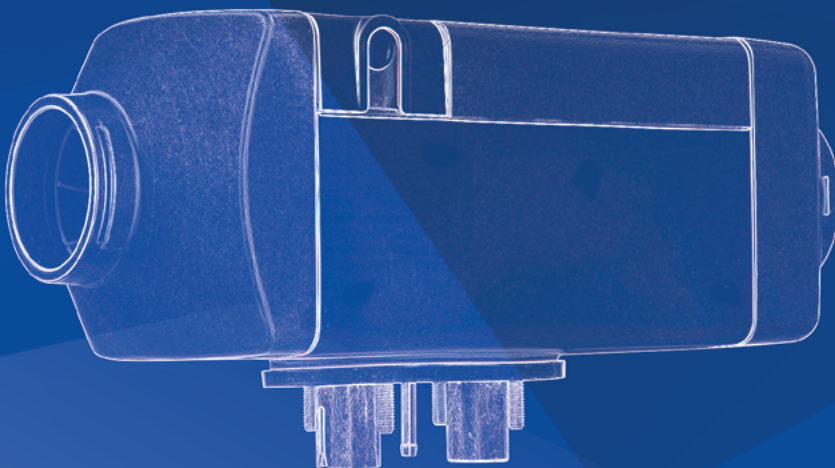


Product Catalog Heating Solutions

For cars, trucks, light-duty vehicles, buses,
off-highway and specialty vehicles





Dear customers, dear Webasto partners,

With this product catalog, Webasto offers you a comprehensive overview of the latest products for heating. This ensures you are perfectly equipped for your work with our heating solutions. The catalog is intended to help you prepare quotations quickly and easily, and to put you in a position to give professional advice at any time.

Furthermore, it gives you an overview of the special Webasto services for individual system solutions that you can expect from us as your business partner. Take up these offers and contact us at any time - we will be happy to assist you!

We wish you great success with our products,

Your Webasto team



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Air heaters

Water heaters

Accessories

Webasto network

**Expect comprehensive support from Webasto in all areas.
Before, during and after the installation of your Webasto solution!**



Our service partners actively support you in your day-to-day business – worldwide. Whether with effective training measures on new products or with practical tips and tools to make your work easier. This unique service network helps not only to fulfil the Webasto quality promise around the globe, but also supports you in your sales efforts. You can rely on the consistently high quality of products from Webasto: All our solutions meet the highest international quality standards and offer the latest technology.

A further benefit for you: We are never far away and can therefore identify ourselves with your needs on the spot and take your suggestions into consideration in the further development of our products and services.

Our very comprehensive product portfolio includes also heating, cooling and air-conditioning solutions for vehicles, boats, motorhomes and caravans and allows you to access perfect solutions for your thermal management.

Please feel free to contact us for a specific catalog.

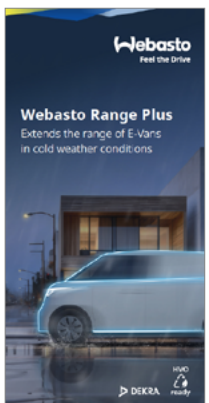
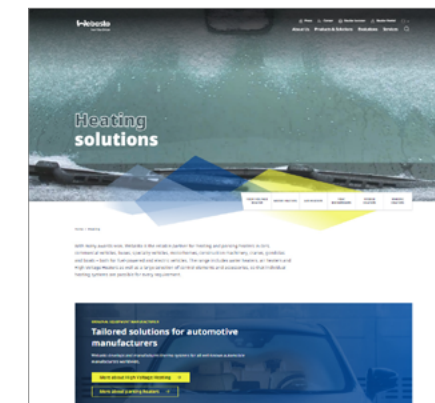
Webasto services

Engineering services

Apart from a wide range of standard products, we offer you individually optimized system solutions. Whether installation position, operating temperature, operation at high altitudes, interface connection or the installation situation in the vehicle: we can work out an optimum solution for all your requirements. In this context, you can rely on our many years of experience in original equipment and the aftermarket. You profit from our high process and quality level, and our know-how in system integration, mechatronics and software development.

The development process of a customized system solution:

- Underfloor or onboard installation possible
- Identification of the existing boundary conditions and requirements
- Calculation of the necessary heating or cooling capacity
- Elaboration of an application solution or complete development of an individual system
- Proof of the customer's specific requirements
- System or application acceptance in the customer's works



Technical services

From the various parts of your application to extensive series of tests, Webasto offers you everything to ensure your solution functions perfectly. Our service is also at your disposal after installation for maintenance and spare parts.

