

## Products & Spare parts No. 23



SE



DK

scanvogn

DE



GB



FR



IT



SL



HU



US



CA



# äntligen!



den  
perfekta  
husvagns-  
värmens\*



även för  
\*båten, arbetsboden  
och den lilla stugan

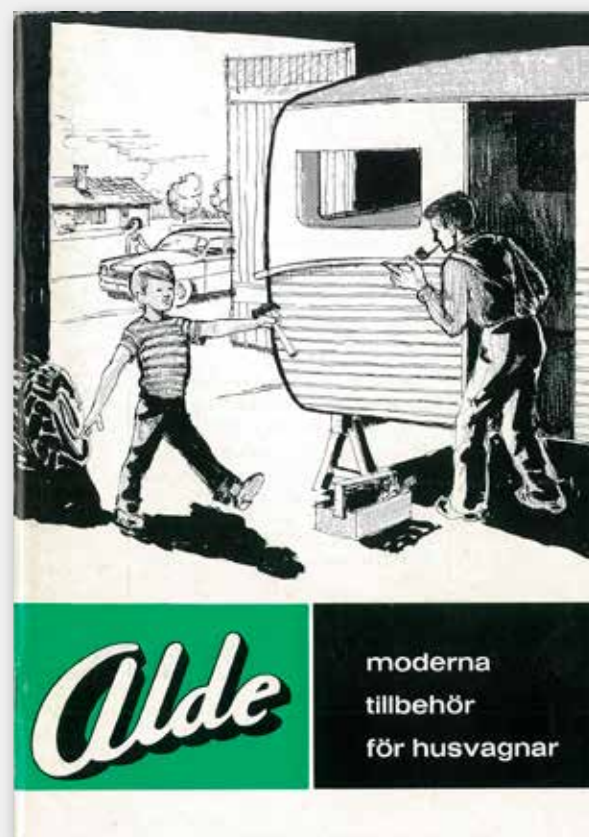
1967

Launch brochure Alde Heating Systems.

50  
1966-2016  
years  
of innovative  
heating



## Accessories for retail and service outlets



50 years  
1966-2016  
of innovative  
heating



1968

Product catalogue. This catalogue presented for the first time Alde's proprietary central heating system, heating boiler 2700 with its expansion tank and 12 V circulation pump.



**Alde Premium G13 Antifreeze**

Premixed and ready to use ethylene glycol antifreeze, specially formulated for Alde heating systems and containing silicated OAT. VAG G13 Spec. Protects to -37°C, with 5 year corrosion protection.

Supplied in plastic bottles of 0.2, 1, 4 or 25 litres. Only available in boxed quantities.

Part no. 4070 126	0.2 lt. 15 pcs/pack.
Part no. 4070 120	1 lt. 12 pcs/pack.
Part no. 4070 121	4 lt. 3 pcs/pack.
Part no. 4070 123	25 lt.



**Alde Control Panel Upgrade**

For users with an older control panel for Alde Compact 3010, they can now update to the latest model, 3010 613.

An exclusive pack for the accessories shelf which sells well.

An installation frame is included for those customers who upgrade from the older LCD panel 3010 213. For those upgrading from the black and white control panel 3010 413, only the vertical installation dimension of 10 mm needs adjusting.

A new manual and installation instructions are included.

Part no. 3010 615



**Alde Smart Control**

The app which makes life easier for those with an Alde heating system.

It lets you do the following:

- Switch the control panel on/off.
- Set the desired temperature.
- Switch the hot water on/off/boost ("off" only for 3020).
- Switch the electric element on/off, and select the output.
- Switch LPG operation on/off.

Other functions:

- Battery alarm via SMS.
- Temperature alarm via SMS.
- Additional outputs for controlling e.g. a fridge or alarm.

Contents:

Electronics box, manual and connector.

To use the Alde Smart Control, a SIM card is needed with topped up credit or payment plan for the electronics box. Suitable for Alde control panels with RS232 port (3020013, 3020113, 3010513 and 3010613).

Smartphone and SIM card not included.

The app can be downloaded from App Store or Google Play.

Part no. 3020 057



**Alde Discrete sensor**

Used to site a sensor wherever it is needed, or if the control panel's integrated sensor is affected by another heat source. Includes 2.0 m cable.

For control panels 3010 213 / 413 / 613 and 3020 113.



Part no. 3010 346



**Alde Battery backup**

Used to retain the control panel settings when the vehicle's main switch is off.

For 2x AA batteries (not included).

For control panels 3010 413 / 613 and 3020 113.



Part no. 3010 420



**Alde Outdoor sensor**

Sensor with 2.5 m cable for measuring outdoor temperature. The temperature is indicated on the control panel display.

For control panels 3010 213 / 413 / 613 and 3020 113.



Part no. 3010 299



**Alde Load monitor**

Used to limit power consumption of the vehicle. Automatically reduces the output of the electric element in the boiler in stages if the load is too high, e.g. if a coffee maker is switched on. Cable length 6 m.

For control panels 3010 213 / 413 / 613 and 3020 113.



Part no. 3010 315



**Alde Condensate spout**

An accessory for every winter camper.

Ice formation on the side of the vehicle in winter is a well-known problem for caravan and motor caravan owners. The Condensate spout just clicks onto the wall flue. It also ensures the vehicle's heating system continues to operate. New flue cap in matching colour included.

Part no. 3010 699







**Alde High Altitude Valve**

The Alde high altitude valve can be engaged manually when you are at altitudes above 1,000 metres. The high-altitude valve reduces the pressure in the burner to adapt it to the lower air pressure.

Part no. 4115 101



**Alde Flue cap**

Flue caps in different colours for side-fitted flue terminals.

- |                   |              |
|-------------------|--------------|
| Part no. 3010 391 | White.       |
| Part no. 3010 392 | Light grey.  |
| Part no. 3010 393 | Medium grey. |
| Part no. 3010 394 | Dark grey.   |
| Part no. 3010 395 | Black.       |



**Alde Control panel fascia**

Fascia for control panels 3010 613 and 3020 113/114.

- |                   |         |
|-------------------|---------|
| Part no. 3010 603 | Silver. |
| Part no. 3010 604 | Black.  |



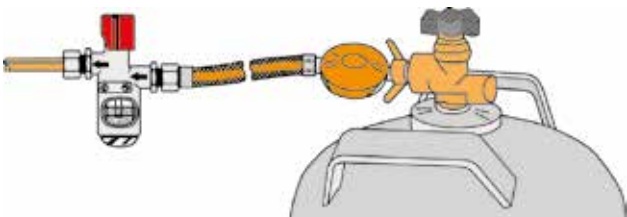
**Alde Leak spray**

Leak spray 125 ml. Used for checking gas connections under pressure. Clear bubbles are formed over any leak. 12 pcs/box. Only available in boxed quantities.

Part no. 4076 000

**A simple and important security detail**

A simple and important safety detail that should be installed in all LPG systems. With the leakage tester from Alde tightness is controlled by the red cap is pressed. The leakage test device offers many advantages.



**Leak detector**

Leak detector with Ø 8 mm pipe connections. Including nozzles for Ø 8 mm hose, glycol fluid and screws. Size: H 95 x D 30 mm. Weight 0.2 kg.

Art.No. 4071 805



**Leak detector**

Leak detector with Ø 8 mm pipe connections. Including nozzles for Ø 10-12 mm hose, glycol fluid and screws. Size: H 95 x D 30 mm. Weight 0.2 kg.

Art.No. 4071 806



**Leak detector**

Leak detector with Ø 8 mm pipe connection IN and Ø 10 mm OUT. Including glycol fluid and screws. Size: H 95 x D 30 mm. Weight 0.2 kg.

Art.No. 4071 807



**Leak detector**

Leak detector with Ø 10 mm pipe connection IN and Ø 10 mm OUT. Including glycol fluid and screws. Size: H 95 x D 30 mm. Weight 0.2 kg.

Art.No. 4071 808



**Spare parts for leak detector**

- |                  |                               |
|------------------|-------------------------------|
| Art.No. 4071 125 | Glycol fluid.                 |
| Art.No. 4071 013 | Sight glass and glycol fluid. |





Water pump

Fresh water pump, foot-operated diaphragm type.  
Made of die cast light-alloy. Pumping heights up to 4 m.  
Maximum suction lift 1 meter.

Part no. 3080 901  
Part no. 3080 006 Rubber diaphragm (spare part).



High-temperature mixing valve

Mixing valve for wall mounting. The desired hot water temperature is set with the control knob to between 38 and 48°C. The valve is ideally suited to prevent scolding water from the shower and wash basin. Connection Ø 12 mm quick release.

Part no. 3102 002



Inline circulation pump - Unmounted

Circulation pump 230 V for installation anywhere in a heating system. Complete with assembly set. Ø 22 mm connection. Weight 1.6 kg.

Part no. 2750 300



Ball valve

Brass ball valve tap 1/4" R female. 30 pcs/pack.

Part no. 3565 000



Hose nipple

Hose nipple for Ø 10 mm hose. 1/4" R male.

Part no. 2950 147



Hose nipple

Hose nipple for Ø 12 mm hose. 1/4" R male.  
50 pcs/pack.

Part no. 2950 135



Non-return valve

Non-return valve in chrome plated brass. 1/4" R female.

Part no. 3568 000



Battery box

Plastic battery box with cover and strap.  
Dimensions: H 200 x B 270 x D 190 mm.  
20 pcs/pack.

Part no. 6431 000







**Product stand**

Product stand in black coated steel for our accessories and glycol bottles.

Two shelves, 10 prongs and the top sign are included.  
To order, please contact Alde.

Dimensions: H 1.790 x W 600 x D 400 mm.

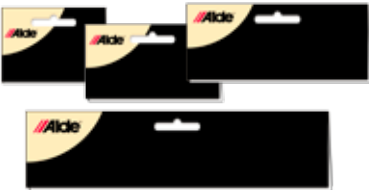
Part no. E-1



**Shelf posters**

Shelf posters in cardboard, Ø 115 mm. Self-adhesive adjustable aluminium shelf mount.

- |              |   |
|--------------|---|
| Part no. E-2 | Get more out of your Alde Heating system. |
| Part no. E-3 | Alde Smart Control.                       |
| Part no. E-4 | Alde spare parts.                         |



**Folding bag label**

In addition to our blister packaged products, it is now possible to pack other Alde Products and spare parts in the same layout.

- |              |         |
|--------------|---------|
| Part no. E-5 | 70 mm.  |
| Part no. E-6 | 90 mm.  |
| Part no. E-7 | 120 mm. |
| Part no. E-8 | 200 mm. |



**Information video/slide show**

Information film and slide show about the Alde Heating System and Alde Accessories. Supplied on a USB memory stick.

Part no. E-20

**Alde Heating Technology decal**

Exclusive decal in 3D design that indicates that the vehicle is fitted with Alde Heating System. Size 47 x 80 mm.

Art.nr. E-9



**Alde Smart Control decal**

Made from static material that sticks to e.g. glass windows and metal. Shows that the vehicle is, or can be, fitted with Alde Smart Control. Size 125 x 105 mm.

Art.nr. E-11



**Alde Underfloor heating decal**

Symbol showing that the vehicle is fitted with underfloor heating. Size 258 x 123 mm.

- |               |             |
|---------------|-------------|
| Art.nr. E-10V | Left foot.  |
| Art.nr. E-10H | Right foot. |



**Alde Service decal**

Decal for Alde Service Centre to fix to the building or glass windows.

- |              |             |
|--------------|-------------|
| Art.nr. E-12 | 70 x 40 cm. |
| Art.nr. E-13 | 40 x 28 cm. |



**Alde Service flag**

Flag for Alde Service Station. 150 x 240 mm.

Art.nr. E-14







# ALDE

## radiatorvärme med cirkulationspump

för  
hus  
vagn

för  
båt

för  
stuga



1973  
Brochure for Alde Heating Systems.

50 1966-2016  
years  
of innovative  
heating

Heating

HEATING



## Hydronic heating

The Alde central heating system is a hydronic system, with the same heating principle as in most of our homes.

The heat source comprises a LPG boiler with an immersion heater, which heats a liquid mixture consisting of water and glycol. Hot glycol water circulates around the system through radiators and pipes by means of a pump.

The convectors that are placed along the outer walls heat the air. This then rises and heats the walls and furniture.

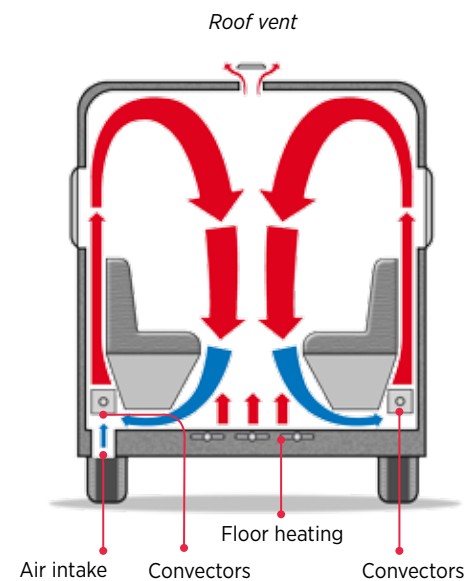
Since hot air rises, an air barrier is formed in front of the windows, which keeps the chill off. When the warm air reaches the ceiling, it circulates down towards the floor and is reheated by the convectors. Each vehicle must have ventilation, i.e. fresh air needs to be supplied and used air expelled. The supplied fresh air in the vehicle should be directed in through an insulated air intake and on up through a convector with closely spaced slats. In this way the incoming fresh air is heated when the heating system is operational. The used air is ventilated out through the roof panel and ventilators.

The installation is important to produce the best heat distribution and pleasant heating.

- As many and as long convectors as possible.
- Convectors must be placed under each window.
- The convectors are installed along and up against the outer walls.
- Air must be able to pass under beds and behind backrests.
- Ventilation in the cabinet so that air can circulate.

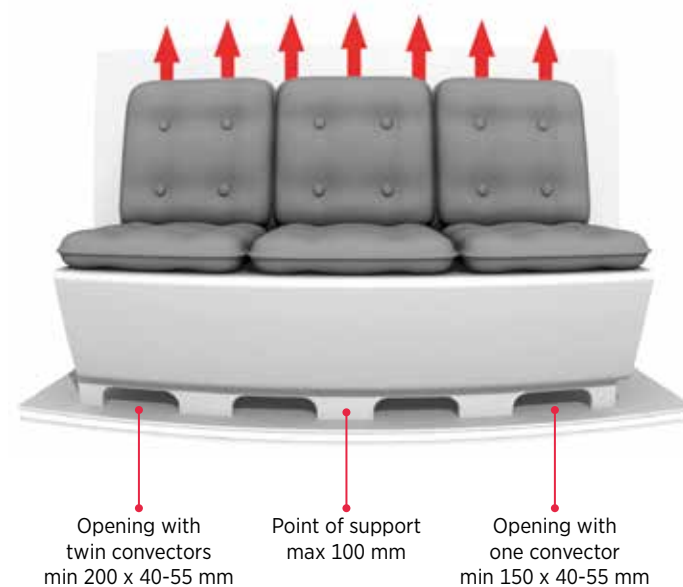
If the installation is correct, the natural flow of heat from the Alde central heating system means that the entire living space is wrapped in a comfortable environment, which shuts out draughts, eliminates cold spots and also heats both beds and cabinets.

The installation of underfloor heating is also recommended to give a very complete heating system with maximum comfort. The heating pipes in the floor are connected to the ordinary pipe system.

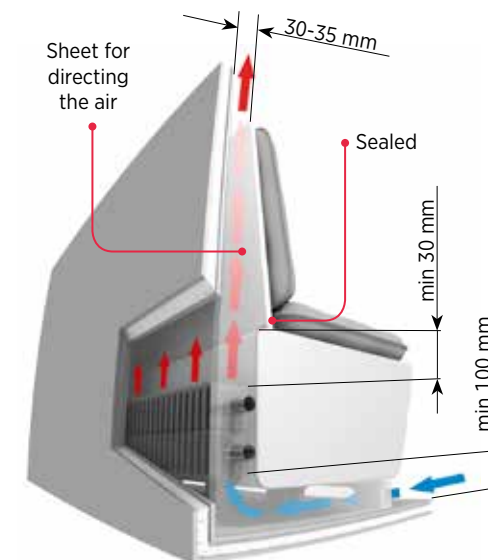


## Installation Suggestions

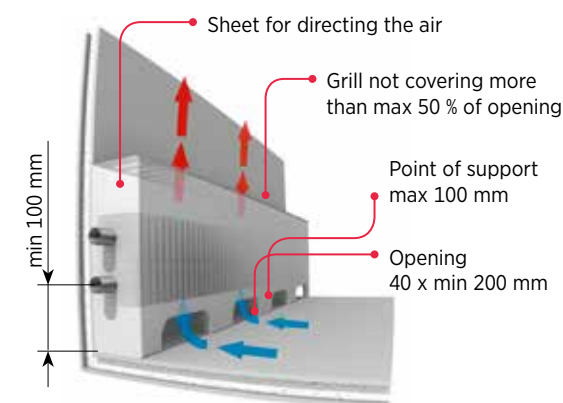
For the heating system to work optimally, it is important that the convectors should be installed in the right way. Below are given some examples of the most common ways of installing convectors and pipes.



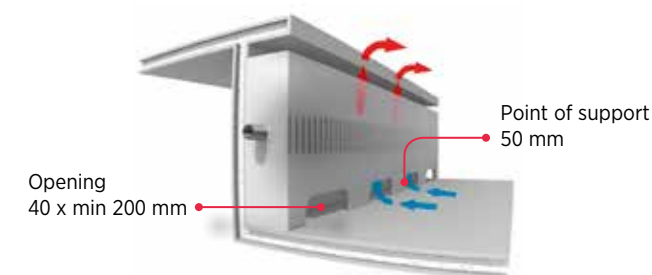
## Twin convectors in bed case



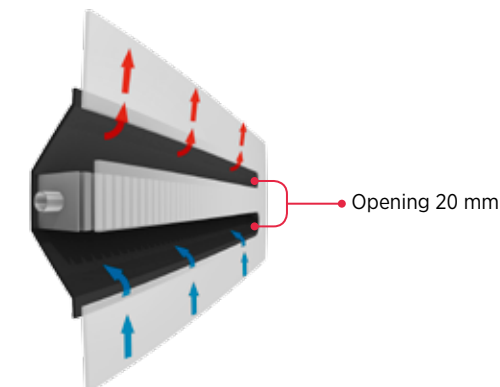
## Twin convectors on wall



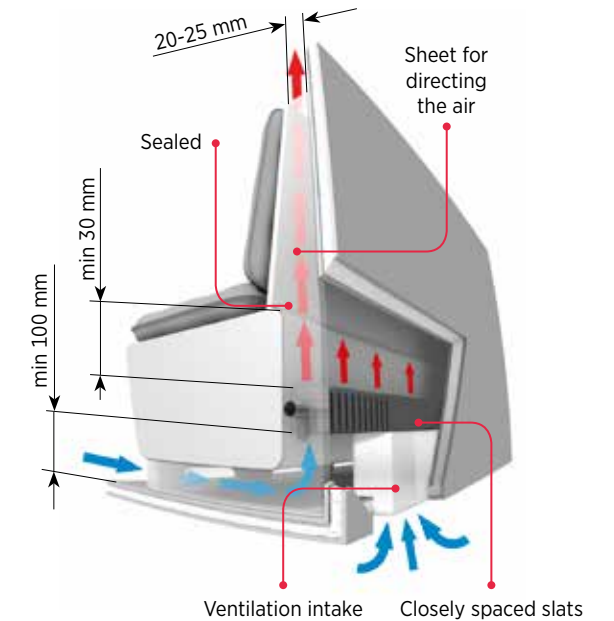
## Convector at entrance



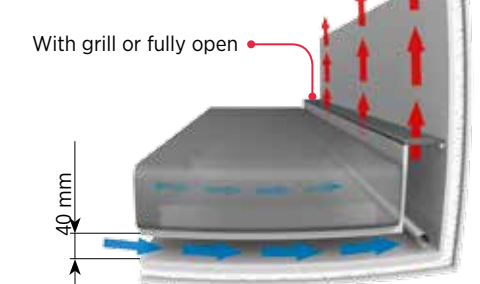
## In-built convector



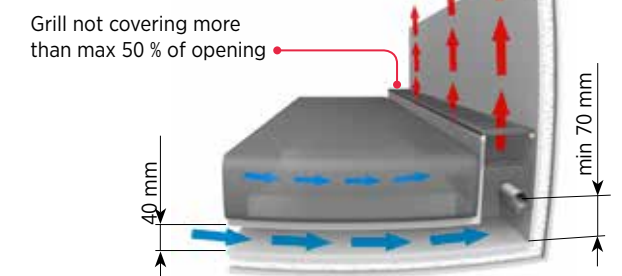
## Convector and ventilation intake in bed case



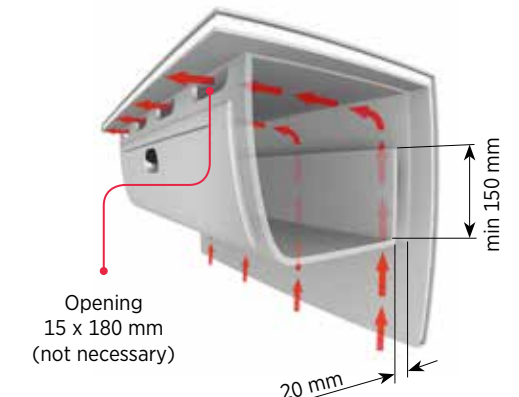
## Pipes in the luton area



## Convector in the luton area



## Air circulation in cabinet



# Alde heating systems

*Safe, economical and environmentally friendly*



## Control panel with touch screen

All settings for the heating system are made on the control panel via the user-friendly menus on the touch screen. The control panel can also be used to control an A/C unit, to provide full climate control in the vehicle.



