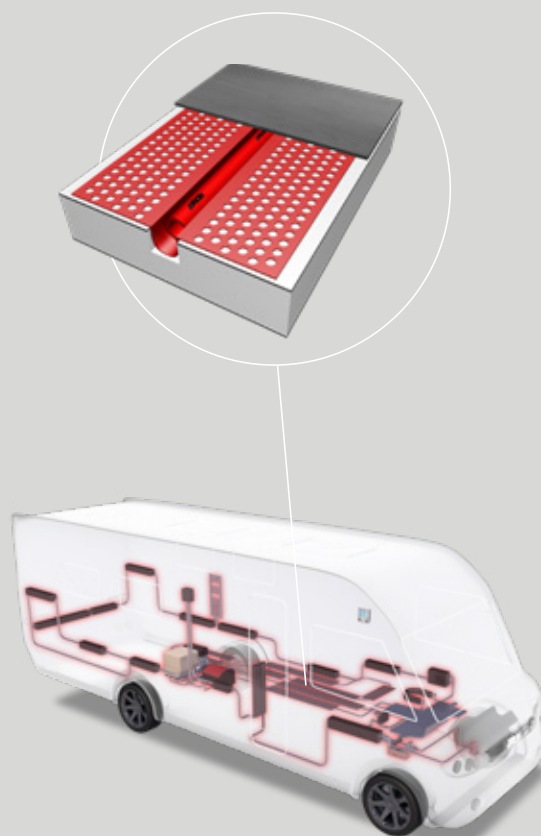
## Once you have walked on a warm floor, you never want to go back

Alde is the only one offering you a complete heating system with integrated underfloor heating. Our underfloor heating solution is based on pipe coils and heat shields in the floor. The coils are connected to the glycol flow in the central heating system.

- Pleasant, warm floors add extra comfort
- Connected to the central heating system
- Alde is the only one in the business offering hydronic underfloor heating

### **RAPID AND PLEASANT HEATING**

*Underfloor heating is a perfect addition to the convectors in the heating system. The floors help to distribute the heating throughout the vehicle.*







## Spa feeling with hot water and warm towels for the entire family

Alde Flow is a favourite feature for shower lovers and teenagers. The smart comfort solution produces continuous hot water via a separate hot water tank connected to the central heating system. Alde Flow preheats the fresh water before it enters the boiler's own hot water tank.

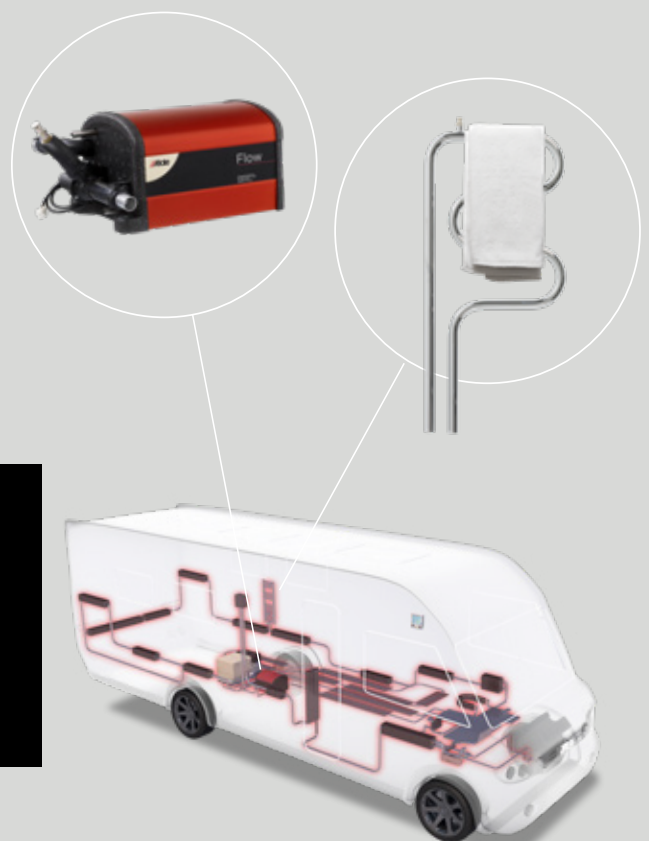
Our efficient towel rails are also connected to the central system. They provide the whole family with warm towels after each shower, and you get extra drying in the toilet spaces as a bonus.

### **ALDE FLOW**

*Alde Flow is a separate hot water tank designed to give you continuous 40°C water in the shower.*

### **HEATED TOWEL RAILS**

*Our towel rails, which are available in chrome or white finish, are connected to the hydronic heating system.*





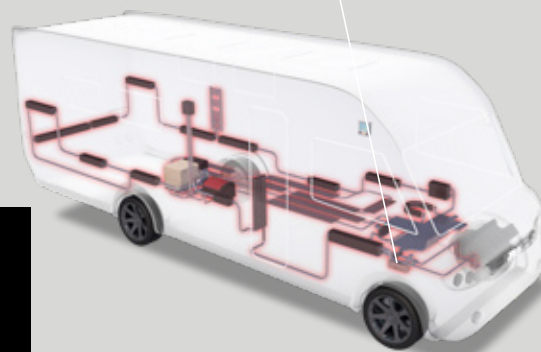


## Alde helps you save energy and protect our environment

Hydronic heating is not only pleasant and quiet. You can also enjoy the outstanding climate comfort with a clear conscience and save energy with a heat exchanger, which uses the vehicle's engine cooling system for heating and production of hot water. Winter campers are also able to run the system in reverse and use it as an engine block heater.