- Efficient spare part management
- Secure login to the dealer portal (e.g. product documentation, installation instructions)
- Professional quality management
- Broad spectrum of test possibilities (e.g. climatic chamber, acoustic chamber, environmental tests)
- Technical support / online training

Marketing services

We ensure our global brand awareness and image branding through a wide range of measures.

- High-quality, target group-specific marketing tools for all media
- Support for our partners on customized marketing measures
- Advertising and mailing templates for customer activation and customer loyalty
- Point-of-sale marketing materials
- Product-specific selling argument lists
- Professional participation in trade fairs
- Broad array of sponsoring activities

Webasto product portfolio

Our solutions for air conditioning systems and innovative energy solutions

Our very comprehensive product portfolio includes heating and air conditioning systems, thermal management and battery systems for electrical vehicles.

Webasto air conditioning systems

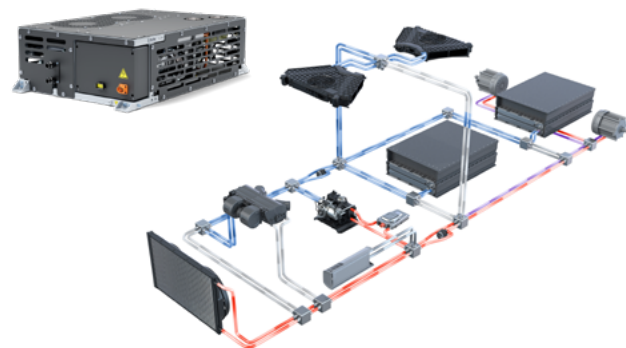


Integrated air conditioning units

Roof air conditioning units

Transport refrigeration units

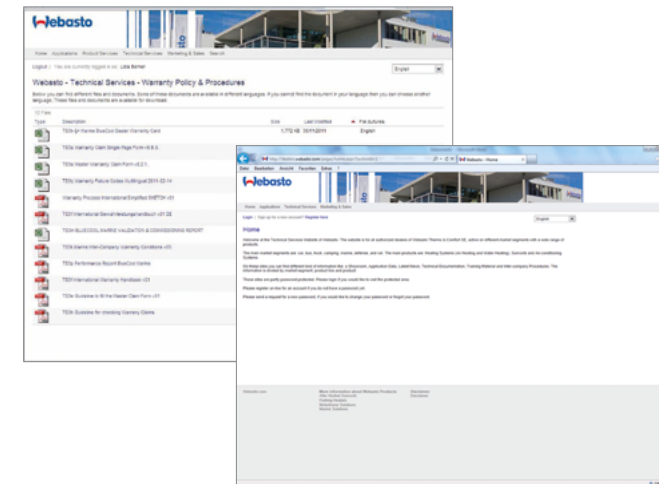
Webasto energy solutions



Thermal management



Battery solutions



Dealer portal:
<http://dealers.webasto.com>

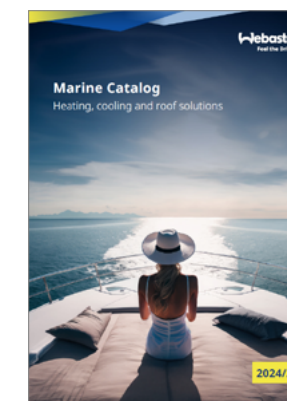
- Easy access to complete Webasto documentation
- Powerful search and download tools
- Login-protected access to complete technical data and applications
- Periodical product information to keep you updated on evolving product developments



Webasto Service app (for installation)

to download this app
> scan the QR code on the left or
> go to <https://apps.apple.com> (Apple App store) or <https://play.google.com> (Google Play Store) as appropriate.
To use the Webasto Service app and access the online Webasto technical documentation, scan the QR code or the barcode on your Webasto product box.

Webasto also offers heating and air-conditioning solutions for recreational vehicles and boats. Please ask for our separate product catalogs.



RV and Marine product catalog

- Main products
- Scopes of delivery
- Application concepts
- Specific accessories



Market segments heating solutions

Webasto develops innovative heating solutions for the following markets



Cars



Trucks



Light-duty



Buses



Off-highway



Specialty vehicles

Cars

The right water heater for each vehicle class

No matter whether for compact, mid-size or luxury cars: Webasto offers heating solutions for every class that impress with stable heating performance and reliable, efficient operation.

eThermo Top Eco is an electrically operated water heater that can heat up the vehicle interior and /or engine. The eThermo Top Eco appeals to new groups of customers: garage and carport owners, short-distance drivers as well as environmentally aware motorists. The heater is operated via an electric cable connected to a 230 V power outlet. Thanks to the integrated trickle charge function for 12 V batteries, the car battery is charged during operation.