## Boiler

### Alde Compact 3020 HE

Alde Compact 3020 HE is the heart of the heating system. It produces heat for heating and domestic hot water. It is powered by LPG and electricity.



## Convectors and panel radiators

The convectors are placed along the outer walls where they produce heat and enclose the environment with a protective thermal barrier that prevents draughts. Panel radiators can be supplied to fit spaces where it's difficult to fit normal convectors. e.g. in WCs.



## Heat booster with fan

The heat booster is used for fast and directed heating in e.g. wardrobes to dry wet clothes and shoes. Available in several variants. The most powerful model is a compact heating unit consisting of an efficient heating coil with fan.



## Underfloor heating

We warmly recommend our underfloor heating to give a complete heating system with maximum comfort. It consists of pipe coils in the floor that are connected to the ordinary heating system.



## Tank heating

Alde's tank heater protects your water and sewage tanks from frost damage. There are several installation options, for example, convectors that are installed between the tanks or a pipe circuit below the tanks, which is connected to the ordinary heating system. Ask your dealer if tank heating is fitted in your vehicle.



## Heated towel rail

The heated towel rail is a traditional design for the practical hanging of towels.



## Hot water

The Alde Compact 3020 HE boiler has a built-in heater that ensures that you always have hot water in the shower and kitchenette. The water heater gives about 15 litres of ready-mixed hot water.

Alde Flow is a new feature that gives you continuous hot water, as long as you want. The separate water tank, which is connected to the heating system, preheats the fresh water before it enters the boiler's ordinary hot water tank.



## Alde Smart Control®

Alde Smart Control is an SMS-based app that lets you control the heating system via your smartphone. In addition to functions for start/stop, temperature setting, hot water on/off, etc., it also features an alarm that gives low battery and temperature warnings. Alde Smart Control consists of a smartphone app and an electronics box for installation in the camper.



## Driver comfort

There are specially adapted convectors that are connected to Alde's heating system to give improved comfort in and around the driver and passenger seats. Other options include heating booster or fan convectors.



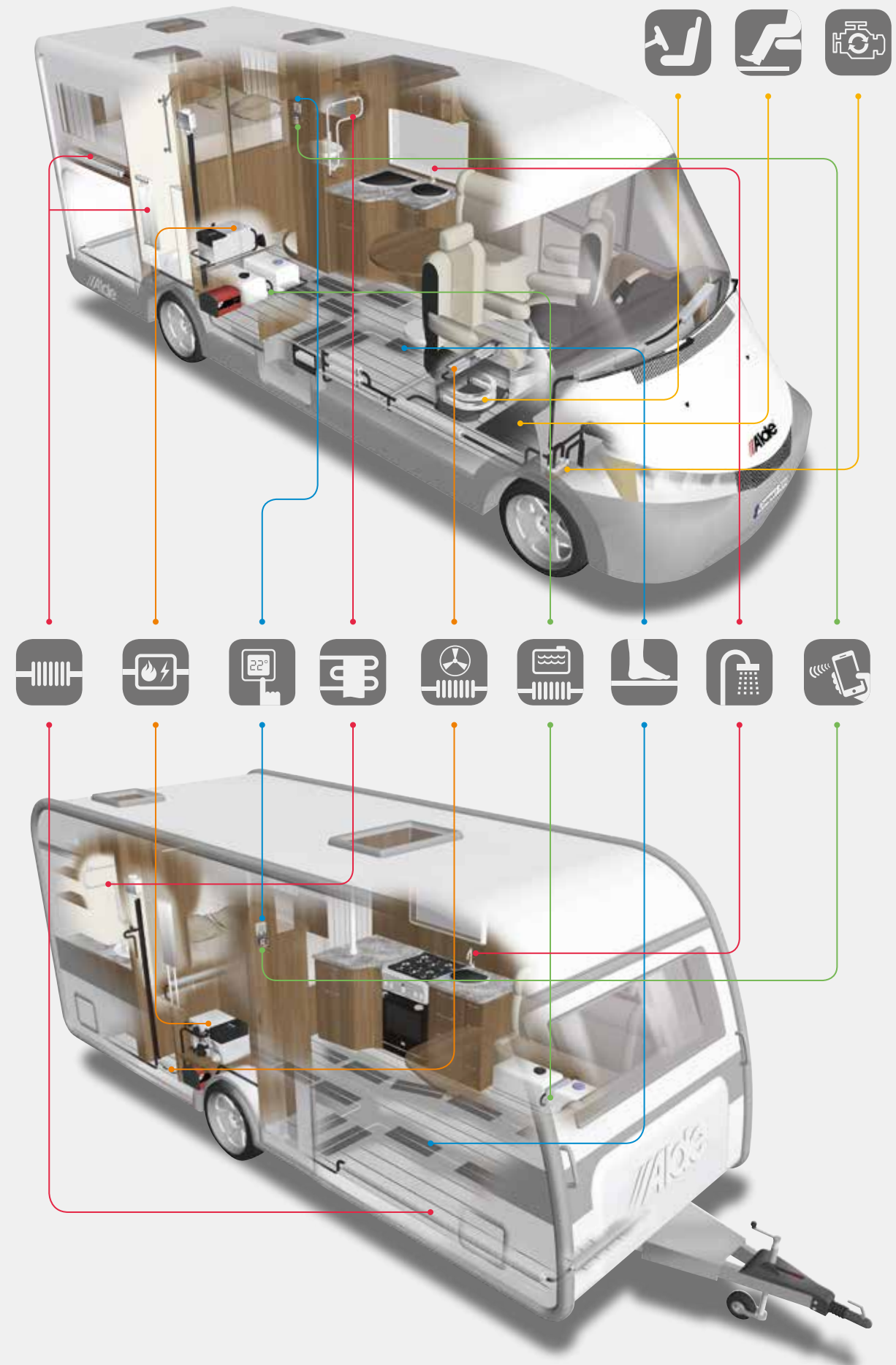
## Heating mat

You and your passengers can enjoy warmth and comfort while you travel. The floor in the driver's cab is often a cold spot in winter. The Alde Heating mat prevents the cold penetrating into your vehicle and makes your floor warm and pleasant.

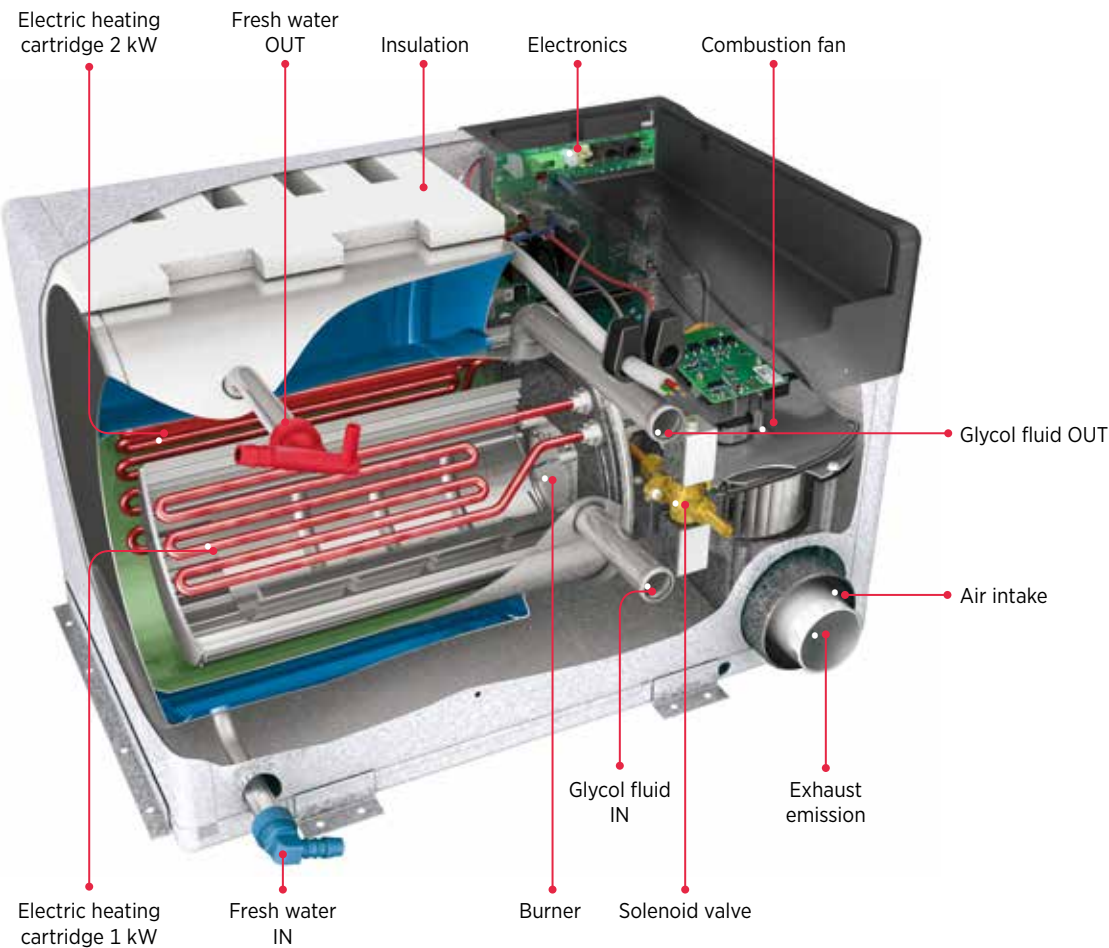


## Engine heat exchanger

A heat exchanger allows the vehicle's engine cooling system to be used for heating and the production of hot water. The heat can also be run in reverse and then acts as an engine heater.







Boiler for mobile leisure vehicles.

All connections – fluids, gas and electricity – are located on the long side. This makes it easy to install and service the Compact 3020 HE. The installation dimensions will also be minimal as there are three sides which are completely free.

Inside the metal surround of the Compact 3020 HE is the LPG-powered burner which works with two output steps depending on the output needed.

All of the Compact 3020 HE models are equipped with two 230 V electric elements with a maximum output of 3150 W.

The hot water heater in the boiler is of storage type and can hold more than 8 litres of fresh water.

Control of the boiler is via a processor on the boiler's circuit board.

Alde Compact 3020 HE can be connected to most models\* of Truma AC and therefore give full climate control.



Prefitted model.

The Compact 3020 HE can generally be installed wherever you want. Either inside the living space, such as e.g. in a wardrobe or stowage space, or installed outside in any storage area or in a space between floors.

Release of exhaust gas and intake of air can either be via a side-mounted flue or one fitted on the roof.

Part no. 3020 9090 Standardmodell

We also have bespoke models which are prefitted with e.g. water connections, automatic bleeding and a 12 or 230 volt circulation pump.



Boiler construction

The boiler's internal heat exchanger consists of three concentric cylinders; the combustion chamber, the central heating cylinder and the hot water cylinder.

The combustion chamber is made from aluminium, and is divided into two halves by a baffle plate, with the burner head located in the top half, and the flue gases venting through the bottom half.

The combustion assembly is fixed to the end of the internal heat exchanger. It consists of the burner, combustion fan, gas valve, air intake and exhaust ducts, and gas line.

Two electric heating elements are sealed inside the central heating cylinder, one for 1 kW, one for 2 kW.

The room thermostat is integrated into the touchscreen control panel and connected to the boiler by a Registered Jack (RJ) cable.



Heat and hot water with the electric elements.

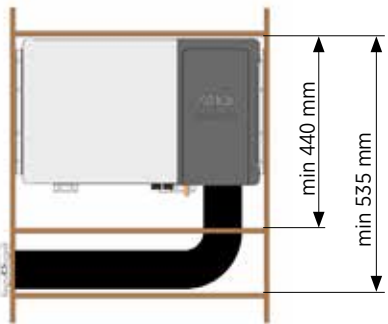
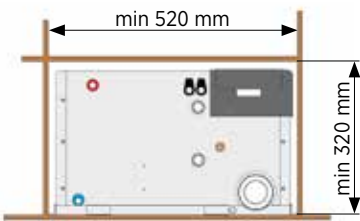


Heat and hot water with the LPG burner.



Heat and hot water with the electric elements and the LPG burner.

Installation space



Technical data		
Height:	310 mm	
Breadth:	340 mm	
Depth:	490 mm	
Weight:	14 kg (without fluid)	
Gas:	Propane	Butane
Output Steg 1:	3.3 kW	3.8 kW
Gas consumption:	245 g/h	275 g/h
Output Steg 2:	5.5 kW	6.4 kW
Gas consumption:	405 g/h	460 g/h
Gas pressure:	I <sub>3+</sub> 28-30/37 mbar	
	I <sub>3B/P</sub> 30 mbar	
Volume glycol fluid:	3.5 lt	
Volume fresh water:	8.4 lt	
Max. pressure glycol fluid:	0.05 MPa (0.5 bar)	
Max. pressure hot water:	0.3 MPa (3.0 bar)	
Systemtemperature:	max 85 °C.	
Output heating cartridge:	1×1050 W (230 V -)	
	1×2100 W (230 V -)	
Power consumption 12 V DC:	1 amp (max)	

\* Truma Aventa comfort, Truma Aventa eco, Truma Saphir comfort RC, Truma Saphir compact (from serial no. 23091001).

A number of fittings are needed to install and use the 3020 HE:

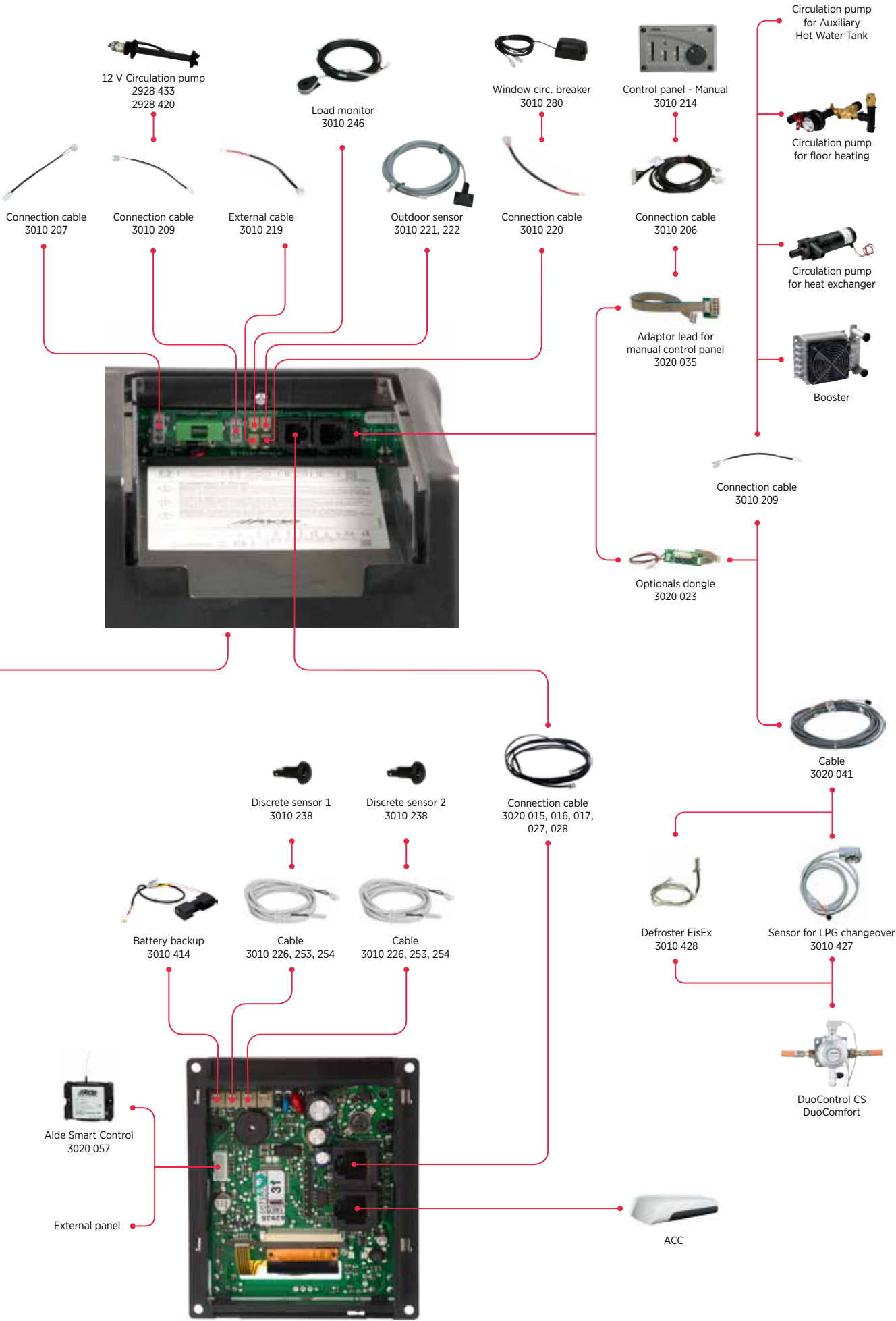
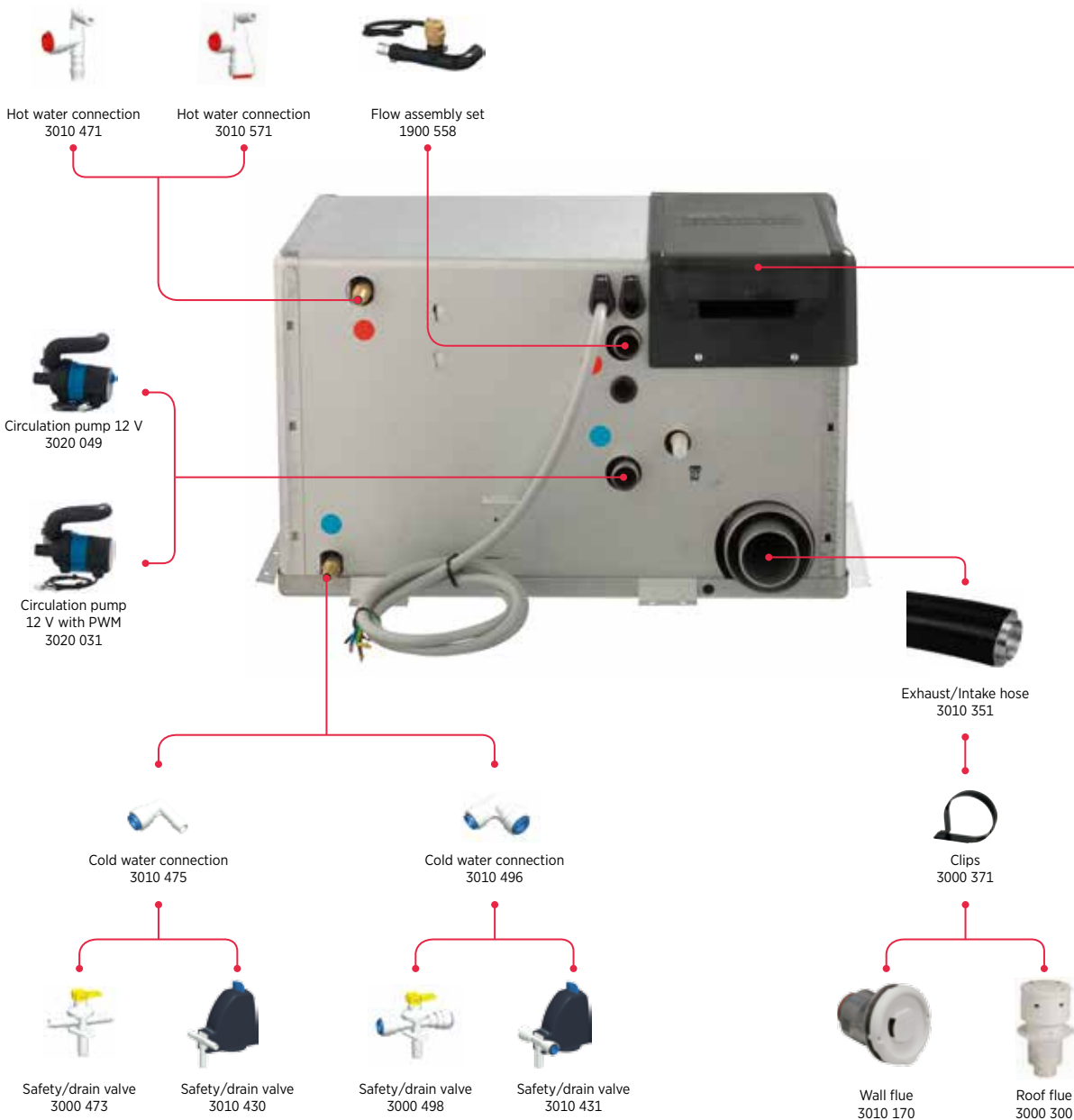
- Flue, roof-mounted or side-mounted.
- Intake and exhaust hose.
- Connection cable for control panel.
- Control panel, mechanical or touch screen.
- 12 V circulation pump (in the expansion tank or on the boiler).
- Bleeding kit (recommended).
- Nipples for the fresh water connections.
- Safety/drain valve.

