



We didn't invent heating

we perfected it



The King of Comfort®

At Alde we understand what it takes to adventure off-grid and explore independently.

Alde researches, develops, and manufactures from our headquarters in Sweden. The climate here is perfect for testing heating systems in temperatures down to -35 °C. Our aim is to ensure maximum comfort, even in the toughest conditions.

Alde was founded in 1949 by Alde Rask, a person who was determined to develop the ultimate hydronic heating system for recreational vehicles.

That commitment to functionality, reliability and performance endures to this day. Making today's Alde Central Heating system truly, the King of Comfort.

How it works

The Alde central heating system is a hydronic system, it works using the same heating principle as is found in most modern homes.

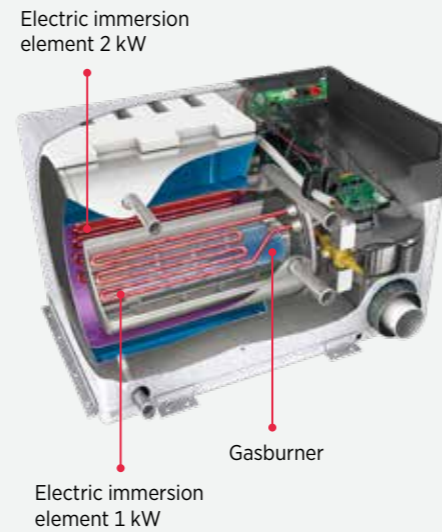
The boiler heats up the glycol fluid using a gas burner or 230 V electric immersion elements.

Hot glycol water circulates around the campervan, through radiators and pipes by means of a pump. The radiators are placed along outer walls. When heated, hot air rises through the radiators. This creates a warm buffer, helping prevent cold walls and condensation over windows.

As the hot air cools, the density changes and the process begins again. Through this natural convection the whole interior of the campervan is warmed to an even temperature.