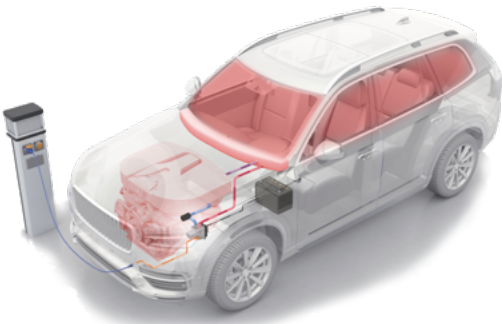
The latest generation of parking heaters, Thermo Top Evo, is specially developed for new car models and those with limited installation space. With different heating classes, the Thermo Top Evo offers the perfect heating solution for every car size. The most powerful heater in its class, the Thermo Top Evo 5+, easily heats vehicles with particularly large interiors and offers even faster and more efficient heating.

Benefits of the Webasto solutions for cars:

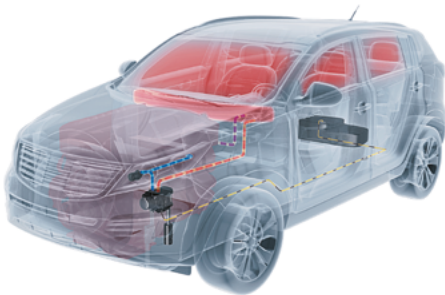
- Extremely small, space-saving design
- The lightest heater in its class
- Efficient and stable heating capacity
- Thermo Top Evo has low fuel consumption and minimized emissions during operation
- eThermo Top Eco has no emissions in operation
- Heat up vehicle interior and/or engine
- Thermo Top Evo can be combined with various control elements
- Installation kits for the most common vehicle models

Heating solution	Heating capacity (kW)
Water heaters	
eThermo Top Eco*	3.0
Thermo Top Evo 4/5/5+*	4.0 – 5.0

* Webasto also offers vehicle specific installation kits.
For further information visit the Webasto dealer portal.
<https://dealers.webasto.com>



Electrically operated water heater



Fuel operated water heater





Trucks

A pleasant cabin climate at all times – independant of the engine

Engine idling is not only costly in the longer term, it is actually forbidden in many countries. Our Webasto non-idling solutions bring the cabin to a pleasant temperature – fully independently of the engine. That reduces fuel consumption and – as a positive side-effect – also the emission of pollutants. This comfort benefits the driver, too, both while driving and during his breaks.

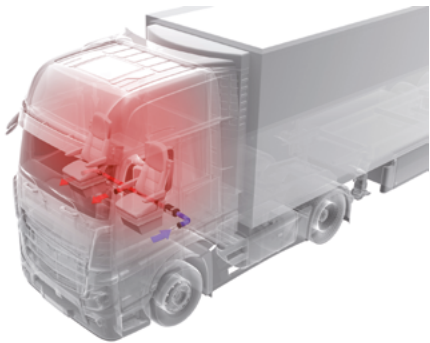
An idling truck engine consumes on average three liters of fuel per hour. Added to that is the increased wear on the engine and other components. The reliable heating solutions and air-conditioning systems from Webasto ensure comfortable temperatures without incurring these costs.

For detailed information of available air-conditioning systems please see the dedicated Webasto cooling catalog.

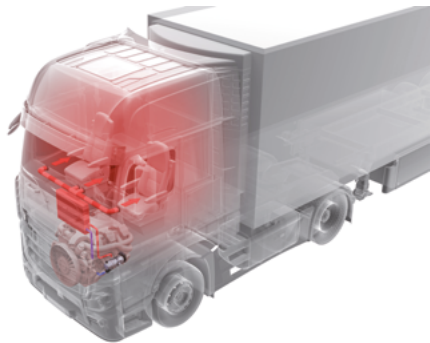
Benefits of the Webasto solutions for trucks:

- No unnecessary running of the engine in idle
- Reduced fuel costs
- Optimized cabin temperature at all times without the engine running
- Efficient use of the residual engine heat

Heating solution	Heating capacity (kW)
Air heaters	
Air Top 2000 STC	2.0
Air Top Evo 40 / 55	4.0 – 5.5
Water heaters	
Thermo Top Pro 50	5.0
Thermo Pro 90	9.1
Thermo Top Pro 120 / 150	12.0 – 15.0
Thermo E+ 200 / 320	20.0 – 32.0
Thermo plus 230 / 300 / 350	23.0 – 35.0



Air heater



Water heater

Light-duty vehicles

Reliable climate for your business

Light-duty vehicles have to transport goods and people safely to their destination. Reliable and efficient heating, air-conditioning and transport refrigeration systems play a central role here. Webasto offers a wide range of powerful heating, air-conditioning and refrigeration solutions to meet every specialized transport demand. Whether temperature-sensitive medicines or other perishable goods have to be transported – we have a tailor-made solution available for every vehicle type and form of use.