Get more from your Alde heating system! (not for control panel 3010 214).

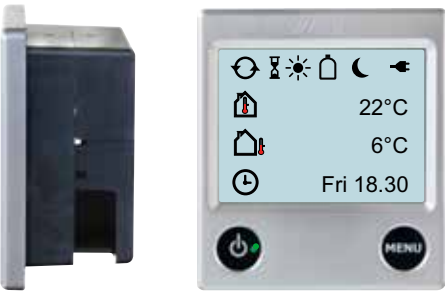
- Outdoor temperature sensor.
- Discrete room temperature sensor.
- Load monitor.
- Battery backup.
- Alde Smart Control, control via smartphone.
- Connection to AC.

With options dongle:

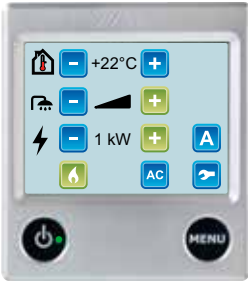
- Defroster to pressure reducing valve.
- Sensor for LPG changeover.
- Control of the circulation pump with PWM.
- Control of fan on heat booster.
- Control of the circulation pump for the heat exchanger.
- Control of the circulation pump for floor heating.
- Control of the circulation pump for external hot water heater.







Standby Screen



Main Menu



Settings Menu

Control panel with colour touch screen

Alde Control Panel is based on the latest technology. Its 3.5" TFT touch screen makes it easy to navigate through the various functions. The screen resolution ensures a clear picture in both daylight and darkness. The control panel also features a user-friendly interface, with self-explanatory menus in colour.

Alde Compact 3020 HE can be connected to most models\* of Truma AC and therefore give full climate control.

An options dongle (art. nr 3020 023) allows access to the following premium functions:

- Control of the floor heating pump.
- Control of the booster fan.
- Control of the circulation pump for the heat exchanger.
- Control of Alde Flow.
- DuoControl changeover with EisEx.

The control panel is divided into three menu categories:

**Standby Screen.** The time and temperature are shown here, along with whatever is connected to the Compact 3020 HE.

**Main Menu.** The basic heating settings are defined here: required temperature, extra hot water and energy selection, among other things.

**Settings Menu.** Here you can adjust and connect additional functions to the Compact 3020 HE.

Dimensions: 97×86 mm.

- Part no. 3020 113    Silver.  
Part no. 3020 114    Black.

*\* Truma Aventa comfort, Truma Aventa eco, Truma Saphir comfort RC, Truma Saphir compact (from serial no. 23091001).*



Connection cable

Connection cable between boiler and control panel 3020 113 och 3020 114.

- Part no. 3020 015    Length 3.0 m.  
Part no. 3020 027    Length 6.0 m.  
Part no. 3020 017    Length 9.0 m.  
Part no. 3020 028    Length 12.0 m.  
Part no. 3020 018    Length 15.0 m.



Control panel - Manual

Switch for controlling electrical heating cartridge, LPG boiler and circulation pump. Gives priority to the boiler's electrical heating cartridge. If the electrical heating cartridge is not sufficient, the LPG boiler starts.

Dimensions: 73×116 mm.

Part no. 3010 214



Cable for manual control panel

Connection cable between adapter lead 3020 035 and control panel 3010 214. Includes connection for discrete temperature sensor cable.

Part no. 3010 206    Length 5.0 m.



Adaptor lead

Adapter lead between boiler and cable 3010 206. Connects to port X9 on the 3020 Compact HE.

Part no. 3020 035    Length 0.25 m.





Discrete sensor

Small button-design sensor, used to site a sensor wherever needed, or if the control panel's integrated sensor is affected by another heat source. Extends 8 mm from the wall.

Two discrete room sensors can be connected to the control panel. For best performance and comfort, one sensor will be sited in the bedroom area and one in the living room area. The governing room sensor can be selected on the control panel..

- Part no. 3010 238    Sensor.
- Part no. 3010 226    Cable. Length 0.5 m.
- Part no. 3010 253    Cable. Length 2.0 m.
- Part no. 3010 254    Cable. Length 8.0 m.



High exposure room sensor

Extremely sensitive discrete room sensor for the ultimate in accuracy. Extends 13 mm from the wall. Size 32 x 13 mm.

- Part no. 3010 638



Outdoor sensor

Sensor with cable for measuring outdoor temperature. With the outdoor sensor connected becomes automatic air conditioning even better.

- Part no. 3010 221    Length 2.5 m.
- Part no. 3010 222    Length 5.0 m.

LPG interface for Alde Compact 3020 HE



Sensor for LPG changeover

Indicates whether the LPG cylinders are ready for use.

Cable length 1.5 m. The sensor is fitted to Trumas DuoComfort, DuoControl CS or DuoControl.

Connects to the options dongle via cable 3020 041.

For use with Alde Compact 3010, use cable 3010 419.

- Part no. 3010 427



Defroster EisEx

EisEx, 12 volts defroster. Prevents icing of the regulator in the winter. Installed in the existing outlet on the regulator.

Fits MonoControl CS, DuoControl CS, SecuMotion, DuoComfort and DuoControl.

Connects to the options dongle via cable 3020 041.

For use with Alde Compact 3010, use cable 3010 419.

- Part no. 3010 428



Cable for LPG changeover

Used between the options dongle and sensor 3010 427 as well as defroster 3010 428. Length 10 m.

- Part no. 3020 041



Battery backup

Used to retain the control panel settings when the vehicle's main switch is off.

For 2x AA batteries (not included).

- Part no. 3010 414



Window circuit breaker

Switches off LPG operation of the boiler if the window is opened.

- Part no. 3010 280    Window circuit breaker.
- Part no. 3010 220    Connection cable. Length 0.2 m.



Load monitor

Used to limit power consumption of the vehicle. Reduces the output of the electric element in stages if the load is too high.

- Part no. 3010 246    Length 6.0 m.
- Part no. 3010 251    Length 14.0 m.



Options dongle

An options dongle allows access to premium functions, such as control of the floor heating pump, booster fan and heat exchanger, from the control panel. It also allows a DuoControl LPG changeover device to be connected and can be used for controlling a tank for additional hot water.

The options dongle is fitted in the service hatch of the boiler with the fasteners supplied.

- Part no. 3020 023



Additional Leads for Alde Compact 3020 HE

Cable for booster fan and circulation pumps

Cable for connecting a booster fan and 12 V circulation pumps. Length 0.2 m.

- Part no. 3010 209



Lead for external start

Lead to connect to telemetry system for external start of the boiler. Length 0.2 m.

- Part no. 3010 219







Wall flue

Flue for side installation. Delivered with hose clips for exhaust hose and inlet hose. Size of hole Ø 83 mm.

- |                   |                       |
|-------------------|-----------------------|
| Part no. 3010 170 | White flue cap.       |
| Part no. 3010 375 | Light grey flue cap.  |
| Part no. 3010 376 | Medium grey flue cap. |
| Part no. 3010 386 | Dark grey flue cap.   |
| Part no. 3010 384 | Black flue cap.       |



Condensate spout

An accessory for every winter camper.

Ice formation on the side of the vehicle in winter is a well-known problem for caravan and motor caravan owners. The Condensate spout just clicks onto the wall flue. It also ensures the vehicle's heating system continues to operate. Material: PE black.

Part no. 3010 697



Roof flue

Roof flue including hose clips for exhaust and intake hose. Internal diameter 76 mm. Max. roof thickness 60 mm. Height above roof, 95 mm. 15 pcs/pack.

Part no. 3000 300



Extension pipe

Extension pipe for roof flue for winter camping. Extends the flue by 200 mm.

Part no. 3000 320



Hose set for flue

Exhaust hose Ø 50.5 mm in aluminium.  
Intake hose Ø 75 mm in aluminium.

Permitted length of hose:  
Wall flue 0.5-2.0 m.  
Roof flue 2.0-3.5 m.

- |                   |                      |
|-------------------|----------------------|
| Part no. 3010 351 | Length 0.7 m.        |
| Part no. 3010 352 | Length 0.97 m.       |
| Part no. 3010 353 | Length 1.45 / 1.5 m. |
| Part no. 3010 354 | Length 1.95 / 2.0 m. |
| Part no. 3010 355 | Length 2.45 / 2.5 m. |



Intake hose

Intake hose Ø 75 mm in aluminium.

Permitted length of hose:  
Wall flue 0.5-2.0 m.  
Roof flue 2.0-3.5 m.

Part no. 3000 360 Per metre.

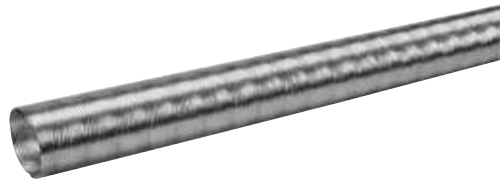


Exhaust hose

Exhaust hose Ø 50.5 mm.

Permitted length of hose:  
Wall flue 0.5-2.0 m.  
Roof flue 2.0-3.5 m

- |                   |                             |
|-------------------|-----------------------------|
| Part no. 3000 359 | Aluminium. 20 m/pack.       |
| Part no. 3000 350 | Stainless steel. 20 m/pack. |



Insulation hose

Insulation hose Ø 80 x 13 mm. Is mounted on the Intake hose in order to reduce noise from fan and boiler operation. Length 2.0 m.

Part no. 3000 361



P-Clips

P-Clips for securing Intake hose. The hose should be fastened at c/c 60 cm. 450 pcs/pack.

Part no. 3000 371

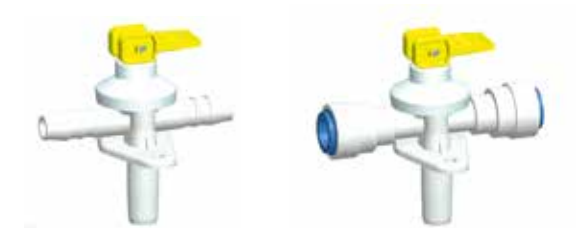




**FrostControl**

Combined safety valve and drain tap. Integrated frost protection that opens and drains the water heater automatically when there's a risk of frost (about +3 °C). The drain tap can also be opened manually. Installed close to the boiler's incoming fresh water pipe.

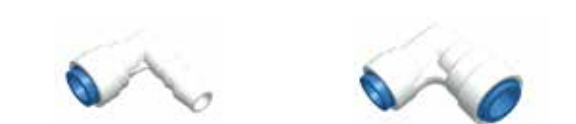
- Part no. 3010 430    Ø 10 mm hose connection.
- Part no. 3010 431    Ø 12 mm connection John Guest.



**Safety/drain valve**

Combined safety valve and drain cock. The safety valve opens at 3.5 bar. When draining water from the heater, the yellow lever is pushed upwards. Installed close to the boiler's incoming fresh water pipe.

- Part no. 3000 473    Ø 10 mm hose connection.
- Part no. 3000 498    Ø 12 mm connection John Guest.



**Domestic cold water connection**

Angle 90° for cold water.

- Part no. 3010 475    Ø 10 mm hose connection.
- Part no. 3010 496    Ø 12 mm connection John Guest.



**Domestic hot water connection**

Angle with built-in non-return valve which allows air in when the heater is drained. For hot water. Incl. 0.5 m hose for air in.

- Part no. 3010 471    Ø 10 mm hose connection.
- Part no. 3010 571    Ø 12 mm connection John Guest.



**Water connection kit**

Complete kit consisting of a safety valve / drain tap as well as cold and hot water connections. For Ø 10 mm hose connection.

- Part no. 3010 598



**Water connection kit - Speedfit**

Complete kit consisting of a safety valve / drain tap as well as cold and hot water connections. For Ø 12 mm John Guest connection.

- Part no. 3010 597

**Circulation pump**

Circulation pump 12 V for mounting on the Compact 3020th. Knob on pump motor for setting five different pumping speeds 6-15 l / min. Power consumption 12 volts: 00:25 - 1.9 A. Ø 22 mm connection.

- Part no. 3010 507



**Inline circulation pump**

Factory-fitted circulation pump for Compact 3020. Five speed with adjustable dial on motor. Power consumption 12 Volt: 0.25 - 1.6 A. Ø 22 mm connection. Not for use as spare part.

- Part no. 3020 049



**Inline circulation pump - Remote controlled**

Circulation pump for mounting on Compact 3020. Connected to control panel to allow remote control of pump speed by PWM. Five speeds. Power consumption 12 V: 0.25 - 1.6 A. Ø 22 mm connection.

- Part no. 3020 031





Expansion tank - Wall

Expansion tank including wall-mounting, mounting nuts for circulation pump and drainage hose. Reversible for adaptation to the heating system's pipes.

Part no. 3000 420

Technical data	
Breadth:	180 mm
Height:	231 mm incl caps and connecting pipe
Depth:	75 mm
Volume:	1.5 liter
Connection:	Ø 22 mm



Protective cover - Wall

Protective cover in light grey plastic, for mounting in front of the expansion tank. Also protects the circulation pump. Only fits expansion tank 3000 420. Size ca 700 x 200 mm.

Part no. 3000 440      700 x 200 mm.  
Part no. 3000 600      1050 x 200 mm.



Protective cover - Corner

Protective cover in light grey plastic, for mounting in front of the expansion tank. Only fits expansion tank 3000 495. Size ca 710 x 250 mm.

Part no. 3000 640



Expansion tank - Corner

Expansion tank for corner installation including wall-mounting, mounting nuts for circulation pump and drainage hose.

Part no. 3000 495

Technical data	
Breadth:	210 mm
Height:	231 mm incl caps and connecting pipe
Depth:	116 mm
Volume:	2.0 liter
Connection:	Ø 22 mm



Rubber blank

Rubber blank for inserting into expansion tank lid when not using 12 V circulation pump in tank.

Part no. 3000 416



Sundry assembly parts

Flow Assembly

Rubber connector with automatic air bleed valve, and non-return valve to prevent auto-circulation of central heating. Fitting to the flow duct of the boiler.

Part no. 1900 887



Floor inlet

Floor inlet for air hoses and draining hoses from the expansion tank and boiler. Outlet for four hoses. Size of hole: Ø 32 mm. 50 pcs/pack.

*(The hoses are not included, only for the illustration).*

Part no. 1900 565



Expansion tank - Bottom Filled

Expansion tank in plastic with drainage and bleed hose. Reversible, with three wall mountings. Single port. For use with bottom-filled systems only.

Part no. 3020 045

Technical data	
Breadth:	220 mm
Height:	300 mm
Depth:	40 mm
Volume:	2.0 liter
Connection:	Ø 22 mm



Alde Flow

Shower as long as you want with the Alde Flow! Allowing continuous hot water, the Alde Flow is a supplemental heat exchanger connected to the 3020 Compact HE system. By increasing the surface area between the central heating and hot water, the water can be heated as it flows through the system without needing a large storage tank.



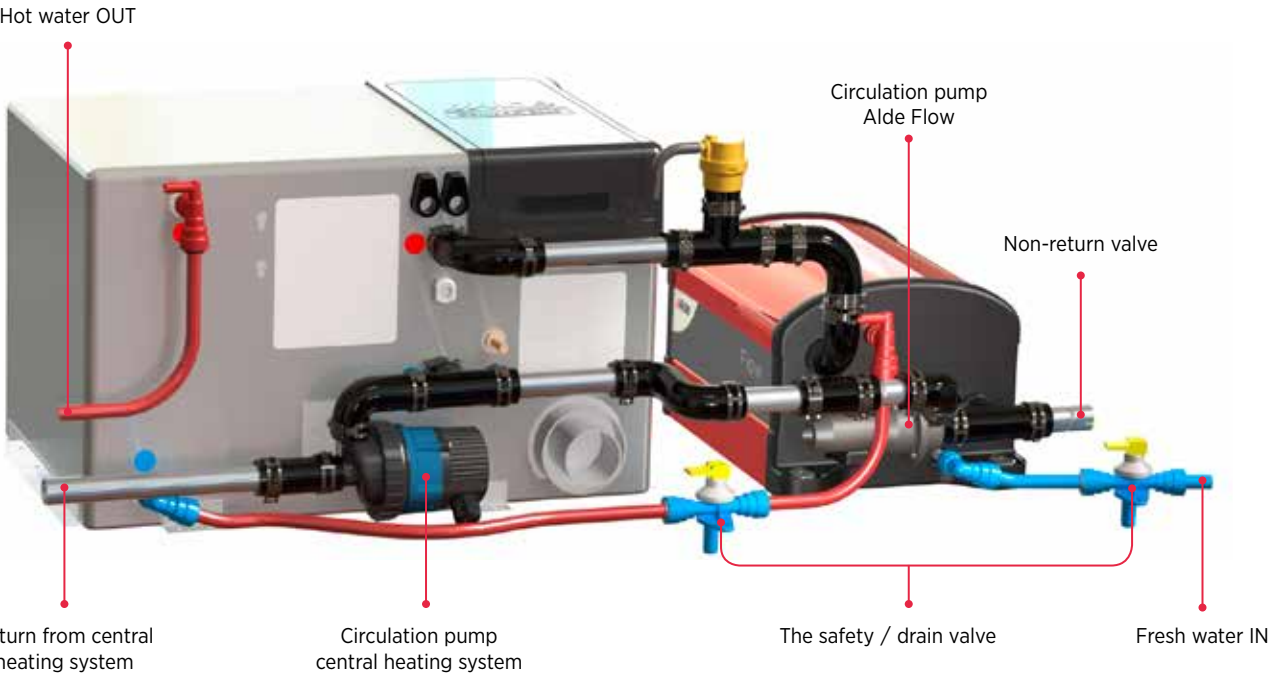
Alde Flow, in combination with Alde Compact 3020 HE\* in boost mode and with a flow of 3.5 litres per minute (equal to a standard caravan/motorhome shower) gives you continuous 40 °C shower water as long as you have a fresh water supply.

For pre-2016 Alde Compact models, Alde Flow functions as auxiliary 6 litre hot water storage.

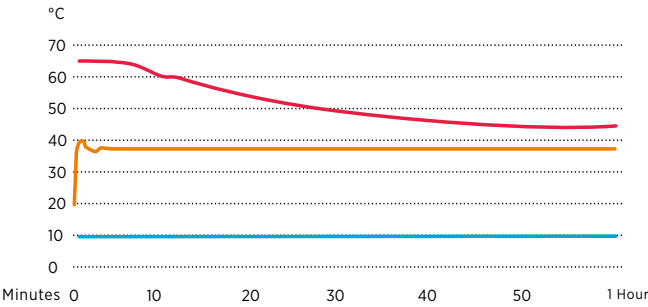
\* Applies from 2016 models

Part no. 3020 161

Technical data	
Breadth:	225 mm
Height:	180 mm
Depth:	320 mm, without pump
Volume:	2.0 liter
Weight:	2.3 kg



A one-hour shower at a flow of 3.5 l/min.  
— Hot water temperature boiler.  
— Shower water temperature (38 °C).  
— Supply water temperature (10 °C).







- 1. Convectors.
- 2. Central heating boiler.
- 3. Expansion tank.
- 4. Engine heat exchanger 2968.
- 5. Engine.
- 6. Circulation pump 2755 000.