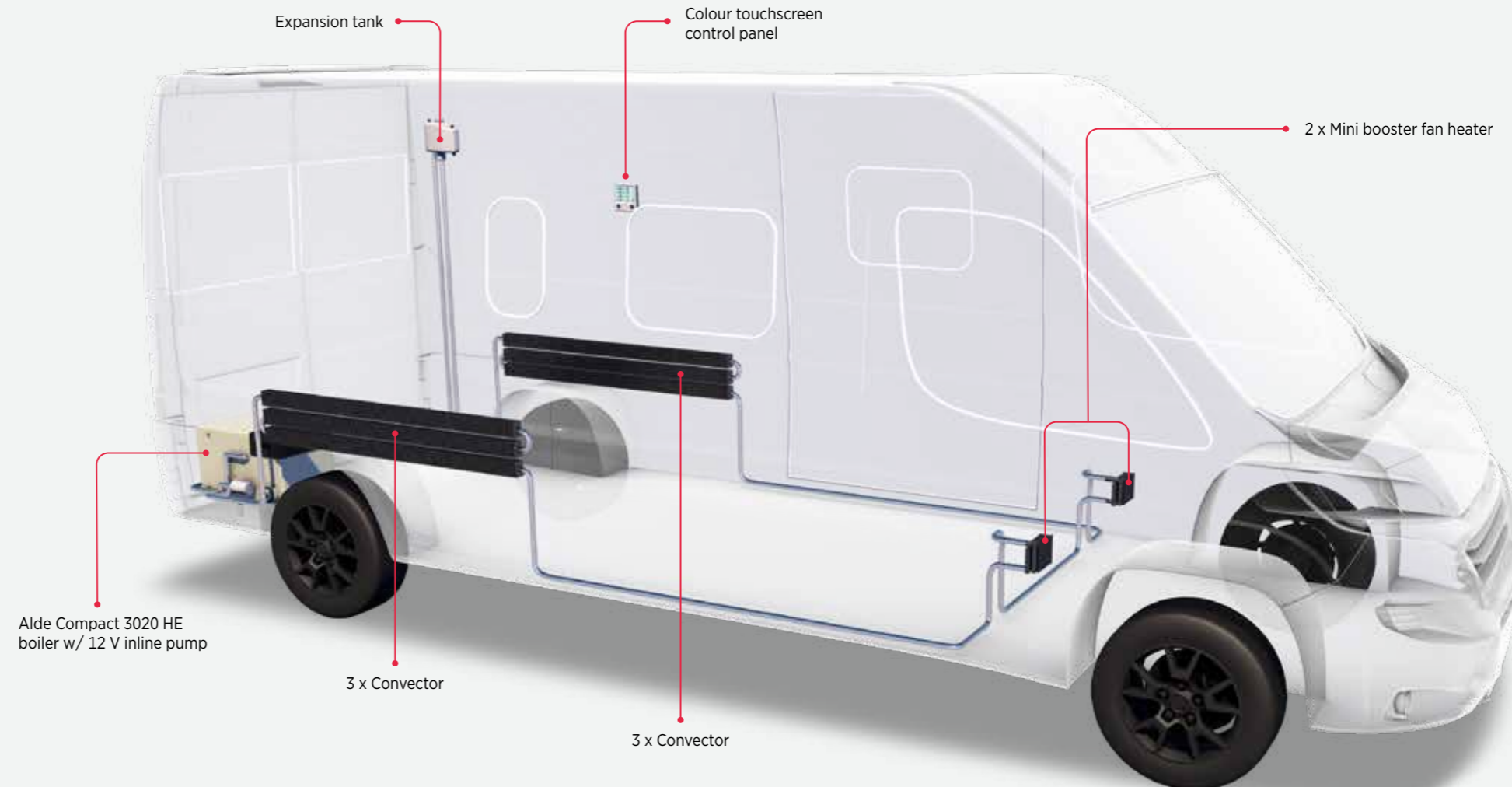
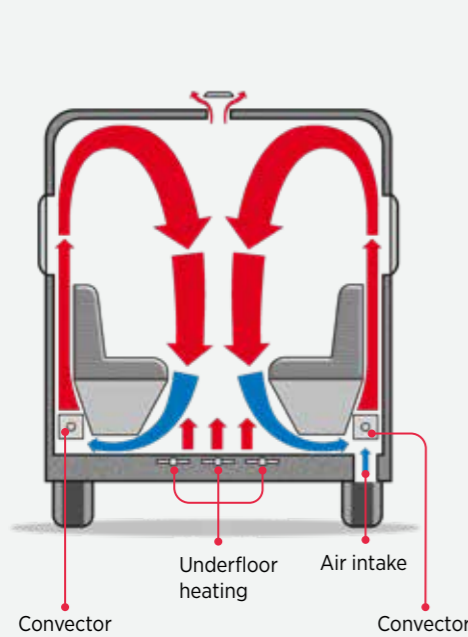
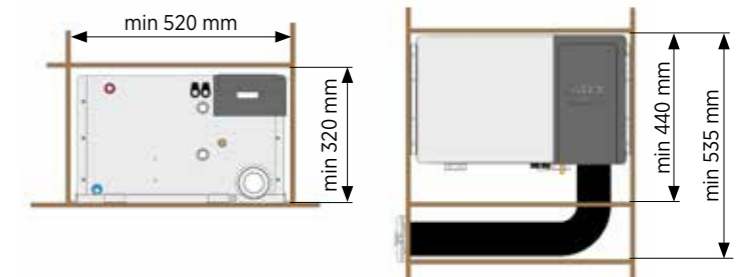
Alde hydronic central heating offers many benefits.