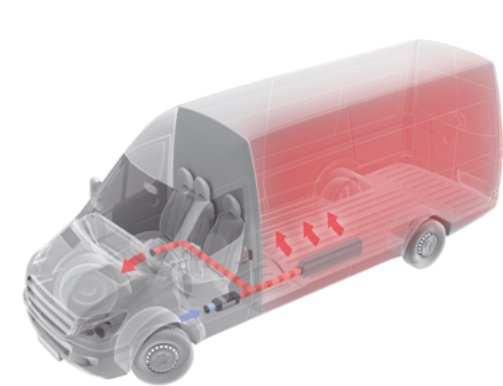
For detailed information of available air-conditioning and refrigeration systems please see the dedicated Webasto cooling catalog.

Benefits of the Webasto solutions for light-duty vehicles:

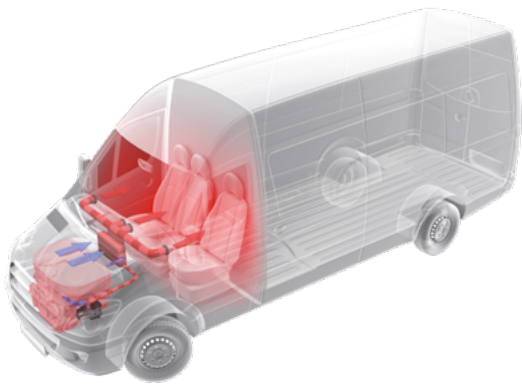
- Engine and environment-friendly pre-heating and heating
- Installation kits for a wide variety of vehicles available
- Reduction in operating costs thanks to fuel

Heating solution	Heating capacity (kW)
Air heaters	
Air Top 2000 STC*	2.0
Air Top Evo 40 / 55*	4.0 – 5.5
Water heaters	
Thermo Top Evo 4 / 5 / 5+*	4.0 – 5.0
Thermo Top Pro 50*	5.0
Thermo Pro 90*	9.1

* Webasto also offers vehicle specific installation kits.
For further information visit the Webasto dealer portal.
<https://dealers.webasto.com>



Air heater



Water heater





Buses

Reliable climate comfort for a safe journey

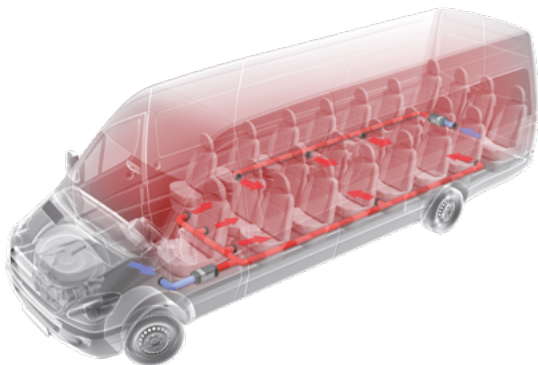
To guarantee a safe journey even in challenging climate conditions, buses must be ready for operation right from the start. For this purpose, Webasto can rely on a broad product portfolio ranging from standard auxiliary heaters to complete and customized climate solutions, via air-conditioning systems as well as a wide range of accessories. With this range, we can equip buses of all sizes and offer customized climate solutions for any application.

For detailed information of available air-conditioning systems please see the dedicated Webasto cooling catalog.

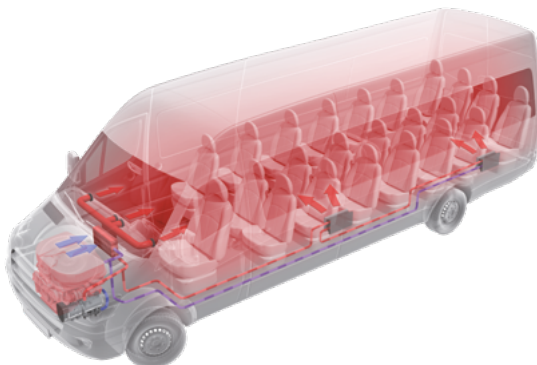
Benefits of the Webasto solutions for buses:

- Comfort for drivers and passengers in all climate conditions
- High-quality, extremely reliable components
- Meet the most stringent environmental standards
- Innovative technologies guaranteeing the highest quality and efficiency
- Reliable and certified safety
- Customized to your needs

Heating solution	Heating capacity (kW)
Air heaters	
Air Top 2000 STC	2.0
Air Top Evo 40 / 55	4.0 – 5.5
Water heaters	
Thermo Pro 90	9.1
Thermo Top Pro 120 / 150	12.0 – 15.0
Thermo E+ 200 / 320	20.0 – 32.0
Thermo plus 230 / 300 / 350	23.0 – 35.0



Air heater



Water heater

Off-highway

Do your job more efficiently

Irrespective of the climatic situation, off-highway machines have to be sturdy and ready for operation at any time. Not only the vehicles, but also the operators are subjected to extreme working conditions.