Engine heat exchanger

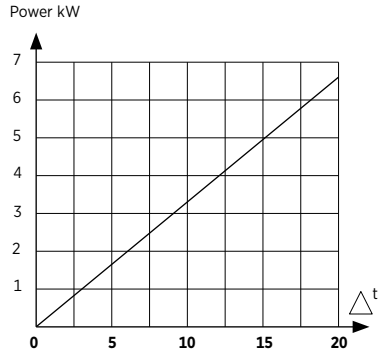
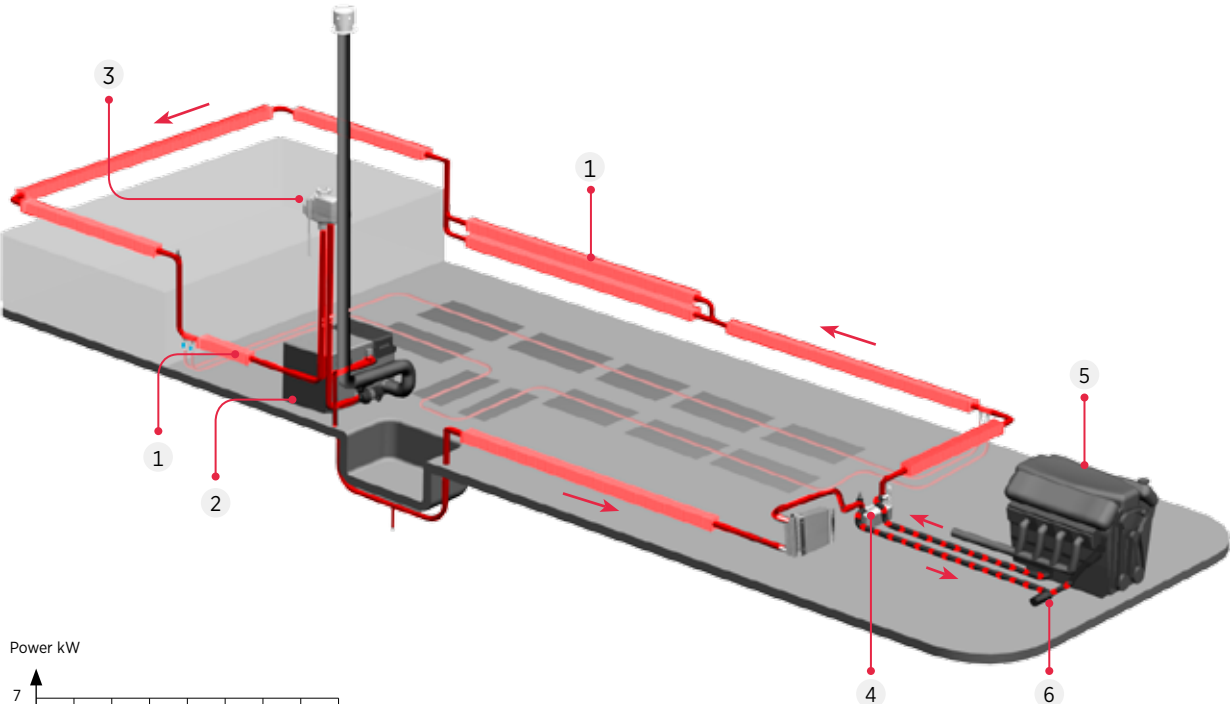
The waste heat in an engine's cooling system can be used for heating the living space via Alde's engine heat exchanger and central heating system. Then all that's required is to set the desired room temperature on the control panel as normal and the central heating circulates automatically when called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

The system can be reversed if a circulation pump (2755) 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.

- Part no. 2968 901 Standard model.
- Part no. 2968 912 With shut-off cock, angled connections and venting nipple.

Technical data	
Dimensions:	L 190 x B 72 x H 65 mm (excl. connections)
Weight:	1.3 kg
Connection to the heating system:	Ø 22 mm
Connection to the engine system:	Ø 16 mm
Power:	see diagram below



$$\Delta t \left[ \frac{t_1 + t_2}{2} \right] - \left[ \frac{t_3 + t_4}{2} \right]$$

t1 = Incoming liquid temp (vehicle's cooling system)  
t2 = Outgoing liquid temp. (vehicle's cooling system)  
t3 = Incoming liquid temp. (central heating system)  
t4 = Outgoing liquid temp. (central heating system)  
(The liquid consists of 50% water and 50% glycol.)

Bracket

Bracket for engine heat exchanger.  
Part no. 2968 303



Rubber elbow

Rubber elbow 150 x 150 mm. Ø 15 x 4.5 mm. 100 pcs/pack.  
Part no. 2968 301



Radiator hose

Radiator hose reinforced, Ø 15.7 x 3.6 mm. 60 m/pack.  
Part no. 2968 302



Band clip

Band clip 22 x 12 mm for reinforced radiator hose and rubber elbow 2968 301.  
Part no. 1900 225



Connector

Plastic connector 16 - 22 mm.  
Part no. 2968 322



T-pipe

For the connection of the engine heat exchanger to the motor.  
Part no. 2968 304 16/16/16 mm in brass.  
Part no. 2968 316 16/19/19 mm in brass.  
Part no. 2968 319 19/19/19 mm in brass.  
Part no. 2968 306 16/22/22 mm in plastic.



Assembly set

Assembly set with rubber angles, clips and holder for engine heat exchanger 2968 901.  
Part no. 2968 300



Heating control

Heating control for remote control of the flow between the motor and engine heat exchanger. Ø 16 mm hose connection. Wire length: 1.0 m.  
Part no. 2968 310



Circulation pump - Engine pre-heat

Is used when the central heating and engine heat exchanger are to function as an engine-pre-heater. The permanent magnetic centrifugal motor does not restrict circulation when not in use.  
Part no. 2755 000

Technical data	
Hose connection:	Ø 16 mm
Max. flow with 0.1 bar:	15 l/min
Voltage:	9 - 15 V
Power consumption:	< 1.2 A





Convectors

Convectors in Aluminium. 42 pcs/pack.

Part no. 1900 385	Length 400 mm.
Part no. 1900 384	Length 700 mm.
Part no. 1900 383	Length 1000 mm.
Part no. 1900 382	Length 1300 mm.
Part no. 1900 381	Length 1600 mm.
Part no. 1900 380	Length 1900 mm.

Technical data	
Height including mounting:	60 mm
Depth including mounting:	65 mm
Power:	400 W/m
Weight:	0.6 kg/m
Pipe:	Ø 22 mm



Convector with guard

Convector with fitted guard of structured aluminium sheet.

Part no. 1900 407	Length 600 mm.
Part no. 1900 405	Length 900 mm.
Part no. 1900 408	Length 1200 mm.
Part no. 1900 406	Length 1500 mm.

Technical data	
Height including mounting:	85 mm
Depth including mounting:	68 mm
Power:	400 W/m
Weight:	0.8 kg/m
Pipe:	Ø 22 mm



In-built convector

Convector in aluminium for recessing in stowage compartments, etc. For Ø 22 mm heating system.

Power approx. 400 watt/m.

Part no. 1900 456	305 mm.
Part no. 1900 457	555 mm.
Part no. 1900 458	805 mm.

Technical data	1900 456	1900 457	1900 458
Height including frame:	205 mm	205 mm	205 mm
Length including frame:	305 mm	555 mm	805 mm
Pipe length:	336 mm	577 mm	830 mm
Depth:	65 mm	65 mm	65 mm
Weight:	0.3 kg	0.5 kg	0.75 kg
Pipe:	Ø 22 mm	Ø 22 mm	Ø 22 mm



Miniconvectors

Convector in Aluminium for special applications. Including plastic holders.

Part no. 1900 081	Length 400 mm.
Part no. 1900 082	Length 600 mm.
Part no. 1900 085	Length 900 mm.
Part no. 1900 083	Length 1000 mm.
Part no. 1900 084	Length 1200 mm.
Part no. 1900 597	Rubber sleeve Ø 16 > 22 mm. 600 pcs/pack.

Technical data	
Height including mounting:	44 mm
Depth including mounting:	36 mm
Power:	180 W/m
Weight:	0.4 kg/m
Pipe:	Ø 16 mm



Seat heating convector

U-shaped convector package for mounting in the seat base. They click in place on the underframe of the seat, in one simple operation. Available for Fiat, Peugeot, Citroën and Renault chassis.

Supplied with clips, rubber connection and clamps.

Part no. 1900 830

Technical data	
Height:	200 mm
Breadth:	345 mm
Depth:	480 mm
Power:	150 W
Weight:	1.1 kg
Pipe:	Ø 22 mm







Fan convector

A compact heating package consisting of a specially manufactured, tightly packed convector with two 12 volt fans. Efficient in such places as drying cabinets. Two fan speeds.

Part no. 1900 665

Technical data	
Dimensions:	L 250×H 80×D 63 mm
Power:	180 W vid ΔT= 50 °C
Voltage:	10 - 14 V DC
Power consumption:	300 mA
Weight:	0.33 kg
Connection:	Ø 22 mm



Fan package for convectors

The fan package is mounted under a convector where extra heat and increased airflow are needed. For maximum heating power, the fan package should be mounted on a tightly packed convector. Two fan speeds.

Part no. 1900 660

Technical data	
Dimensions:	L 175×H 40×D 63 mm
Voltage:	10 - 14 V DC
Power consumption:	300 mA

Switch

Switch for heating booster and fan convector. Two output settings. Size of hole: Ø 20 mm.

Part no. 1900 658



Minibooster with fan

A compact heating package consisting of a specially manufactured aluminium radiator. Two fan speeds. For Ø 22 mm heating system.

Part no. 1900 630

Technical data	
Dimensions:	B 215×H 140×D 90 mm
Power:	650 W vid ΔT= 50 °C
Voltage:	10 - 14 V DC
Power consumption:	350 mA
Weight:	0.8 kg
Connection:	Ø 22 mm



Ducted cover

Used to guide the air flow via a hose to specific points. For booster 1900 630. Hose connection: Ø 57 mm.

Part no. 1900 886



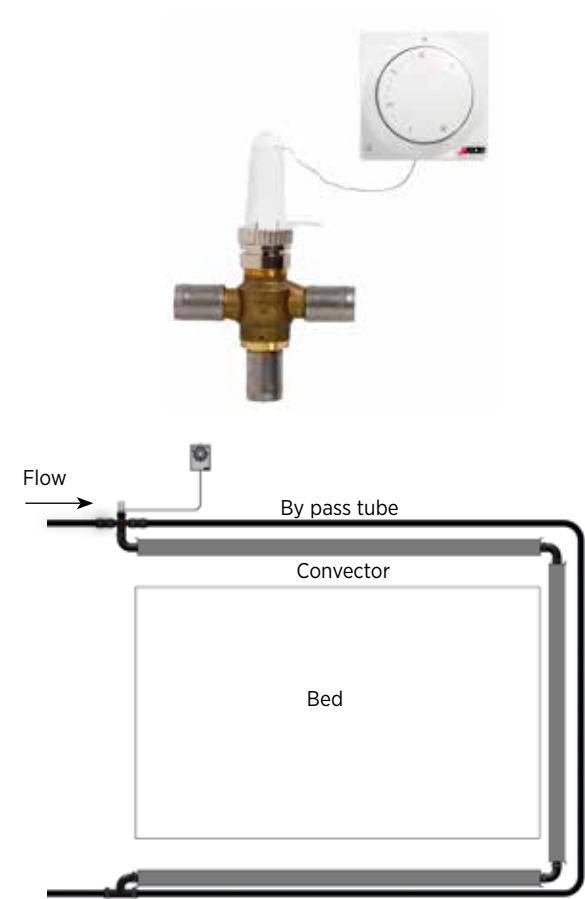
Booster with fan

A compact heating package consisting of specially manufactured aluminium convectors. Two fan speeds. For Ø 22 mm heating system.

Part no. 1900 635 with four convectors.  
Part no. 1900 641 with six convectors.

Technical data	
Dimensions:	B 330×H 126×D 151 / 210 mm
Power:	500 / 700 W vid ΔT= 50 °C
Voltage:	10 - 14 V DC
Power consumption:	350 mA
Weight:	1.3 / 2.2 kg
Connection:	Ø 22 mm





Thermostatic bypass two zone comfort

Alde's temperature control allows you to adjust the temperature in a second area, giving two different heating zones in the vehicle. A second thermostat regulates the temperature of the selected area, such as a bedroom, toilet or garage.

This is recommended for larger vehicles. Installation is normally carried out by the vehicle manufacturer, but the temperature control can also be retro-fitted.

Part no. 1900 275

Technical data	
Max storage temperature:	50 °C
Length of capillary tube:	2 + 2 m
Material:	Polyamid
Measurement sensor:	24 mm
Weight:	280 g
Connection:	Ø 22 mm

Panel radiator



Panel radiator

Designed panel radiator in aluminium. Suitable for confined spaces such as toilets, wardrobes, in which it is difficult to install an ordinary convactor. Includes bleeder screw on top.

For Ø 22 mm heating system.

- Part no. 1900 686 500 mm White (RAL 9016).
- Part no. 1900 687 500 mm Silver (RAL 9006).
- Part no. 1900 680 700 mm White (RAL 9016).
- Part no. 1900 681 700 mm Silver (RAL 9006).

Technical data	
Power:	110 / 150 W vid ΔT= 50 °C
Height:	500 / 700 mm
Breadth:	220 mm
Weight:	1.7 / 2.4 kg
Connection:	Ø 22 mm

Spare parts

- Part no. 1900 691 Mounting kit White.
- Part no. 1900 692 Mounting kit Silver.
- Part no. 1900 594 Rubber bridge connector with bleed screw.

Towel radiator

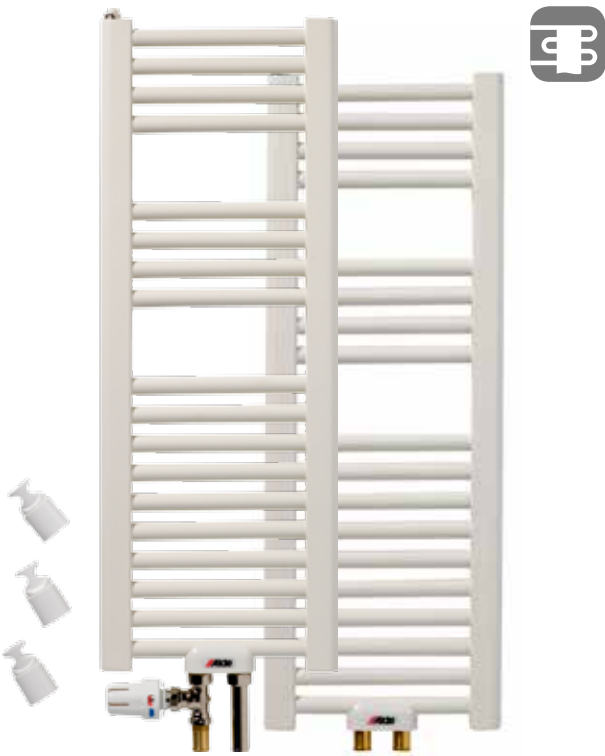
An exclusive Towel radiator for bathrooms and toilets. The Towel radiator is traditionally constructed for practical hanging up of towels and has a high performance heat output.

The installation dimensions of the Towel radiator are designed for caravans, motor homes and boats.

It is produced in steel, powder lacquered in RAL 9016 and equipped with a thermostat for regulation of the temperature. The connections are 22 mm and it is delivered complete with adjustable wall holders.

- Part no. 1900 695 without thermostat.
- Part no. 1900 696 with thermostat.

Technical data	
Power:	200 W
Height:	825 mm
Breadth:	300 mm
Assembly depth:	48 - 70 mm
Weight:	5.1 kg
Connection:	Ø 22 mm



Towel radiator

An exclusive Towel radiator for bathrooms and toilets. The Towel radiator is traditionally constructed for practical hanging up of towels and has a high performance heat output.

The installation dimensions of the Towel radiator are designed for caravans, motor homes and boats.

It is produced in steel, powder lacquered in RAL 9016 and equipped with a thermostat for regulation of the temperature. Delivered with adjustable wall holders.

Part no. 1900 819

Technical data	
Power:	150 W
Height:	825 mm
Breadth:	300 mm
MonteringsDepth:	48 - 70 mm
Weight:	3.7 kg
Connection:	Ø 22 mm



Rubber connection

Rubber connection for heated towel rail 1900 619, and towel radiators 1900 695 and 1900 696. EPDM 21.4 x 4.25 mm.

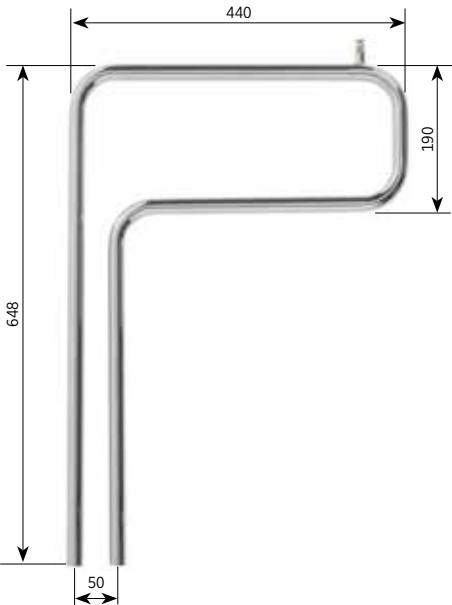
Part no. 1900 609

With prefitted spring Band clips.

Part no. 1900 837

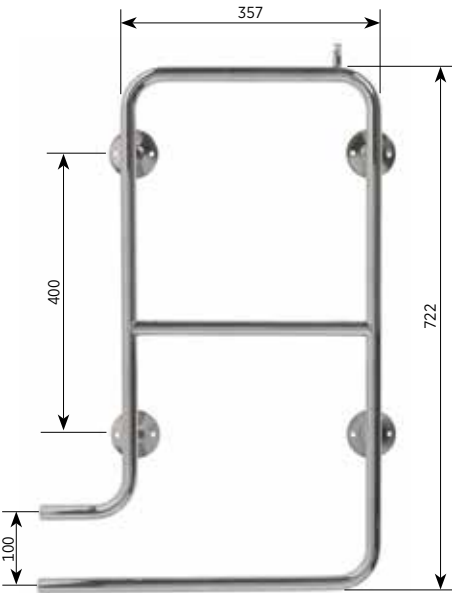






**Heated towel rail - Papa**

Heated towel rail in chrome-plated steel tubing which is assembled directly into the normal central heating system. Bleed screw at the top of the heater. Ø 22 mm connection. Use holder 1900 615 for installation.  
Part no. 1900 619



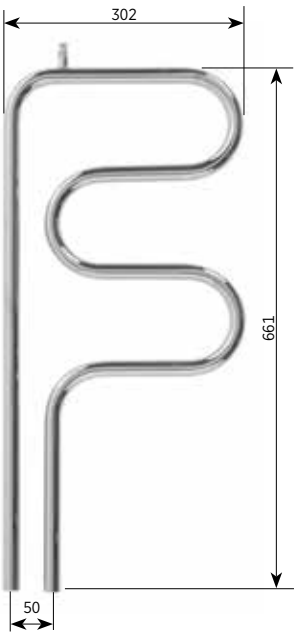
**Heated towel rail - Alpha**

Heated towel rail in chrome-plated steel tubing which is assembled directly into the normal central heating system. Bleed screw at the top of the heater. Ø 22 mm connection.  
Part no. 1900 869



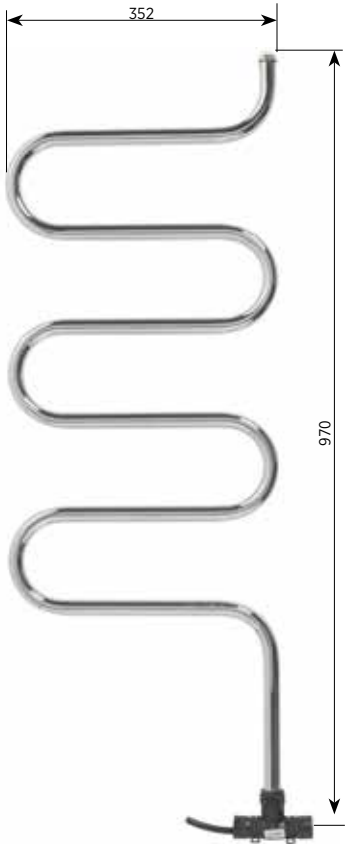
**Heated towel rail - Bravo**

Heated towel rail in chrome-plated steel tubing which is assembled directly into the normal central heating system. Bleed screw at the top of the heater. Ø 22 mm connection. Use holder 1900 615 for installation.  
Part no. 1900 618



**Heated towel rail - Sierra-Zulu**

Heated towel rail in chrome-plated steel tubing which is assembled directly into the normal central heating system. Bleed screw at the top of the heater. Ø 22 mm connection. Use holder 1900 615 for installation.  
Part no. 1900 864



**Bracket**

Plastic bracket for heated towel rails. Chrome effect, shock absorbent. Not required for 1900 869. 10 pcs/pack.  
Part no. 1900 615





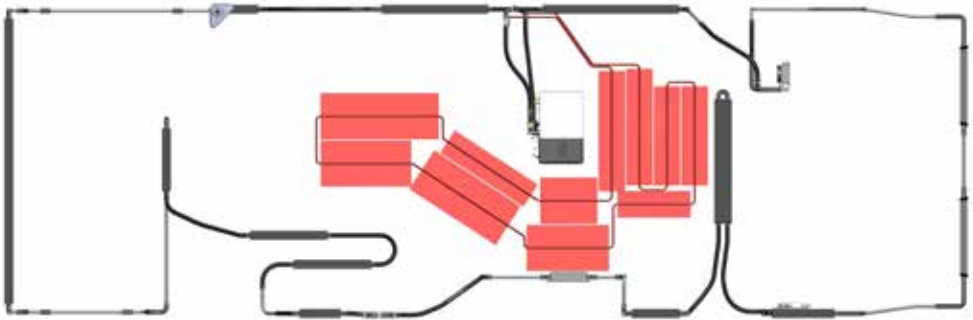
Floor heating

Floor 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.

Shut-off cock 1500 202 is used for easy control of the flow to the underfloor heating.

There is a special shunt package available for more advanced control.



Pipe

Floor heating pipe Ø 12 mm. “PE-X - aluminium - PE-X”. 100 m/pack.

Part no. 1500 100



Coupling

Straight coupling for Ø 12 mm pipe to coupling 1500 201. Ø 12 - 15 mm. 10 pcs/pack.