- True home from home luxury comfort. It heats every part of the campervan creating an encompassing warmth to ensure total comfort.
- The ability to get away from it all, in comfort, whatever the season.
- Peace and quiet. The fluid circulates quietly, to ensure minimum intrusion into your leisure time or disturbance of your sleep.
- Hot water for showering fast! 10 minutes for a tank of hot shower water.
- Low 12 V battery consumption. With the low power consumption, you and your batteries can go further.
- More storage. Pipes and radiators are mounted discreetly behind furniture, giving you more usable space in your lockers and cupboards.
- Reduces condensation.
- Can be linked with underfloor heating.



Technical Data

Height: 310 mm
 Breadth: 340 mm
 Depth: 510 mm
 Weight: 14 kg (dry)
 Gas: Propane
 Output Gas: 3.3 kW (stage 1) / 5.5 kW (stage 2)
 Electric: 1 kW / 2 kW / 3 kW
 Max Power Consumption 12 V: 1,9 amp (start-up).
 Volume fresh water: 8.4 L



What is in a Campervan kit.

Reference	Description	Quantity
30209051	Alde Compact 3020 HE boiler w/12 V inline pump	1 pcs
3020112	Colour touchscreen control panel	1 pcs
3010618	Gloss black control panel fascia	1 pcs
3020027	Control panel cable 6 m	1 pcs
3010207	12 V power lead	1 pcs
3010346	Discrete room sensor w/2 m cable	1 pcs
3010420	AA battery backup	1 pcs
3010170	Side flue terminal	1 pcs
3000359	Inner hose exhaust	1 m
3000360	Outer hose - air intake	1 m
3000498	Drain/pressure relief valve	1 pcs
3000420	Expansion tank	1 pcs
1936383	16 mm aluminium thin convector, l=1000 mm	6 pcs
1900630	Mini booster fan heater 830 w	2 pcs
7833016	Aluminium tube 16 mm	10.5 m
1916024	16 mm rubber vertical elbow valve c/w clips	6 pcs
1916028	16 mm rubber drain t with plug & 3 clips	1 pcs
1916023	16 mm rubber elbow 90 degree c/w clips	20 pcs
1916021	16 mm rubber straight c/w clips	4 pcs
1916026	16 mm rubber s-bend c/w clips	3 pcs
1916213	16 mm rubber u with air bleed c/w clips	3 pcs
1916211	16 mm rubber u-bend c/w clips	4 pcs
0714871	Rubber hose reducer c/w clip 16 - 21.4 mm	4 pcs
1900527	Rubber vertical elbow bleed 62 x 62 mm, c/w clips	2 pcs
1900523	Rubber elbow 90 degree cw clips 62 x 62 mm	2 pcs
1900565	Floor grommet for overflow pipes	1 pcs
1900597	Rubber sleeve adaptors 16 mm > 22 mm	6 pcs



Go barefoot with underfloor heating or utilise the power of your engine with these optional extras

Engine heat exchanger

The waste heat in an engine's cooling system can be used for heating the living space via Alde's engine heat exchanger and central heating system. Then all that's required is to set the desired room temperature on the control panel as normal and the central heating circulates automatically when called for.

The system can be reversed if a circulation pump is installed in the engine cooling system, allowing the engine to be pre-heated, saving the extra fuel used in cold starting.

When installing the engine heat exchanger, the vendor or vehicle manufacturer should be consulted to avoid technical mishap.

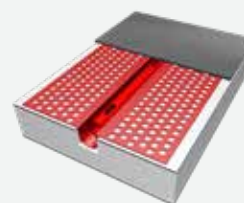


Underfloor heating

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

Underfloor heating system, consisting of "PE-X,-aluminium-, PE-X" heat pipe, Ø 12 x 2 mm, which is flexible and easy to lay in the heating plates.

The thin aluminium heating plates, only 0.3 mm, are perforated so that glue can penetrate through resulting in better adhesion to the surface material.



For more information and a full component catalogue to assist your build, please E-mail us for a digital or printed version.

Alde International (UK) Ltd

Huxley Close, Park Farm South
Wellingborough Northants NN8 6AB
Phone: +44 (0)1933 677765

Website: www.alde.co.uk • E-mail: info@alde.co.uk