In order to meet the high demands on man and machine, Webasto has developed intelligent heating and air-conditioning solutions. These systems combine comfort and efficiency – and save fuel. For example, the parking heaters with the new engine-off technology that avoids unnecessary engine running at standstill.

For detailed information on air-conditioning systems please see the dedicated Webasto cooling catalog.

Benefits of the Webasto solutions for agricultural and off-highway machines:

- Fuel saving thanks to reduced engine idling
- Reduced operating hours of the engines
- Safe working conditions in all climate conditions
- Comfortable climate for the operator

Heating/solution	Heating/capacity (kW)
Air heaters	
Air Top 2000 STC	2.0
Air Top Evo 40 / 55	4.0 – 5.5
Water heaters	
Thermo Top Evo 4 / 5 / 5+	4.0 – 5.0
Thermo Top Pro 50	5.0
Thermo Pro 90	9.1
Thermo Top Pro 120/150	12.0 – 15.0



Air heater



Water heater





Specialty vehicles

Including fire trucks, ambulances, security vehicles, vocational work trucks

Perfect environmental conditions – when every second counts

In rescue service, disaster control or firefighting you need to be focused from the very beginning on your operation.

With the Webasto parking heaters and air-conditioning systems, specialty vehicles are ideally tempered which increase the safety, comfort and staying power for driver and crew. Parking heaters ensure de-iced and de-fogged windows even before the start of your special operation and offer a comfortable temperature within the vehicle. Thanks to the engine preheating, they also reduce wear and fuel costs.

For detailed information of available air-conditioning systems please see the dedicated Webasto cooling catalog.

Benefits of the Webasto solutions for specialty vehicles:

- Ideal climate conditions for drivers, crew and passengers
- De-iced and de-fogged windows at all times
- Wide product portfolio available to find the ideal solution for your demand
- High quality and reliability for the most challenging missions

Heating solution	Heating capacity (kW)
Air heaters	
Air Top 2000 STC	2.0
Air Top Evo 40 / 55	4.0 – 5.5
Water heaters	
Thermo Top Evo 4 / 5 / 5+	4.0 – 5.0
Thermo Top Pro 50	5.0
Thermo Pro 90	9.1
Thermo Top Pro 120 / 150	12.0 – 15.0
Thermo E+ 200 / 320	20.0 – 32.0
Thermo plus 230 / 300 / 350	23.0 – 35.0

As a worldwide leader for auxiliary heaters we offer our support for the specific project design of your heating systems (e.g. according to EN1789).



Air heater



Water heater



Heating systems

Webasto air and water heaters offer your customers a wide variety of advantages

Safety and greater comfort

- Perfect view through ice-free and de-fogged windows right from the start of the journey
- Relaxing break times thanks to low-noise operation of our products
- Constant temperature in the passenger compartment thanks to intelligent temperature management
- Precise and continuously adjustable temperature control







Worthwhile investment

- High availability of the vehicle
- Worldwide professional service network
- Long term spare part availability
- Reduced fuel consumption and therefore cost efficient during engine idling times
- Low maintenance cost due to the use of high quality parts within our products
- Due to the optimized design our products have the smallest size on the market and therefore need minimum space requirements to be installed on your vehicle

Environment-friendly

- Low fuel consumption and minimized emission
- Efficient and high-efficiency combustion technology

The tailor-made Webasto heating solution for every area

	Heating capacity (kW)						
Air heaters							
Air Top 2000 STC	2.0		■	■	■	■	■*
Air Top Evo 40 / 55	4.0 – 5.5		■	■	■	■	■*
Water heaters							
eThermo Top Eco	3.0	■					■*
Thermo Top Evo 4 / 5 / 5+	4.0 – 5.0	■		■		■	■*
Thermo Top Pro 50	5.0		■	■		■	■*
Thermo Pro 90	9.1		■	■	■	■	■*
Thermo Top Pro 120 / 150	12.0 – 15.0		■		■	■	■*
Thermo E+ 200 / 320	20.0 – 32.0		■		■		■*
Thermo plus 230 / 300 / 350	23.0 – 35.0		■		■		■*