Part no. 1500 200



Coupling

Straight coupling for connection of the floor heating system to the central heating system. Ø 22 - 15 mm. 10 pcs/pack.

Part no. 1500 201



Union coupling

Straight union coupling for Ø 12 mm pipe. 10 pcs/pack.

Part no. 1500 203



Elbow coupling

Elbow coupling for Ø 12 mm pipe. 10 pcs/pack.

Part no. 1500 204



Locking clip

Locking clip for couplings. 100 pcs/pack.

Part no. 1500 210 12 mm.

Part no. 1500 211 15 mm.



Shut-off cock

Shut-off cock for floor heating system for Ø 12 mm pipe. 50 pcs/pack.

Part no. 1500 202

Floor plate

Floor plate of aluminium for Ø 12 pipe.

Part no. 1500 300 1000×180×0.3 mm.

Part no. 1500 305 1000×315×0.3 mm.



Pipe connection

Pipe connection Ø 22 mm - Ø 12 mm. Length 110 mm.

Part no. 1900 188



Pipe connection

Pipe connection Ø 22 mm - Ø 12 mm. Length 110 mm.

Part no. 1900 187



Pipe connection

Pipe connection Ø 22 mm - Ø 12 mm. Length 150 mm.

Part no. 1900 141



Pipe connection

Pipe connection 90° Ø 22 mm - Ø 12 mm. 100 x 100 mm.

Part no. 1900 140



Rubber Hose

Rubber EPDM.

Part no. 1900 043 Ø 11.5 mm int. Ø 17.5 mm ext. 130 m / package.

Part no. 1900 044 Ø 15.5 mm int. Ø 21.5 mm ext. 90 m / package.



Shunt package

Using the shunt package the floor heating is run as a separate unit with its own thermostat and circulation pump, where the outgoing temperature of the fluid is controlled. If the floor heating is run as a separate circuit, which is also temperature controlled (fluid temp.), the flow will always be constant, the temperature of the floor surface more even and the convector circuit “undisturbed”.

When the convector circuit is not affected the heat output becomes more even and the flow is always constant. Besides, the user of the vehicle can determine the floor temperature to suit their requirements, regardless of the value set on the boiler’s thermostat.

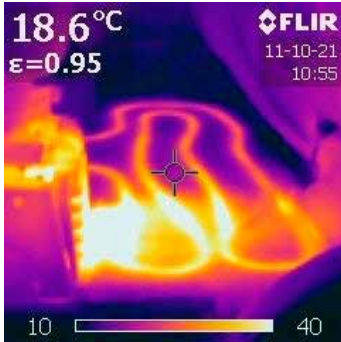
The boiler and convector circuit need to be converted!

Part no. 1900 250

Technical data	
Dimensions:	B 300×H 148×D 258 mm
Power consumption:	0.25 – 1.9 A
Connection:	Ø 16 och Ø 22 mm
Weight:	2.0 kg







**Heating mat MB Sprinter**

Heating mat for the floor of the cab in the camper. The heating mat is made of materials from the commercial vehicle industry: heat-resistant PU foam, temperature safe to 90° C and water repellent. Eyelets for attaching the mat. Ø 12 mm hose connections to convector system.

*Only available in Left-Hand Drive.*

Part no. 1500 330



**Heating mat Renault Master**

Heating mat for the floor of the cab in the camper. The heating mat is made of materials from the commercial vehicle industry: heat-resistant PU foam, temperature safe to 90° C and water repellent. Eyelets for attaching the mat. Ø 12 mm hose connections to convector system.

*Only available in Left-Hand Drive.*

Part no. 1500 331



**Heating mat Fiat, Citroen and Peugeot**

Heating mat for the floor of the cab in the camper. The heating mat is made of materials from the commercial vehicle industry: heat-resistant PU foam, temperature safe to 90° C and water repellent. Eyelets for attaching the mat. Ø 12 mm hose connections to convector system.

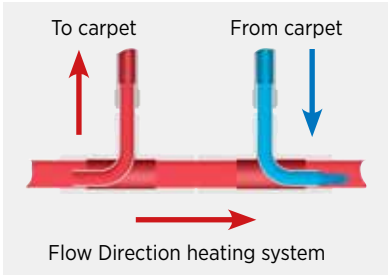
*Only available in Left-Hand Drive.*

Part no. 1500 332

**Connection kit**

Connection kit for heating mats with special pipes to lead the heat to the mat heating coils. Ø 22-12 mm connection.

Part no. 1900 848



**Quick connection kit**

Quick connection kit for the heating system for easy take out the carpet for cleaning or storage. Ø 12 mm connection.

Part no. 1900 849



**Quick connector**

Quick connector "female" to the heating system for easy take out the carpet for cleaning or storage. Ø 12 mm hose connection.

Part no. 1500 380



**Quick connector**

Quick connector "male" to the heating system for easy take out the carpet for cleaning or storage. Ø 12 mm hose connection.

Part no. 1500 381



**Rubber Hose**

Rubber EPDM. Ø 11.5 mm int. Ø 17.5 mm ext. 130 m / package.

Part no. 1900 043












**Clip**

Band clip for maximum strength and sealing of rubber fastenings.

Part no. 1900 052 17 × 12 mm.



	<b>Convactor retraining bracket</b> Convactor retraining bracket in aluzinc for convector and convector protector. Part no. 1900 126
	<b>Convactor mounting bracket</b> Convactor mounting bracket in aluminium for Ø 22 pipe and convectors. Part no. 1900 146
	<b>Support for convectors</b> Centre support for long convectors. Part no. 1900 147
	<b>Floor-mounted convector bracket</b> Floor mounting convector bracket in aluminium for pipe and convector. 150 mm c/c. Part no. 1900 168
	<b>Half clamp</b> Half clamp in stainless steel for Ø 22 mm pipe. 100 pcs/pack. Part no. 1900 114
	<b>Double clip</b> Double clip with sciew union for rubber connections. Ø 30 mm. Part no. 1900 129
	<b>Double clip</b> Double clip for rubber connections. Ø 30 mm. 750 pcs/pack. Part no. 1900 120
	<b>Clip</b> Band clip for maximum strength and sealing of rubber fastenings. Part no. 1900 176 For Ø 22 mm hose (29×12 mm). 700 pcs/pack. Part no. 1900 177 For Ø 19 mm hose (27×12 mm). 800 pcs/pack. Part no. 1900 051 For Ø 16 mm hose (21×12 mm). 1200 pcs/pack. Part no. 1900 052 För Ø 12 mm slang (17×12 mm). 2000 pcs/pack.

	<b>Super Heavy Duty Pliers</b> Special super heavy duty pliers with locking for band clip. Part no. 1900 178
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<b>Sealing compound</b> Loctite 5923 liquid elastic sealing compound. Is used on such things as joints between rubber connections and pipes. Volume 117 ml. Part no. 1900 174	
<b>Ball valve</b> Ball valve tap with connections for Ø 22 mm hose. Part no. 1900 087	
<b>Ball valve</b> Brass ball valve tap 3/4" R female. Part no. 1900 159	
<b>Nipple</b> Nipple for Ø 22 mm hose. 1/4" R. Part no. 1900 104	
<b>3-way valve</b> 3-way valve for bypass in the heating system. Used, for example, for heating in the motor home's garage section. 3 x 1/2" R female. Part no. 1900 109	
<b>Nipple</b> Brass nipple for 3-way valve 1900 109. Ø 22 - 1/2" R male. Part no. 2750 303	
<b>Air bleed extension</b> Air bleed extension of the venting screw. 1/8" R. Length 300 mm. Only fits 1900 515, 1900 545, 1900 006 and 1900 520. Part no. 1800 300	
<b>Air bleed</b> Air bleed. 1/8" R. Part no. 1900 204 1/8" R. Part no. 1900 277 Ø 12 mm.	
<b>Bracket</b> Bracket for rubber hose. 500 pcs/pack. Part no. 1900 127	

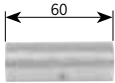
<b>Hose pinch pliers</b> Pliers with lock. Used for clamping rubber hoses when mounting and dismounting products on heating systems without draining the glycol mixture. Part no. 1900 172	
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Aluminium pipe

Aluminium pipe Ø 22x1 mm. Length 5 m.  
Part no. 1900 301



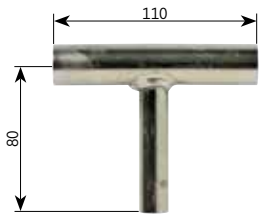
Stub

Connector pipe in aluminium Ø 22x1 mm. 25 pcs/pack.  
Part no. 1900 119



T-pipe

T-pipe in galvanised steel pipe. Ø 22 mm.  
Part no. 1900 148      L1= 110 mm      L2= 60 mm  
Part no. 1900 248      L1= 72 mm      L2= 42 mm



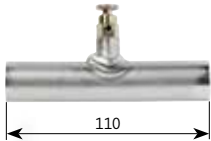
T-Pipe

T-pipe in galvanised steel pipe with 1/4" R muff for drain cock. Ø 22 mm.  
Part no. 1900 155



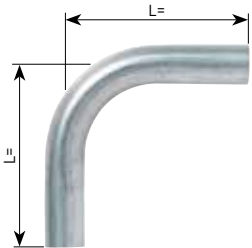
Drain cock

Drain cock 1/4" R in brass.  
Part no. 1900 191



Connector pipe with bleeder screw

Pipe in galvanised steel pipe with bleeder screw. Ø 22 mm.  
Part no. 1900 125



Pipe bend

Pipe bend 90° in galvanised steel pipe. Ø 22 mm.  
Part no. 1900 164      L= 100 mm.  
Part no. 1900 165      L= 500 mm.



Pipe bend

Pipe bend 90° in galvanised steel pipe with bleeder screw. Ø 22 mm.  
Part no. 1900 179



Pipe with non-return valve

For controlling direction of flow and preventing auto-circulation. Ø 22 mm.  
Part no. 1900 870

Rubber hose

Rubber hose. EPDM 21.4 x 4.25 mm.  
Per metre. 25 m/pack.  
Part no. 1900 002



Rubber hose

Rubber hose for slide-out walls. EPDM 21.4 x 4.25 mm. Length 1 m.  
Part no. 1900 213



Blanking cap

Blanking cap. EPDM 21.4 x 4.25 mm.  
Part no. 1900 030



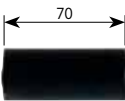
Rubber joint

Rubber joint EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 113



Rubber joint

Rubber joint EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 112



With mounted band clips.

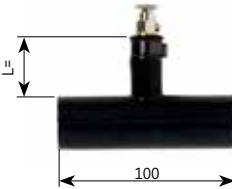
Part no. 1900 528

Rubber joint

Rubber joint with bleeder screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 516      L= 30 mm.

With mounted band clips.

Part no. 1900 526      L= 30 mm.  
Part no. 1900 853      L= 120 mm.

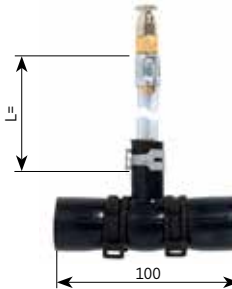


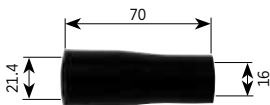
Rubber connection

Rubber connection with bleed screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 858      L= 300 mm hose length.  
Part no. 1900 860      L= 600 mm hose length.

With mounted band clips.

Part no. 1900 859      L= 300 mm hose length.  
Part no. 1900 861      L= 600 mm hose length.

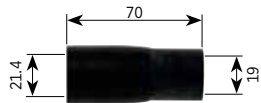




Hose reduction

Hose reduction 16 > 21.4 x 4.25 mm. EPDM. Can be used for replacing glycol fluid with 1900 811and 1900 839 Alde service pump.

Part no. 0714 871



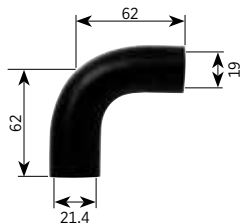
Hose reduction

Hose reduction 19 > 21.4 x 4.25 mm. 25 pcs/pack.

Part no. 1900 540

With mounted band clips.

Part no. 1900 541



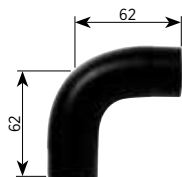
Hose reduction

Rubber elbow 90° with reduction 19 > 21.4 x 4.25 mm. EPDM. Can be used for replacing glycol fluid with 1900 811 and 1900 839 Alde service pump. 25 pcs/pack.

Part no. 3000 509

With mounted band clips.

Part no. 1900 531



Rubber elbow

Rubber elbow 90°. EPDM 21.4 x 4.25 mm. 25 pcs/pack.

Part no. 1900 003

With mounted band clips.

Part no. 1900 523



Rubber elbow

Rubber elbow 90° with bleeder screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.

Part no. 1900 006

With mounted band clips.

Part no. 1900 520



Rubber elbow

Rubber elbow 90° with bleeder screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.

Part no. 1900 008

With mounted band clips.

Part no. 1900 218



Rubber elbow

Rubber elbow 90°. EPDM 21.4 x 4.25 mm. 25 pcs/pack.

Part no. 1900 004

With mounted band clips.

Part no. 1900 529



Rubber drain

Rubber joint, T-shaped for drain. EPDM 21.4 x 4.25 mm.

Part no. 1900 512 Rubber connector.

Part no. 1900 258 Band clip.

Part no. 1900 514 Brass plug.

Complete with band clips and plug

25 pcs/pack.

Part no. 1900 518



Bottom Fill and Drain Point

Rubber connector with dual fill/drain hoses, for use in bottom-filled systems. Pre-mounted with spring clips and plugs. EPDM 21.4 x 4.25 mm.

Part no. 1900 876



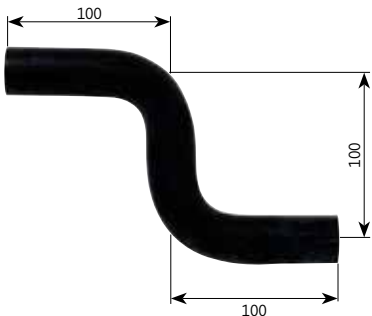
Rubber joint

Rubber joint. S-shaped. EPDM 21.4 x 4.25 mm. 25 pcs/pack.

Part no. 1900 111

With mounted band clips.

Part no. 1900 530



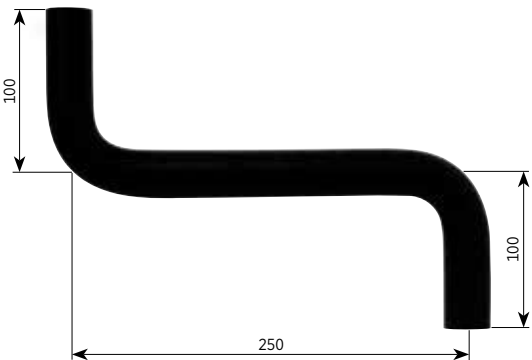
Rubber joint

Rubber joint, S-shaped. EPDM 21.4 x 4.25 mm. 25 pcs/pack.

Part no. 1900 110

With mounted band clips.

Part no. 1900 519



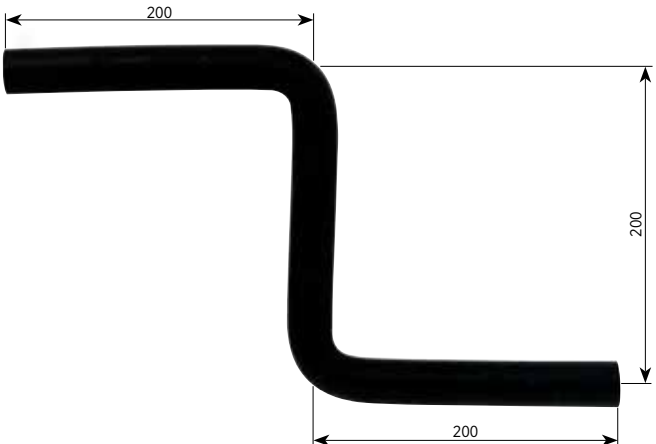
Rubber joint

Rubber joint, S-shaped. EPDM 21.4 x 4.25 mm. 25 pcs/pack.

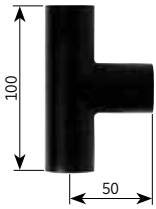
Part no. 1900 580

With mounted band clips.

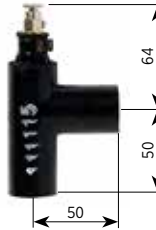
Part no. 1900 577







**Rubber joint**  
Rubber joint, T-shaped. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 504  
  
Complete with mounted band clips.  
Part no. 1900 524



**Rubber joint**  
Rubber joint, T-shaped with bleeder screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 509  
  
Complete with mounted band clips.  
Part no. 1900 517



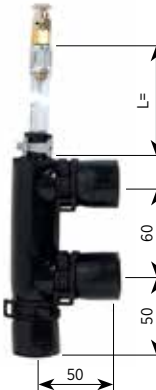
**Rubber joint**  
Rubber joint, T-shaped with hose and bleeder screw. Complete with mounted band clips. EPDM 21.4 x 4.25 mm.  
Part no. 1900 245    L= 300 mm tube length.  
Part no. 1900 862    L= 600 mm tube length.



**Rubber joint**  
Rubber joint, F-shaped. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 532  
  
Complete with mounted band clips.  
Part no. 1900 573



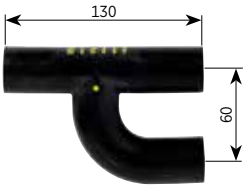
**Rubber joint**  
Rubber joint, F-shaped with bleeder screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 571  
  
Complete with mounted band clips.  
Part no. 1900 557



**Rubber joint**  
Rubber joint, F-shaped with hose and bleeder screw. Complete with mounted band clips. EPDM 21.4 x 4.25 mm.  
Part no. 1900 247    L= 300 mm tube length.  
Part no. 1900 965    L= 600 mm tube length.



**Rubber joint**  
Rubber joint, Y-shaped. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 502  
  
Complete with mounted band clips.  
Part no. 1900 522



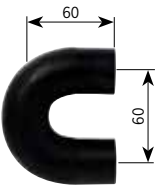
**Rubber joint**  
Rubber joint, Y-shaped with bleeder screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 511  
  
Complete with mounted band clips.  
Part no. 1900 521



**Rubber joint**  
Rubber joint, Y-shaped with hose and bleeder screw. Complete with mounted band clips. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 961    L= 300 mm tube length.  
Part no. 1900 964    L= 600 mm tube length.



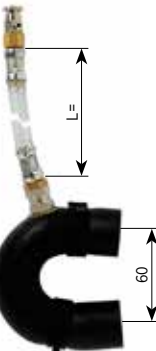
**Rubber joint**  
Rubber joint, U-shaped. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 505  
  
Complete with mounted band clips.  
Part no. 1900 525



**Rubber joint**  
Rubber joint, U-shaped with bleeder screw. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 515  
  
Complete with mounted band clips.  
Part no. 1900 545



**Rubber joint**  
Rubber joint, U-shaped with hose and bleeder screw. Complete with mounted band clips. EPDM 21.4 x 4.25 mm. 25 pcs/pack.  
Part no. 1900 246    L= 300 mm tube length.





Electric heater

Electrical heating cartridge in stainless steel with 230 V circulation pump.

Built-in transformer 230V > 12 V for power supply to the room thermostat. Control of room temperature and choice of power takes place via the room thermostat.

Assembly set: Room thermostat, 4 m cable to room thermostat and anchor plate. With CEE 7/7 European plug.

Part no. 2772 901

Technical data	
Length:	400 mm
Height:	150 mm
Width:	90 mm
Weight:	2.3 kg
Rated voltage:	230 V
Element power::	2100 W (2 × 1050 W)
Motor power::	23 W
Connection pipe:	Ø 22 mm
Volume glycol fluid:	0.8 liter
Max. pressure glycol fluid::	0.05 MPa ( 0.5 bar)

Service pump kit



Alde Service Pump

The Alde service pump is an unbeatable aid for filling Alde heating systems. The unit allows the operator to quickly fill and remove air from even the largest heating system in minutes. It is an essential tool for service centres and dealers working with Alde systems, as it also allows for quick and easy replacement of the glycol fluid. Not for use with bottom-filled systems.

Part no. 1900 811	Service pump 5 m reach.
Part no. 1900 839	Service pump 8 m reach.
Part no. 0714 871	Hose reduction 16 mm.
Part no. 1900 531	Hose reduction 19 mm.



**1973**  
Central heating boiler 2900. Also called Långe Jan (Long John) after a lighthouse on Öland in Sweden. Manufactured from 1973 to 1980. The first all-in-one boiler with gas control, expansion tank and circulation pump contained in a single unit.