LPG is the main energy source in our heating systems. This efficient and environmentally sound fuel is more or less pollution-free.

- Only Alde gives you the opportunity to use the vehicle's engine cooling for heating of the living space
- Alde Heating System is powered by environmentally sound alternatives, such as LPG and electricity



### **A ENGINE HEAT EXCHANGER IS KIND TO THE ENVIRONMENT**

*Motorhome owners have the opportunity to save energy and be extra kind to the environment by using the vehicle's engine waste heat cooling system for heating and production of hot water via a heat exchanger.*





## First-class comfort behind the wheel

To avoid that the driver cabin feeling harsh and cold when the temperature drops, you can connect some useful accessories to the hydronic heating system.

Both you and your passenger will enjoy a heating mat, a heating booster and a comfortable seat convector. That's what we call driving comfort.

- Accessories for extra comfort in the driving compartment
- Connected to the heating system
- Rapid and pleasant heating

### HEATING MAT

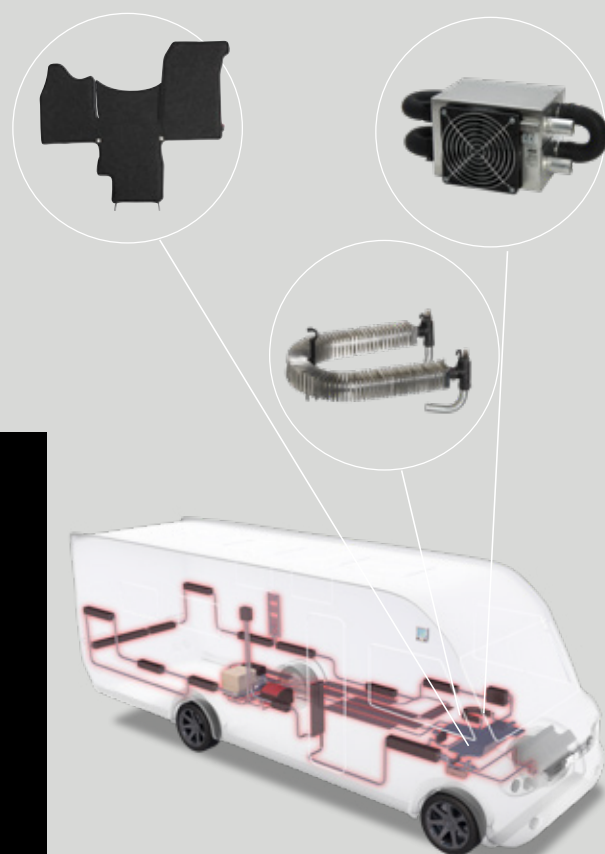
*To facilitate the installation when the cold season begins, a quick release coupling is available as an accessory to the heating mat.*

### MINI BOOSTER WITH FAN

*The booster ensures rapid heating of the driving compartment in cold weather.*

### SEAT CONVECTOR

*The seat convector is tailored to provide pleasant heating of the seats in the driving compartment.*





## Controlling your heating system has never been easier

Our advanced technology gives you easy access to the full range of functions in the heating system. Just like modern smart phones, the menu system is intuitive and easy to navigate.

Alde Voice Control enables you to control the heating system with voice commands. So you don't have to leave the sofa when you want to raise or lower the temperature, switch on the A/C or activate night mode. Welcome to the handsfree camping life!

- Easy to use touchscreen
- Intuitive control of the entire system, including smart additional functions and accessories, such as night mode
- Available with Alde Voice Control



### Control Panel Alde 3020 HE

The panel enables you to control all functions in the heating system. If the system includes an air conditioning unit from Truma, you can use the panel to get the same, pleasant indoor temperature, no matter if the outside temperature is hot or cold.

### Alde Voice Control

The voice control consists of a microphone located in a suitable place in the vehicle and a gateway by the control panel.







## Even our small accessories make a big difference

A circuit breaker always trips at a bad moment and having to go outside in bad weather to reset it is just as irritating. The good news is that you can guard yourself against these troubles with smart accessories that makes camping life easier.



### Alde Load Monitor

The load monitor will power down the electric heating automatically when the load is high. This prevents the circuit breaker from tripping when you are using high-consuming appliances, such as coffee maker, kettle, blow dryer or vacuum cleaner.



### Alde Battery Backup

The battery backup ensures that your control panel settings remain in the memory when the main power switch is turned off.



### Alde Premium Antifreeze G13

*With a five-year lifetime*

The heating fluid flowing around your system deteriorates over time and should be changed every other year unless using an Alde-approved antifreeze. Alde Premium Antifreeze G13 can be changed every 5 years.

Our ready heating fluid is tailored for Alde Heating System and can be used in temperatures down to -37°C. Alde-approved antifreeze is a more eco-friendly alternative to conventional products and has several advantages. In addition to frost protection and long-lasting corrosion protection, it lubricates circulation pumps and helps prevent bacterial growth.



### Read more on [alde.co.uk](https://alde.co.uk)

No matter if you are using your computer, smart phone or tablet, almost everything you want to know about Alde Heating System is only a couple of clicks away. Our home page contains information about the heating system, its functions, our accessories and where you find the nearest Alde service location. Just surf right in!

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