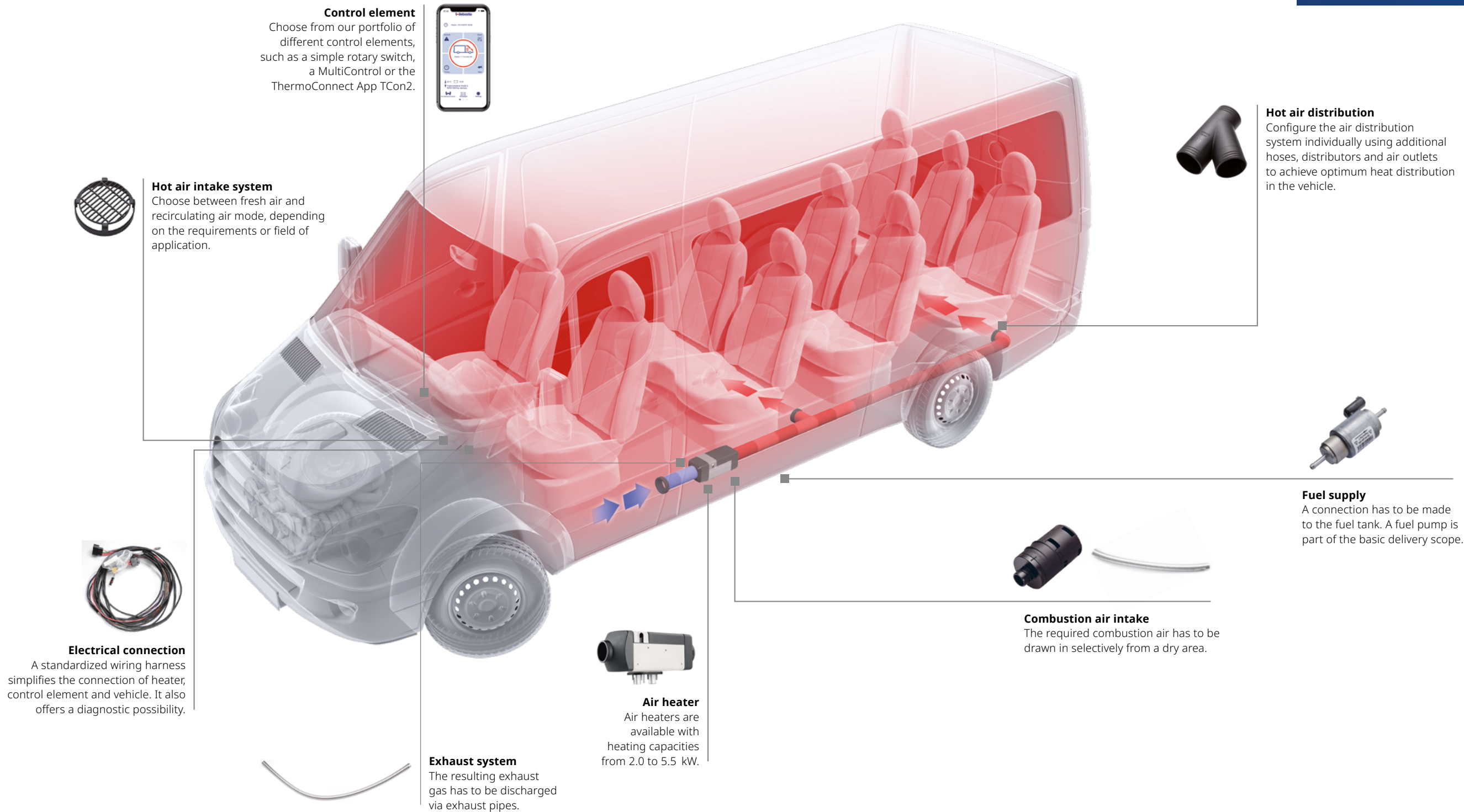
* As a worldwide leader for auxiliary heaters we offer our support for the specific project design of your heating systems (e.g. according to EN1789).

Application of an air heating system

Webasto air heating systems can be ordered tailored to your needs. The standard components are combined into a basic scope of delivery and a specific installation kit. You may need additional application material, depending on the application requirements and the installation location. You can find these in our comprehensive accessories program.

Advantages of air heating systems

- Low investment and installation cost
- Easy integration in the vehicle
- Short heating times
- Individual configuration of the air distribution
- Recirculating air or fresh air mode