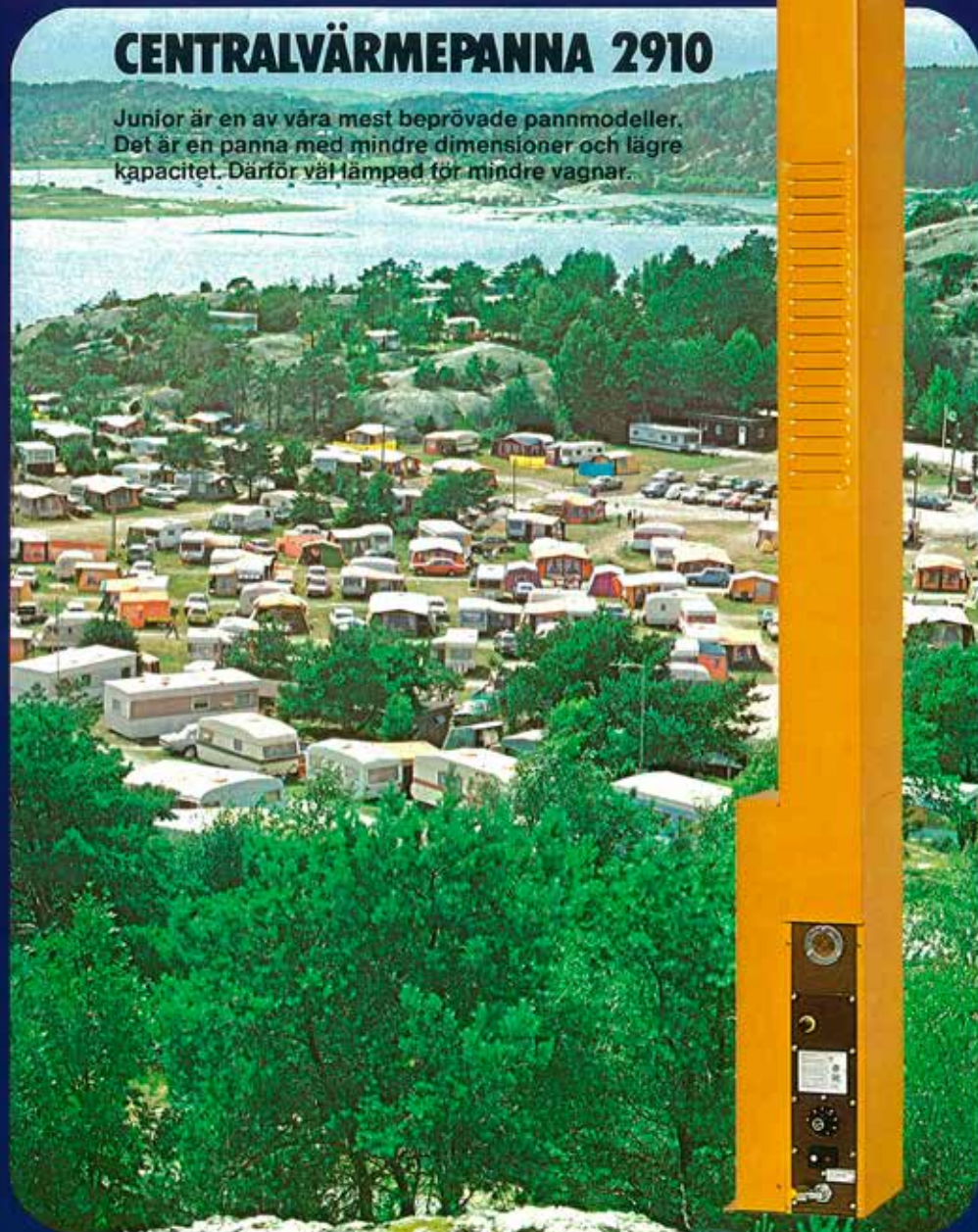




# OPTIMUS Junior

## CENTRALVÄRMEPANNA 2910

Junior är en av våra mest beprövade pannmodeller. Det är en panna med mindre dimensioner och lägre kapacitet. Därför väl lämpad för mindre vagnar.

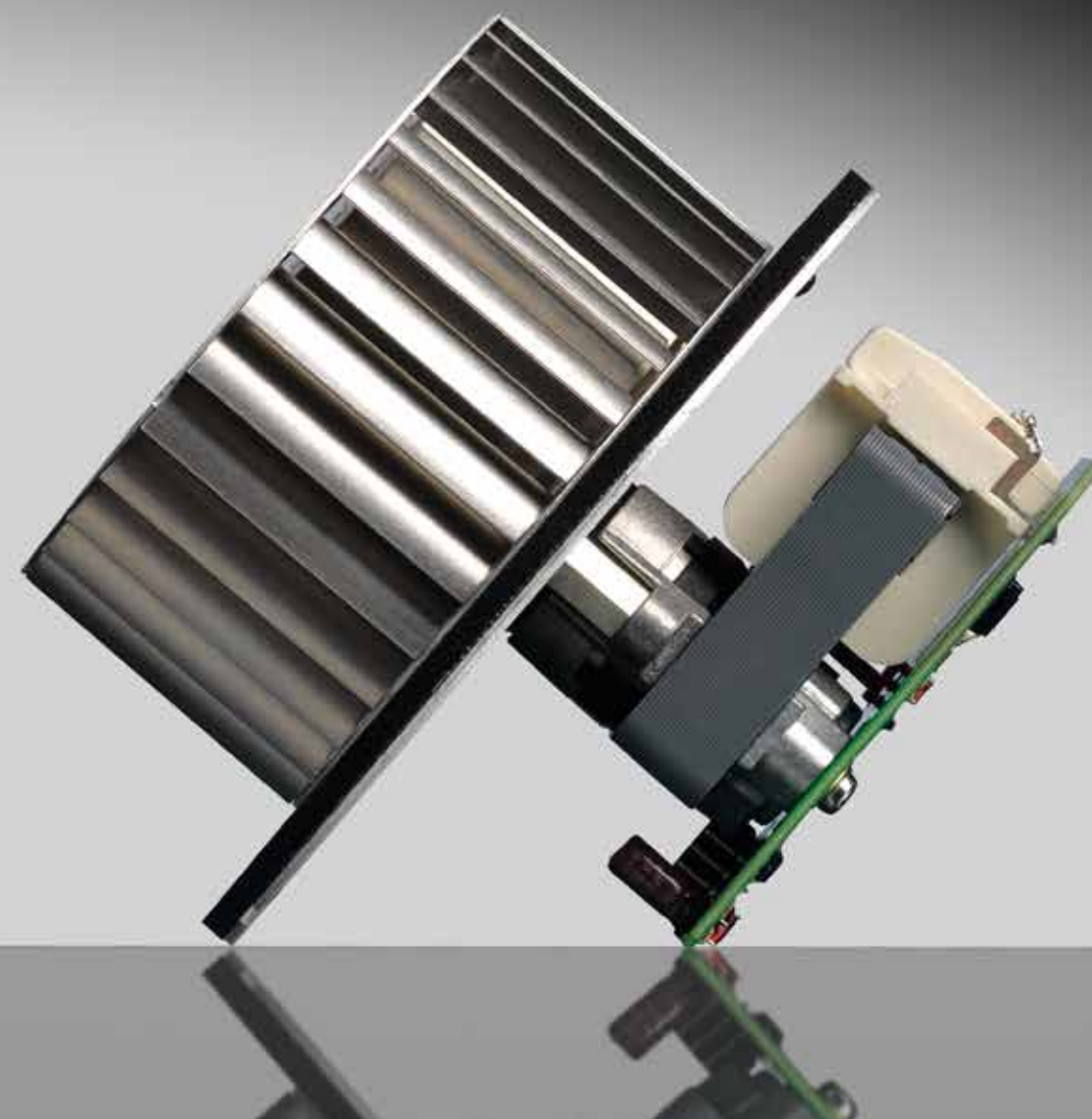


1977

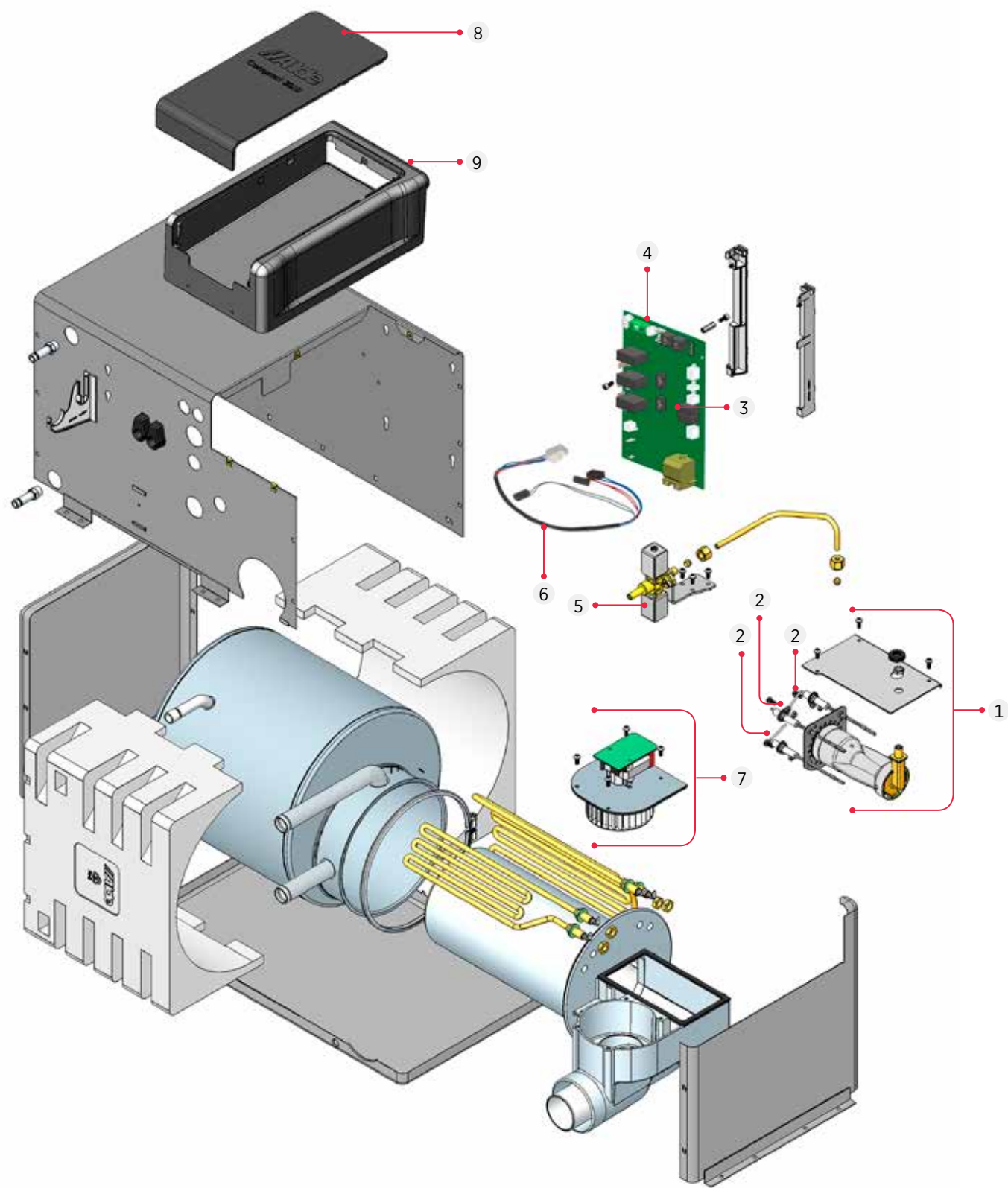
Central heating boiler 2910 Junior. Manufactured from 1977 to 1983. Just like its predecessor 2900, the 2910 is also an all-in-one boiler, but it was a little smaller and had lower power and was therefore suitable for smaller caravans.



Spare parts  
Alde Compact 3020







Boiler rebuild

Replacing a frost, corrosion or accident damaged boiler requires a new boiler body (includes internal heat exchanger).  
Supplied without internal working parts, connections or fittings.  
Only available via Alde Service Care.

Part no. 3020 9099



Burner

Burner, complete with spark plug and sensor.  
Also fits the Compact 3010.

Part no. 3010 301



Ignition set

Ignition set consisting of two spark plugs and sensor.  
Also fits the Compact 3010.

Part no. 3010 306



Circuit board

Circuit board with ignition transformer.

Part no. 3020 040 for model A.  
Part no. 3020 140 for model HE.



Fuse

Fuse 3.15 A for Circuit board.  
Also fits the Compact 3010.

Part no. 3010 339



Solenoid valve

Solenoid valve complete.  
Also fits the Compact 3010.

Part no. 3010 304



Sensors

Sensors for thermostat, overheating protection and domestic hot water.

Part no. 3020 039







7



**Combustion fan**  
Combustion fan, 9 volts.  
Also fits the Compact 3010 and Compact 3000 with roof-mounted flue.  
Part no. 3000 452

8



**Service hatch lid**  
Service hatch lid for Compact 3020.  
Part no. 3020 011

9



**Service hatch**  
Service hatch for Compact 3020.  
Part no. 3020 010



**Front cover**  
Front cover for Control panel.  
Part no. 3010 616 Silver.  
Part no. 3010 618 Black.



**Interference filter**  
EMI filter for discrete room sensors where cable is routed alongside 230 V cables. Fitted onto two paired pins in the control panel.  
Part no. 3020 142



**Boiler emergency starter**  
Is used to force boiler start-up without using the control panel. Adapter cable 3020 035 is connected to the printed circuit board and emergency starter 3010 218 is connected to the adapter cable.  
Part no. 3010 218 Emergency starter.  
Part no. 3020 035 Adapter cable.



**Wall flue cap**  
Cap in different colors for wall flue 3010 170.  
120 pcs/pack.  
Part no. 3000 555 White.  
Part no. 3010 374 Light grey.  
Part no. 3010 373 Medium grey.  
Part no. 3010 371 Dark grey.  
Part no. 3010 372 Black.



**Circulation pump with plug**  
Circulation pump 12 V for installation in the expansion tank 3000 420 and 3000 495. Plug.  
Power consumption 0.2 A.  
Part no. 2928 420



**Inline circulation pump**  
Circulation pump for mounting on Compact 3010 or 3020. Five speed with adjustable dial on motor. Power consumption 12 Volt: 0.25 - 1.6 A. Ø 22 mm connection.  
Part no. 3010 522



**Inline circulation pump - Remote controlled**  
Circulation pump for mounting on Compact 3020. Connected to control panel to allow remote control of pump speed by PWM. Five speeds. Power consumption 12 V: 0.25 - 1.6 A. Ø 22 mm connection.  
Part no. 3020 031





**Automatic air bleed valve**  
Automatic air bleed valve with hose.  
Part no. 1900 542



**Domestic cold water connection**  
Angle 90° for cold water. Fits Compact 3010 from series no. 91459.  
Part no. 3010 475    Ø 10 mm hose connection.  
Part no. 3010 496    Ø 12 mm connection John Guest.

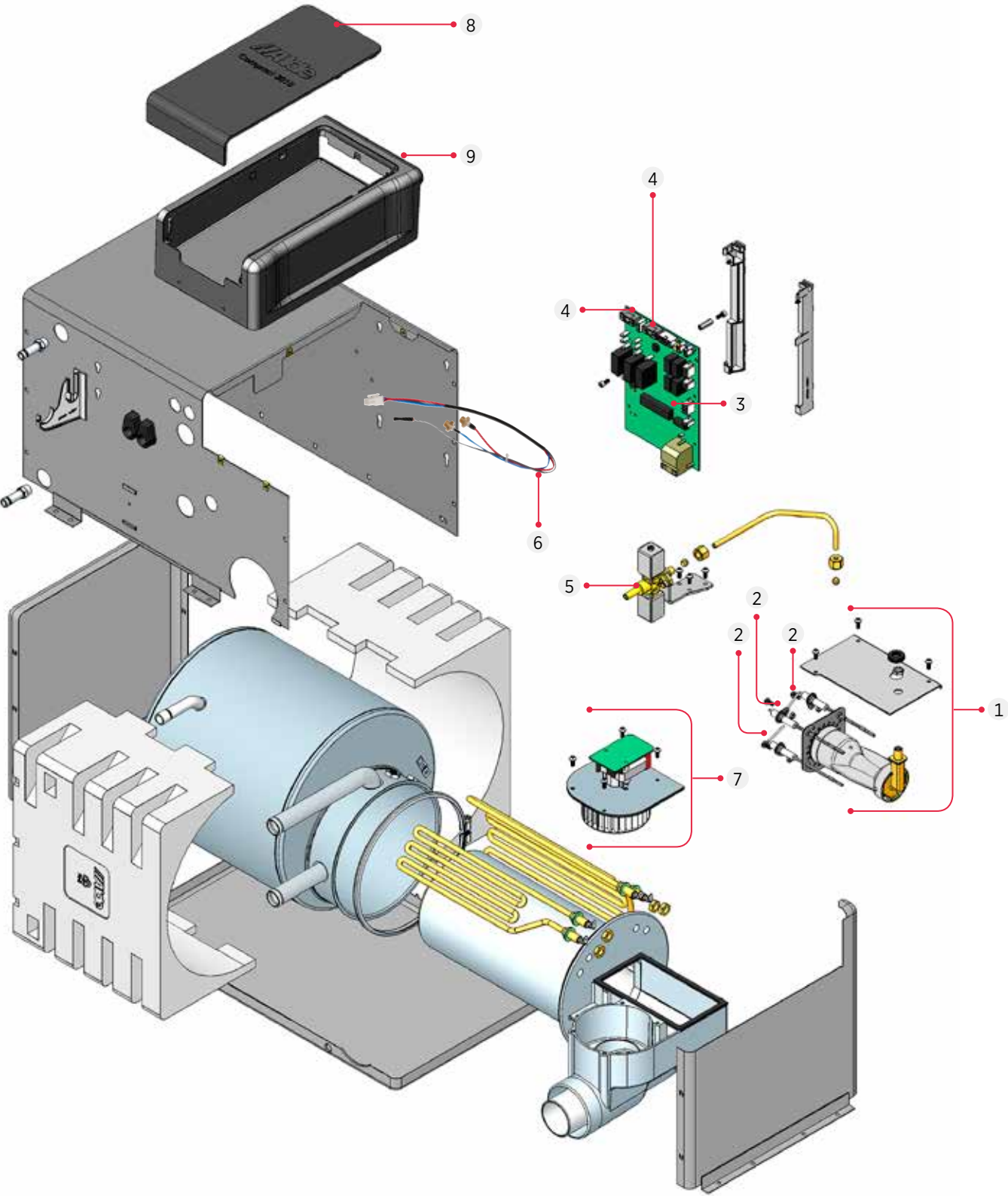


**Domestic hot water connection**  
Angle with built-in non-return valve which allows air in when the heater is drained. For hot water. Incl. 0.5 m hose for air in. Fits Compact 3010 from series no. 91459.  
Part no. 3010 471    Ø 10 mm hose connection.  
Part no. 3010 571    Ø 12 mm connection John Guest.

Spare parts  
Alde Compact 3010



SPARE PARTS  
COMPACT 3010



**Boiler rebuild**

Replacing a frost, corrosion or accident damaged boiler requires a new boiler body (includes internal heat exchanger).  
Supplied without internal working parts, connections or fittings. Only available via Alde Service Care.  
Part no. 3010 9054



**Burner**

Burner complete, including spark plug and sensor.  
Also fits the Compact 3020.  
Part no. 3010 301



**Ignition set**

Ignition set consisting of two spark plugs and sensor.  
Also fits the Compact 3020.  
Part no. 3010 306



**Circuit board**

Circuit board with ignition transformer.  
Part no. 3010 302 for boiler with 2 kW electric element.  
Part no. 3010 303 for boiler with 3 kW electric element.



**Fuse**

Fuse 3.15 A for Circuit board. Also fits the Compact 3020.  
Part no. 3010 339



**Solenoid valve**

Solenoid valve complete. Also fits the Compact 3020.  
Part no. 3010 304



**Sensors**

Sensors for thermostat, overheating protection and domestic hot water.  
Part no. 3010 305



**Combustion fan**

Fan complete 9 V for all models of Compact 3010. Also fits the Compact 3020 and Compact 3000 with roof chimney.  
Part no. 3000 452



**Service hatch lid**

Service hatch lid for Compact 3010.  
Part no. 3010 149



**Service hatch**

Service hatch for Compact 3010.  
Part no. 3010 148







**Cable for programmable control panels**  
Connection cable between boiler and control panels 3010 213 and 613.

Part no. 3010 215	Length 2.5 m.
Part no. 3010 216	Length 5.0 m.
Part no. 3010 217	Length 8.5 m.



**Cable for manual control panel**  
Connection cable between boiler and adaptor lead 3010 281 or 3010 279.

Part no. 3010 267	Length 2.5 m.
Part no. 3010 277	Length 5.0 m.
Part no. 3010 278	Length 8.5 m.



**Adaptor lead for manual control panel**  
Lead to connect control panel 3010 214 to cable 3010 267 / 277 / 278. Includes connection for discrete temperature sensor cable. Length 0.25 m.

Part no. 3010 281



**Adaptor lead for control panel upgrade**  
Lead to connect control panels 3010 213 and 613 to cable 3010 267 / 277 / 278. For upgrading from control panel 3010 214. Length 0.25 m.

Part no. 3010 279



**Lead for 12 V inline circulation pump**  
Lead to connect boiler and 12 V inline circulation pump. Plugs into both JP12 and JP10 socket on PCB. Length 0.2 m.

Part no. 3010 237



**Zonal heating sensors**  
Can be used either with two Discrete sensors or with a Discrete sensor and with the control panel's room sensor. Assembly set with 1 sensor, switch, 12 m cable, junction card and a cable to the switch. For control panel 3010 213 / 413 / 613.

Part no. 3010 435



**Cable for LPG interface**  
For connecting control panels 3010 413 / 613 to comms device 3010 427 and EisEx defroster 3010 428. Length 10 m.

Part no. 3010 419



**Emergency over-ride**  
Is used to override-start the boiler without using the control panel.

Part no. 3010 218



**Control panel - Colour Touch**  
The control panel is compatible with all Alde's Compact 3010 boilers.

Part no. 3010 613



**Control panel - Manual**  
Mechanical control panel with slider switch. The control panel is compatible with all 3010 Compact boilers.

Part no. 3010 214



**Button set**  
Refurbish kit consisting of three slider switches, thermostat knob and spindle. For control panel 3010 214.

Part no. 3000 568



**Control panel - Digital**  
Control panel with LCD and electronic thermostat. The control panel is compatible with all 3010 Compact boilers.

Part no. 3010 213



**Fascia**  
Fascia for Control panel 3010 613.

Part no. 3010 616



**Fascia**  
Fascia for Control panel 3010 213.

Part no. 3010 265



**Assembly frame**  
Used when changing from control panel 3010 213 to 3010 613 in order to cover the existing aperture. Size: 133 x 90 mm.

Part no. 3010 517



**Assembly frame**  
Used when changing from control panel 3010 213 to 3010 214 in order to cover the existing aperture. Size: 133 x 90 mm.

Part no. 3010 261



**Inline circulation pump**  
Circulation pump for mounting on Compact 3010 or 3020.  
Five speed with adjustable dial on motor.  
Power consumption 12 Volt: 0.25 - 1.6 A.  
Ø 22 mm connection.  
Part no. 3010 522



**Inline circulation pump - Remote controlled**  
Circulation pump for mounting on Compact 3010. Connected to control panel to allow remote control of pump speed by PWM.  
Five speed 6-15 L/min. Power consumption 12 V: 0.25 - 1.9 A.  
Ø 22 mm connection.  
Part no. 3010 514    Circulation pump.  
Part no. 3010 515    Cable. L= 13 m.  
Part no. 3010 516    Cable. L= 8.5 m.



**Inline circulation pump**  
Circulation pump 230 V for mounting the heater 3010th Incl. Rubber joint, clamp, bracket and cable set.  
Control 12 V 25 Watt / 230 Volt.  
Part no. 2750 405



**Inline circulation pump - Bracket-mounted**  
Circulation pump 230 V for Compact 3010. Complete with rubber joint, mounting bracket and cable. 12 V control.  
Ø 22 mm connection.  
Part no. 2750 407



**Pump motor 230 V**  
Suitable for circulation pumps with plastic housing. Equipped with circuit board in the cover for 12 V control.  
Incl. impeller and O-ring.  
Part no. 2750 348



**Pump motor 230 V**  
Suitable for circulation pumps with brass housing. Equipped with circuit board in the cover for 12 V control.  
Incl. impeller and O-ring.  
Part no. 2750 349



**Circuit board**  
Circuit board for 230 V circulation pump with 12 V control.  
Part no. 2750 403



**Circulation pump with plug**  
Circulation pump 12 V for installation in the expansion tank 3000 420 and 3000 495. Plug. Power consumption 0.2 A.  
Part no. 2928 420



**Automatic air bleed valve**  
Automatic air bleed valve with hose.  
Part no. 1900 542



**Domestic water connection**  
Angle 90° for cold water. Fits Compact 3010 up to series no. 91458.  
Part no. 3000 470    Ø 10 mm hose connection.  
Part no. 3000 570    Ø 12 mm connection John Guest.



**Domestic cold water connection**  
Angle 90° for cold water. Fits Compact 3010 from series no. 91459.  
Part no. 3010 475    Ø 10 mm hose connection.  
Part no. 3010 496    Ø 12 mm connection John Guest.



**Domestic hot water connection**  
Angle with built-in non-return valve. Fits Compact 3010 up to series no. 91458.  
Part no. 3000 471    Ø 10 mm hose connection.  
Part no. 3000 571    Ø 12 mm connection John Guest.



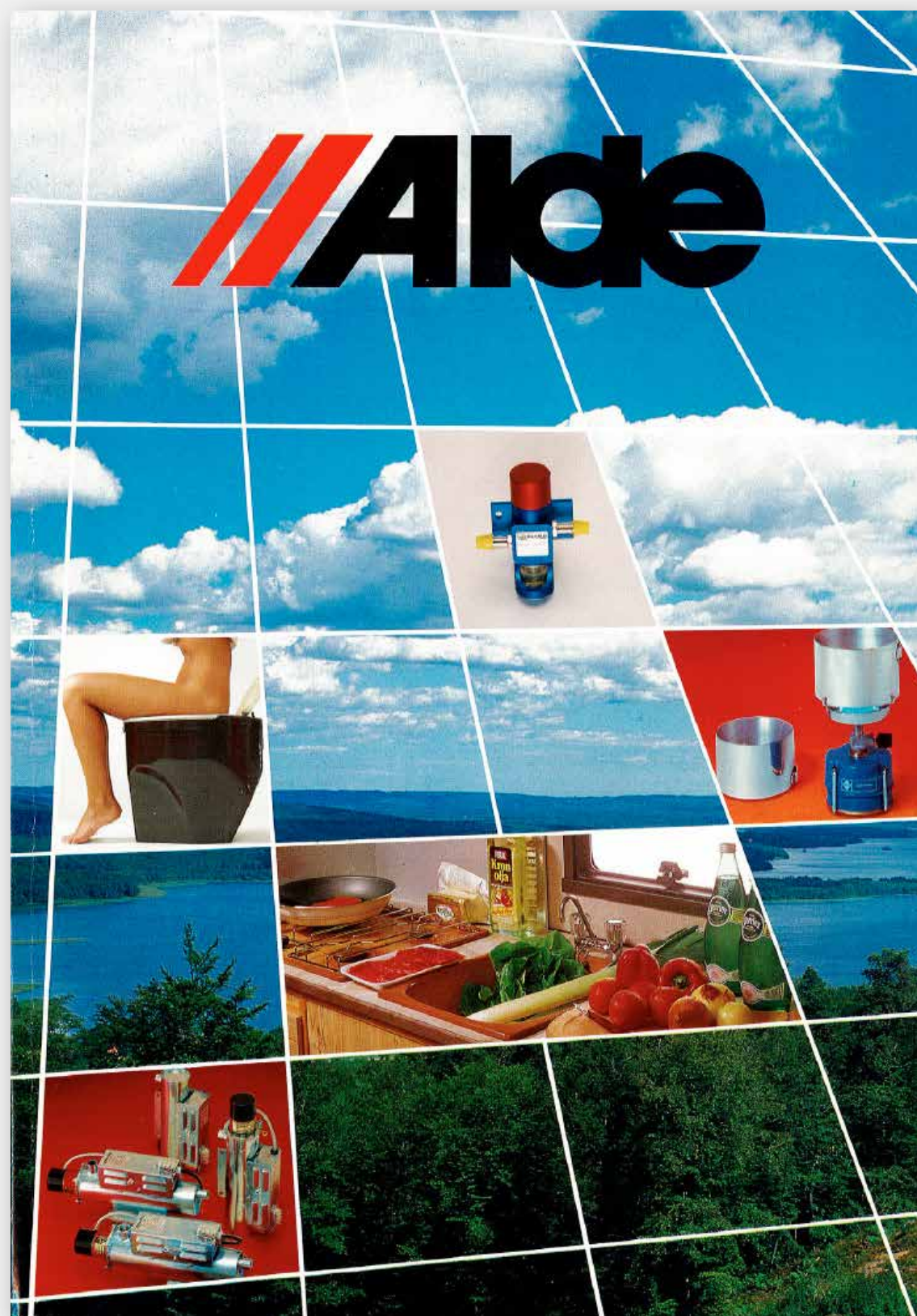
**Domestic hot water connection**  
Angle with built-in non-return valve which allows air in when the heater is drained. For hot water. Incl. 0.5 m hose for air in. Fits Compact 3010 from series no. 91459.  
Part no. 3010 471    Ø 10 mm hose connection.  
Part no. 3010 571    Ø 12 mm connection John Guest.



**Wall flue cap**  
Cap in different colors for wall flue 3010 170.  
120 pcs/pack.  
Part no. 3000 555    White.  
Part no. 3010 374    Light grey.  
Part no. 3010 373    Medium grey.  
Part no. 3010 371    Dark grey.  
Part no. 3010 372    Black.





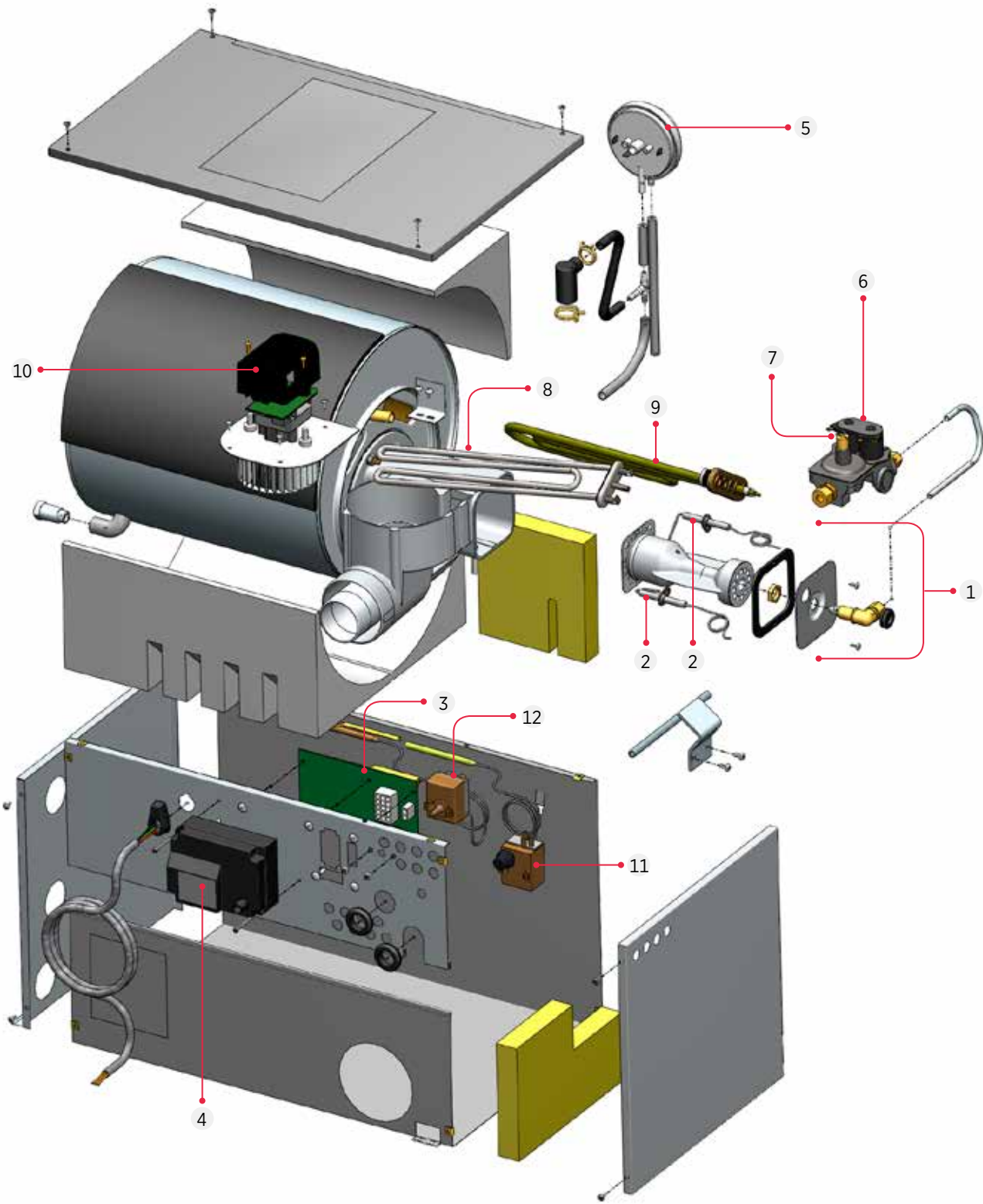


## Spare parts Alde Compact 3000



SPARE PARTS  
COMPACT 3000





**Burner**

Burner complete including throttle plate. (Replaces previous models 3000 385, 3000 408 and 3000 444).

Part no. 3000 516



**Ignition set**

The ignition set consisting of the spark plug, flame sensor and gaskets.

Part no. 3000 407



**PCB**

PCB for boilers.

Part no. 3000 334 for boiler with 2 kW electric element.  
Part no. 3000 333 for boiler with 3 kW electric element



**Ignition module**

Electronic ignition.

Part no. 3000 157



**Pressure switch**

Pressure switch (SIT).

Part no. 3000 127



**Solenoid valve**

Solenoid valve complete.

Part no. 3000 289



**Soft-start valve**

Soft-start for the solenoid valve.

Part no. 3000 168





**Element 230 V**  
Elements of 1 kW (1050 W) power.  
Part no. 3000 256



**Element 230 V**  
Elements of 2 kW (1050+1050 W) power.  
Part no. 3000 250



**Element 230 V**  
Elements of 3 kW (1050+2100 W) power.  
Part no. 3000 315



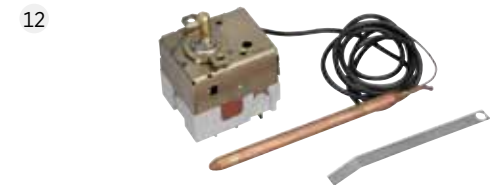
**Combustion fan**  
Combustion fan. 9 volt model 3000 94xxx (wall mounted chimney).  
Part no. 3000 409



**Combustion fan**  
Combustion fan. 9 volt model 3000 92xx - 93xx (roof mounted chimney). Also fits 3010 Compact and Compact 3020th.  
Part no. 3000 452



**Overheating protection**  
Overheating protection device complete.  
Part no. 3000 362



**Operating stat**  
Operating stat complete.  
Part no. 3000 365



**Control panel**  
Mechanical control panel with slider switches. Prioritises electric heating.  
Part no. 3000 565     prioritizing the electric heater.



**Button set**  
Refurbish kit consisting of three slider switches, thermostat knob and spindle. For control panel 3000 465 and 3000 565.  
Part no. 3000 568



**Discrete sensor**  
Discrete room temperature sensors for the control panel.  
Part no. 3000 464     for control panel 3000 465.  
Part no. 3000 566     for control panel 3000 565.



**Circulation pump with plug**  
Circulation pump 12 V for installation in the expansion tank 3000 420 and 3000 495. Plug. Power consumption 0.2 A.  
Part no. 2928 420



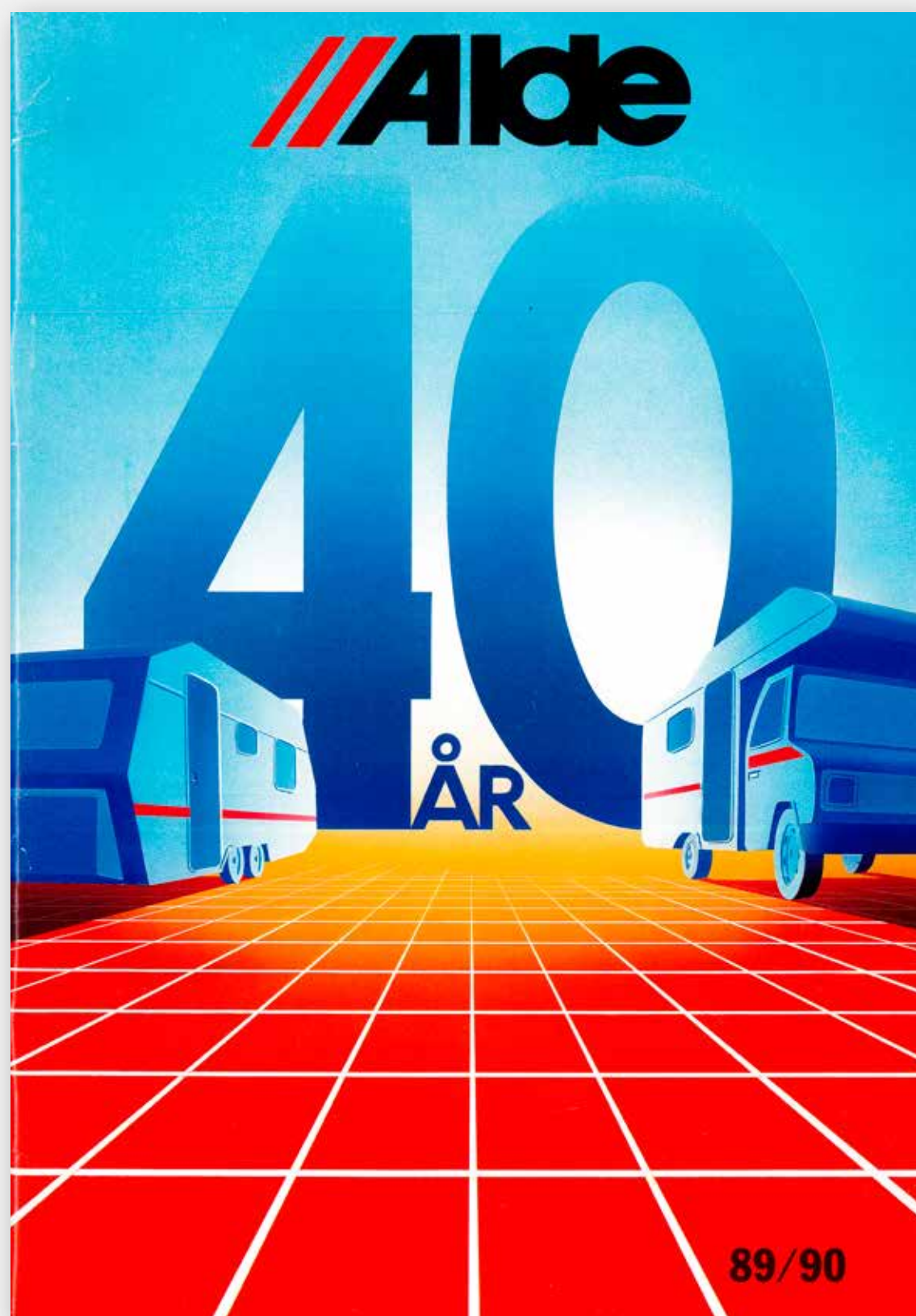
**Domestic water connection**  
Angle 90° for cold water.  
Part no. 3000 470     Ø 10 mm hose connection.  
Part no. 3000 570     Ø 12 mm connection John Guest.



**Domestic hot water connection**  
Angle with built-in non-return valve.  
Part no. 3000 471     Ø 10 mm hose connection.  
Part no. 3000 571     Ø 12 mm connection John Guest.