Air heaters

Air Top 2000 STC

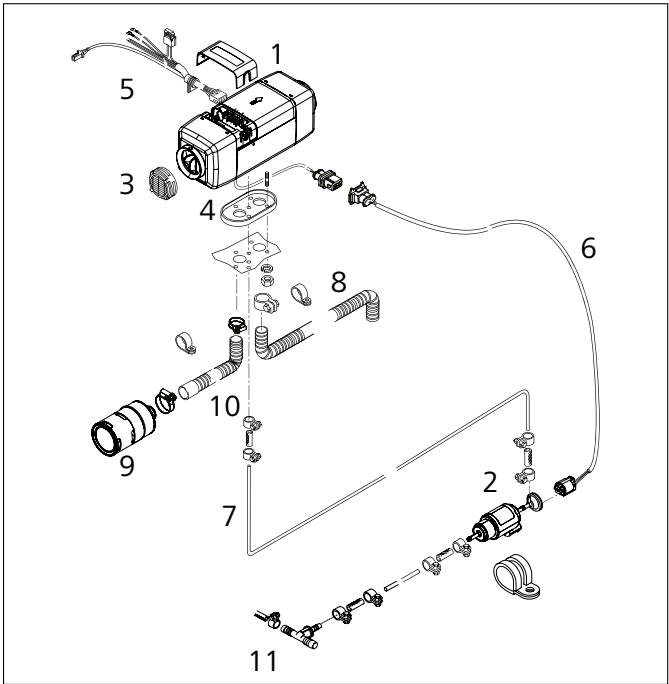


The simple and cost-effective solution

The compact Air Top 2000 STC air heater is an impressive performer thanks to its versatility and low fuel consumption. Its compact construction means that it can be installed quickly either inside or outside the vehicle. The Air Top 2000 STC heats the air in the interior or cargo space quickly and quietly whilst keeping a constant chosen working temperature. Users can choose between recirculation and fresh air modes.

Key facts at a glance:

- 2 kW heating capacity
- Heats up quickly, more even and quiet heating procedure by use of fuel pump DP42.4
- Sturdy heater with compact dimensions and low fuel consumption
- Continuous operation possible
- Easy to service and maintain, diagnostic capability
- Suitable for use in vehicles for transporting hazardous materials (ADR)



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater
2	■		Fuel pump DP42.4
3	■		Grid
4	■		Base seal
5		■	Heater wiring harness
6		■	Fuel pump wiring harness
7		■	Fuel hose Da 5 / Di 2 / L 6000
8		■	Flexible stainless steel exhaust pipe D 24 / L 700
9		■	Air intake silencer
10		■	Flexible aluminum combustion air pipe Di 24.5 / L 500
11		■	Fuel extractor
		■	Further mounting material
	■		Technical documentation

Technical data

Model overview	Air Top 2000 STC	
	Diesel	Gasoline
ECE approval number ECE R122 (heating)	E1 00 0216	E1 00 0216
ECE approval number ECE R10 (EMC)	E1 06 1085	E1 06 1085
Heating capacity, control range (kW)	0.9 – 2.0	1.0 – 2.0
Fuel consumption, control range (l/h)	0.12 – 0.24	0.14 – 0.27
Nominal voltage (V)	12	24
Rated power consumption, control range (W)	15 – 30	13 – 28
Heating air volume flow against 0.5 mbar, control range (m³/h)	93	93
Fuels*	Diesel DIN EN 590, B100 FAME DIN EN 14214, Paraffinic fuel (HVO / GTL) DIN EN 15940	E0-E10 EN 228
Operating temperature range (°C)	-40 to +40	-40 to +40
Dimensions L x W x H (mm)	310 x 120 x 118	310 x 120 x 118
Weight (kg)	2.6	2.6

* Information about further fuels on request.

Air Top 2000 STC

Scope of delivery, heater	Order number
Air Top 2000 STC Diesel 12 V Basic	9032228B
Air Top 2000 STC Diesel 24 V Basic	9032229B
Air Top 2000 STC Gasoline 12 V Basic	9032227B

Installation kit	Order number
Air Top 2000 STC installation kit	9032244A

Control element not included. Separate order required.

Air heaters

Air Top Evo 40/55



Evolution with more power and versatility

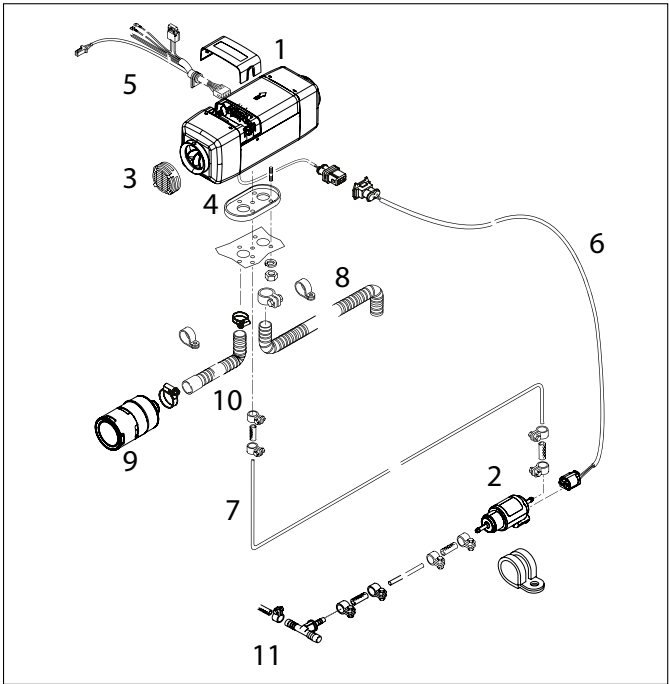
The Air Top Evo model offers greater comfort, safety and heating capacity for large commercial vehicles. Air heating ensures quick and efficient heating of cabins and cargo spaces. Energy consumption and noise are at a minimum thanks to the control system. An automatic altitude compensation system is included as standard.