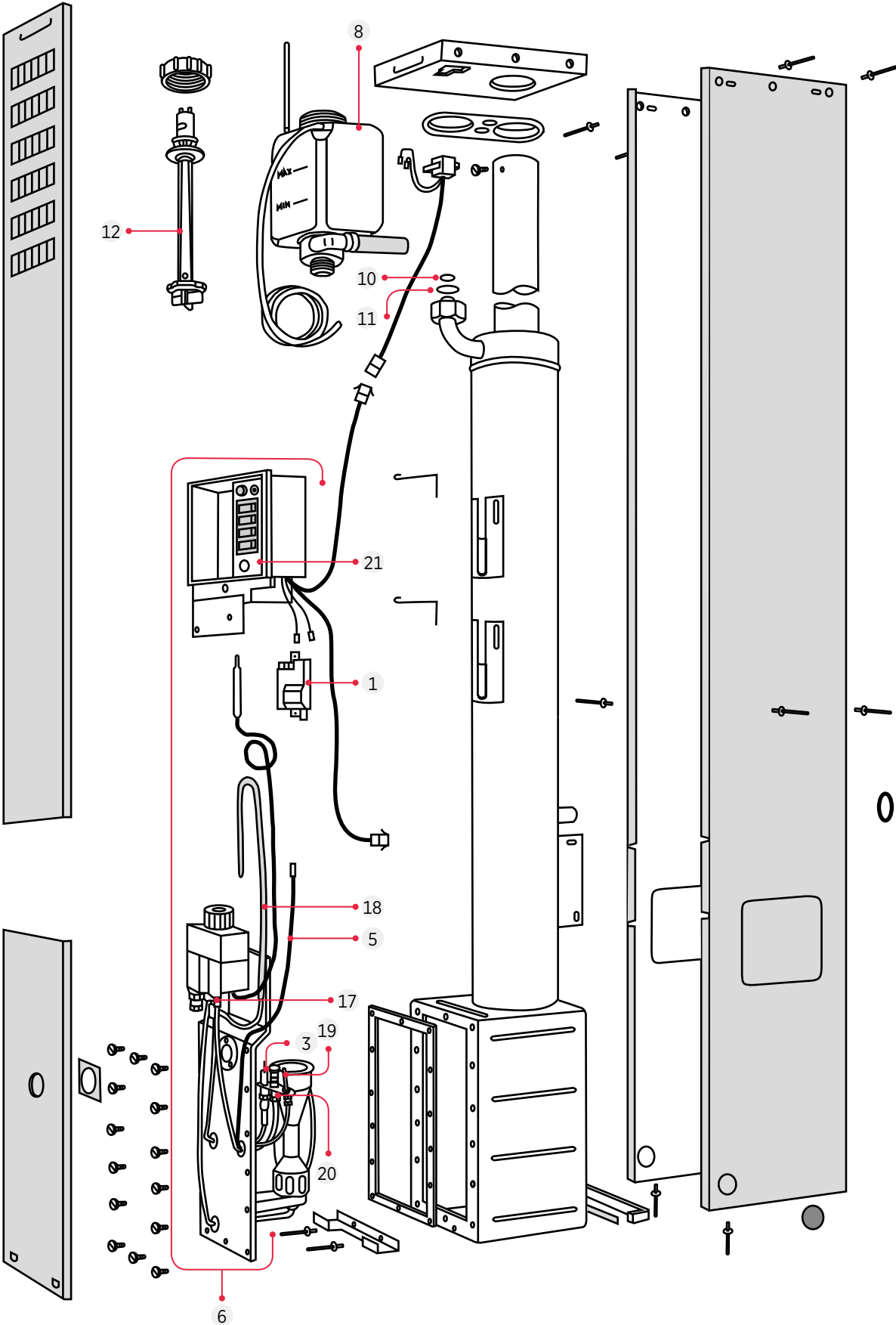
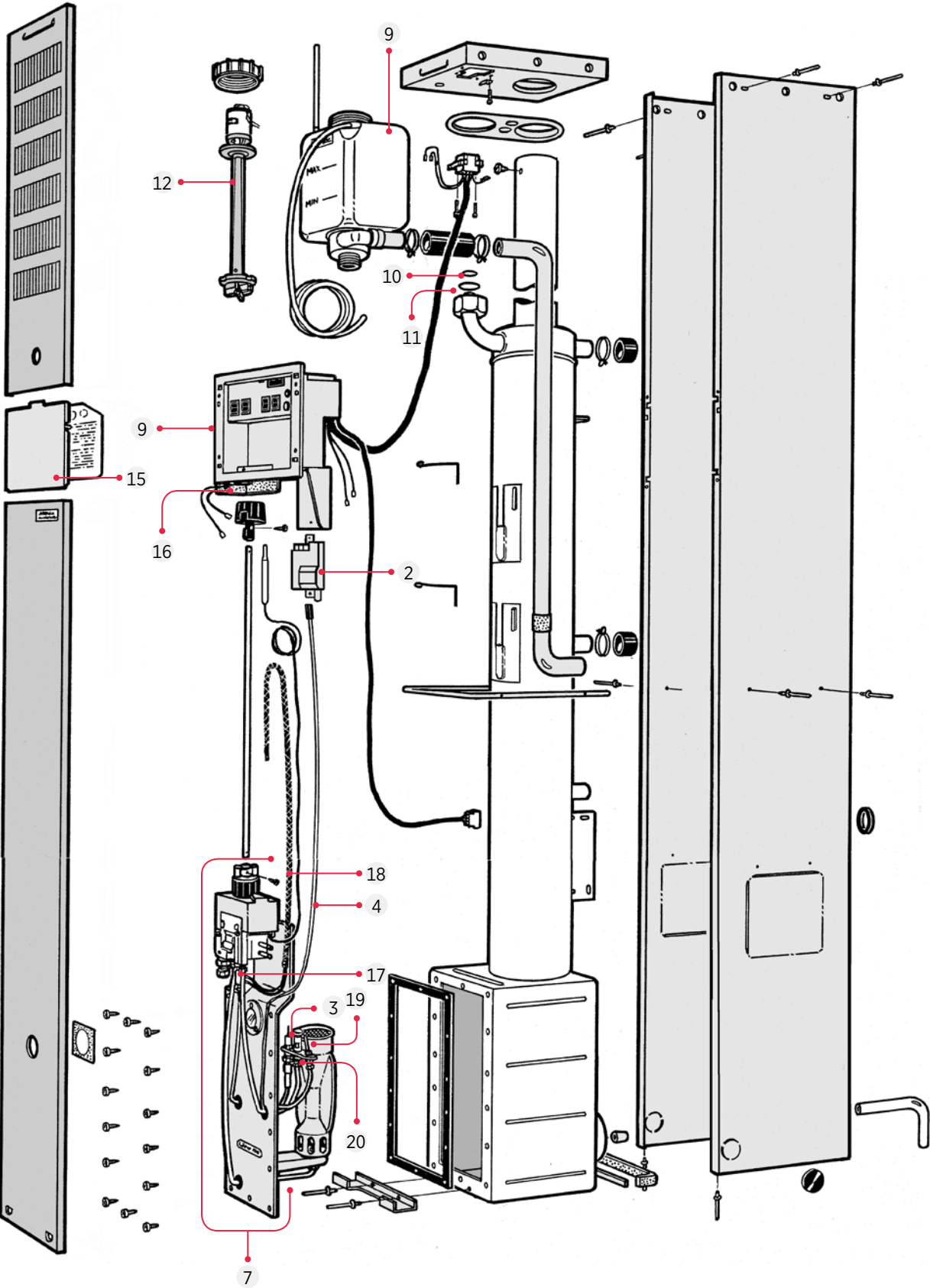
1989  
Anniversary catalogue, 40 years since Alde was founded.



## Spare parts Alde Comfort 292x









Internal Heat Exchanger

Mild steel internal heat exchanger for Alde Comfort boilers with balanced flue. Features ducts and bracket for mounting  
part no. 2959 901 and part no. 2772 921. Made to order.  
Part no. 2928 203



Burner unit

Burner unit for Comfort 2920.  
Part no. 2920 264 30 mbar.  
Part no. 2920 267 50 mbar.



Burner unit

Burner unit for Comfort 2923 980 and 2928 980 also  
Comfort 2921 and 2925.  
Part no. 2923 400 30 mbar.



Burner unit

Burner unit for Comfort 2923 and 2928.  
Is supplied without ignition cable and igniter.  
Part no. 2923 500 30 mbar.  
Part no. 2928 300 50 mbar.

























1		<b>Ignition transformer</b> Ignition transformer for Comfort 2921 and 2925. Part no. 2921 216
2		<b>Ignition transformer</b> Ignition transformer for Comfort 2923 and 2928. Part no. 2923 225
		<b>Piezo igniter</b> Piezo igniter for Comfort 2920. Part no. 2920 266
3		<b>Spark electrode</b> Spark electrode. For all Comfort boilers. Part no. 2923 207
4		<b>Ignition cable</b> Ignition cable for 2923 / 2928 (not model 980). Length 1050 mm. Part no. 2923 208
5		<b>Ignition cable</b> Ignition cable for 2920, 2921, 2925 and also for 2923 980 and 2928 980. Length 440 mm. Part no. 2923 417
14		<b>Control box</b> Control box for Comfort 2923 and 2928. (not for model 980). Part no. 2923 112
15		<b>Hatch</b> Hatch for 2923 and 2928 (not for model 980). Part no. 2923 111
16		<b>Circuit breaker</b> Circuit breaker that replaces the micro-switch for Comfort 2923 and 2928 (not model 980). A new hole must be drilled in the bottom of the control box. Part no. 2923 120









<b>Joint plug</b> Joint plug between overheating protection and gas valve. For all Comfort boilers. Part no. 2900 271		17
<b>Overheating protection</b> Overheating protection. For all Comfort boilers. Part no. 2920 230		18
<b>Thermo-element</b> Thermo-element. For all Comfort boilers, except 2930. Part no. 2920 245		19
<b>Pilot burner</b> Pilot burner. For all Comfort boilers. Part no. 2923 201		20
<b>Indicator instrument</b> Indicator instrument for 2920 / 2921 and 2925. Part no. 2930 117		21
<b>Expansion tank</b> Expansion tank with long connecting pipe. For Comfort boilers with water heater of throughput type (model 2957). Part no. 2930 410		8
<b>Expansion tank</b> Expansion tank with short connecting pipe. For Comfort boilers with water heater of storage type (model. 2959). Part no. 2930 413		9
<b>O-Ring</b> O-ring for expansion tank (is always replaced at the same time as the expansion tank). Part no. 2930 131 18.77 × 1.78 mm. Part no. 2930 132 19.2 × 3.0 mm.		10 11
<b>Circulation pump</b> Circulation pump with screw plinth. Suitable for Comfort boilers with larger heating systems. Part no. 2928 433		12

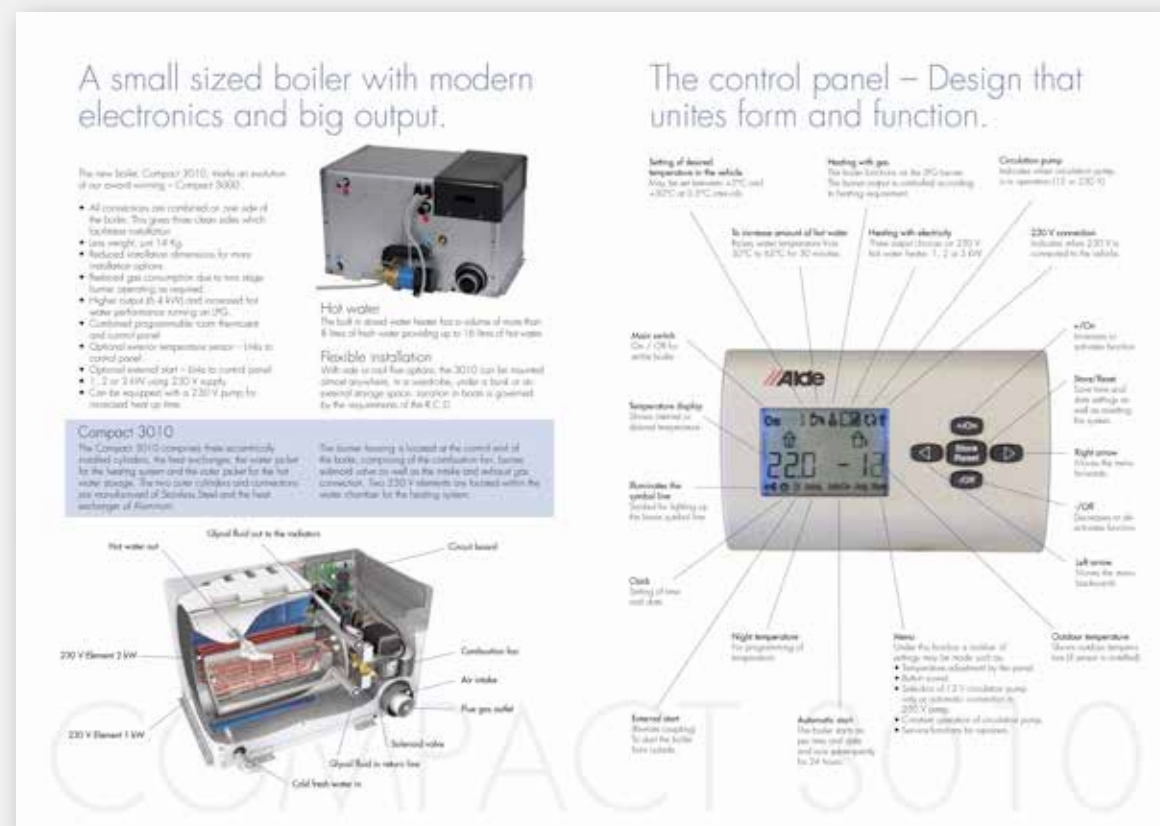


	<p><b>Flue cap</b></p> <p>Flue cap for mounting on flue pipe 2960 561.</p> <p>Part no. 2960 516</p>
	<p><b>Flue pipe</b></p> <p>Flue pipe with three bendable tongues for the flue cap 2960 516. Is mounted on the extension pipe. Length 110 mm.</p> <p>Part no. 2960 561</p>
	<p><b>Extension pipe</b></p> <p>Is mounted between the boiler and the flue pipe on 2923, and between the boiler and the flue on 2928. Can also use as a extension on the inlet pipe on Comfort 2923.</p> <p>Part no. 2900 549</p>
	<p><b>Assembly set</b></p> <p>Assembly set for roof duct.</p> <p>Part no. 2960 520</p>
	<p><b>Roof duct</b></p> <p>Roof duct for extension pipe.</p> <p>Part no. 2960 522      Height 26 - 30 mm. Part no. 2960 524      Height 36 - 40 mm.</p>
	<p><b>Inlet funnel</b></p> <p>Inlet funnel for combustion air for 2923. Is attached to the inlet pipe under the boiler.</p> <p>Part no. 2923 551</p>
	<p><b>Inlet hose</b></p> <p>Inlet hose for 2928. L = 2300 mm. Ø 65 mm.</p> <p>Part no. 2924 531</p>
	<p><b>Hose clip</b></p> <p>Hose clip for inlet hose 2924 531.</p> <p>Part no. 3000 314</p>
	<p><b>Flue terminal</b></p> <p>Flue with balanced draught for Comfort 2928.</p> <p>Part no. 2928 510</p> <p>Connection piece for inlet hose on flue. Is fastened to the flue.</p> <p>Part no. 2928 512</p> <p><i>Not approved for UK market.</i></p>



<p><b>Socket panel</b></p> <p>Socket panel for 12 V power connection on the boiler.</p> <p>Part no. 2922 249</p>	
<p><b>Flat pin connectors</b></p> <p>Flat pin connectors for the socket panel.</p> <p>Part no. 2922 260</p>	
<p><b>Room thermostat</b></p> <p>Room thermostat 12 V for Comfort boilers.</p> <p>Part no. 2900 560</p>	
<p><b>Hot water heater</b></p> <p>Hot water heater of storage type with fresh water cistern in stainless steel. The entire heater is insulated for maximum heat retention.</p> <p>Suitable for Comfort boilers 2923 and 2928, which have four connecting pipes on the back of the boiler.</p> <p>Part no. 2959 901</p>	
<p><b>Assembly set for 2959</b></p> <p>Assembly set for hot water heater type 2959 for installation behind the Comfort boiler.</p> <p>Part no. 2959 806</p>	
<p><b>Cable gland</b></p> <p>Cable gland. Sealed on the control axle for hot water heater 2957.</p> <p>Part no. 2950 004</p>	





**1993**  
Alde Compact 3000 - the first combi boiler with heating fuelled by both LPG and electricity, as well as hot water in the same unit - was launched in 1993.

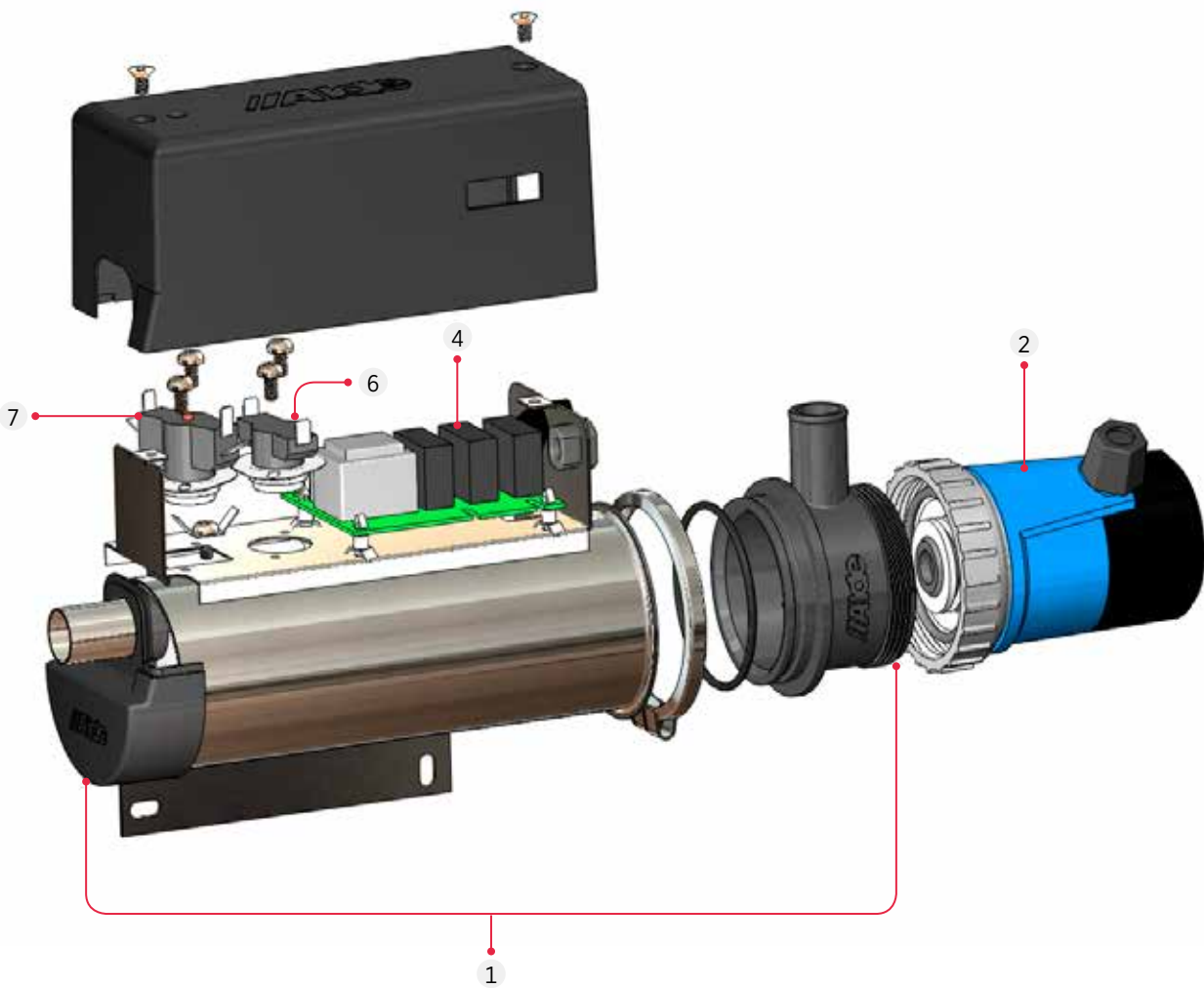
**2006**  
Alde Compact 3010 takes over - a further development of our best-selling Compact 3000.



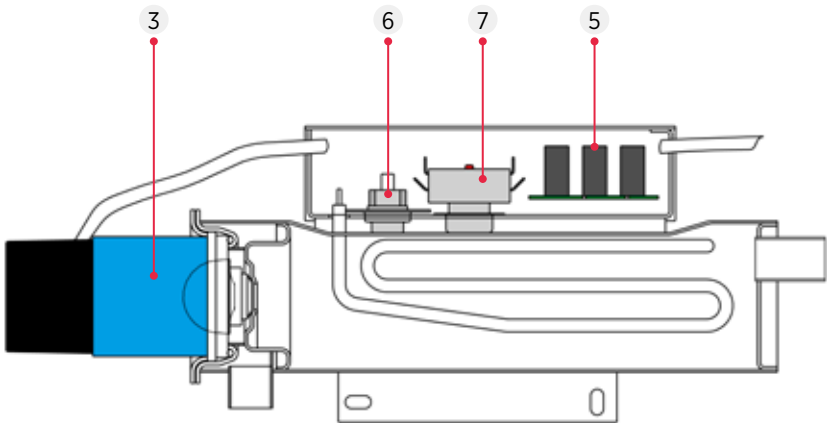
## Spare parts Electric heater



Modell 2772



Modell 2762



Tube

Tube with element for 2772.  
Part no. 2772 237



Circulation pump 230 V

Circulation pump complete with O-ring for electric heater 2772.  
Part no. 2772 261



Circulation pump 230 V

Circulation pump complete with O-ring for electric heater 2762 and 2763.  
Part no. 2762 260



Circuit board

Circuit board for electric heater 2772.  
Part no. 2772 160



Circuit board

Circuit board for electric heater 2762 with quick connection.  
Part no. 2762 160



Thermostat

Operational thermostat 80 °C. For all electrical heaters model 2737, 2762, 2763 och 2772.  
Part no. 2737 176



Overheating protection

Overheating protection 110 °C. Fits all models of 2737, 2762 and 2763 with the reset button on the top and 2772.  
Part no. 2737 186



Room thermostat 12 V

Room thermostat for electric heater 2772 901.  
Part no. 2772 310





**Electric heater**

Electrical heating cartridge in stainless steel without circulation pump. For mounting on Alde's Comfort boiler. Control via the Comfort boiler's panel. Comes with CEE 7/7 European plug.

Part no. 2772 911



**Electric heater**

Electrical heating cartridge in stainless steel with 230 V circulation pump. For mounting on Alde's Comfort boiler. Control via the Comfort boiler's panel. Comes with CEE 7/7 European plug.

Part no. 2772 921



**1999**  
Anniversary catalogue, 50 years since Alde was founded.





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