Quick and easy installation makes the Air Top Evo an economical retrofit solution.

If required, two units can be combined in a modular fashion to allow for heating larger cargo spaces.

Key facts at a glance:

- Up to 4.0/5.5 kW heat output
- Very low electrical power consumption thanks to Intelligent Blower Control
- Silent operation thanks to adapted blower speed and silent fuel pump (DP42.4)
- Automatic altitude adjustment till 2,200 m above sea level
- Suitable for use in vehicles for transporting hazardous materials (ADR)



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater
2	■		Fuel pump DP42.4
3	■		Grid
4	■		Base seal
5		■	Heater wiring harness
6		■	Fuel pump wiring harness
7		■	Fuel hose Da 5 / Di 2 / L 8000
8		■	Flexible stainless steel exhaust pipe D 24 / L 1100
9		■	Air intake silencer
10		■	Flexible aluminum combustion air pipe Di 24.5 / L 500
11		■	Fuel extractor
	■		Further mounting material
			Technical documentation

Technical data

Model overview	Air Top Evo 40		Air Top Evo 55	
	Diesel	Gasoline	Diesel	Gasoline
ECE approval number ECE R122 (heating)	E1 00 0385	E1 00 0385	E1 00 0386	E1 00 0386
ECE approval number ECE R10 (EMC)	E1 05 5529	E1 05 5529	E1 05 5529	E1 05 5529
Heating capacity, control range / boost (kW)	1.5 – 3.5 / 4.0*	1.7 – 3.5 / 4.0*	1.5 – 5.0 / 5.5**	1.7 – 5.0 / 5.5**
Fuel consumption, control range / boost (l / h)	0.18 – 0.43 / 0.49*	0.25 – 0.51 / 0.54*	0.18 – 0.61 / 0.67**	0.25 – 0.70 / 0.80**
Nominal voltage (V)	12	24	12	24
Rated power consumption, control range / boost (W)	15 – 40 / 55*	15 – 40 / 55*	15 – 95 / 130**	15 – 95 / 130**
Heating air volume flow against 0.5 mbar, control range / boost (m³ / h)	132 / 140*	132 / 140*	200 / 220**	200 / 220**
Fuels***	Diesel DIN EN 590, B100 FAME DIN EN 14214, Paraffinic fuel (HVO/GTL) DIN EN 15940	E0-E10 EN 228	Diesel DIN EN 590, B100 FAME DIN EN 14214, Paraffinic fuel (HVO/GTL) DIN EN 15940	E0-E10 EN 228
Operating temperature range (°C)	-40 to +40	-40 to +40	-40 to +40	-40 to +40
Dimensions L x W x H (mm)	423 x 148 x 162	423 x 148 x 162	423 x 148 x 162	423 x 148 x 162
Weight (kg)	5.9	5.9	5.9	5.9
Automatic altitude compensation (m)	2,200 High Altitude: 5,500	2,200	2,200	2,200

* Increased heat output ("Boost") possible for max. 6 hours.
** Increased heat output ("Boost") possible for max. 30 min.
*** Information about further fuels on request.

Air Top Evo 40

Scope of delivery, heater	Order number
Air Top Evo 40 Diesel 12 V Basic	9027980B
Air Top Evo 40 Diesel 24 V Basic	9027981B
Air Top Evo 40 Gasoline 12 V Basic	9027979B

Air Top Evo 55

Scope of delivery, heater	Order number
Air Top Evo 55 Diesel 12 V Basic	9027985B
Air Top Evo 55 Diesel 24 V Basic	9027986B
Air Top Evo 55 Gasoline 12 V Basic	9027983B

Installation kit	Order number
Air Top Evo 40 / 55 installation kit	9027987A

Air Top Evo system

Up to 11 kW heating capacity by combining two Air Top Evo units.

Installation kit	Order number
Air Top Evo 40 / 55 Slave installation kit Contents: installation kit (see above), cable harness and system documentation	9029962A

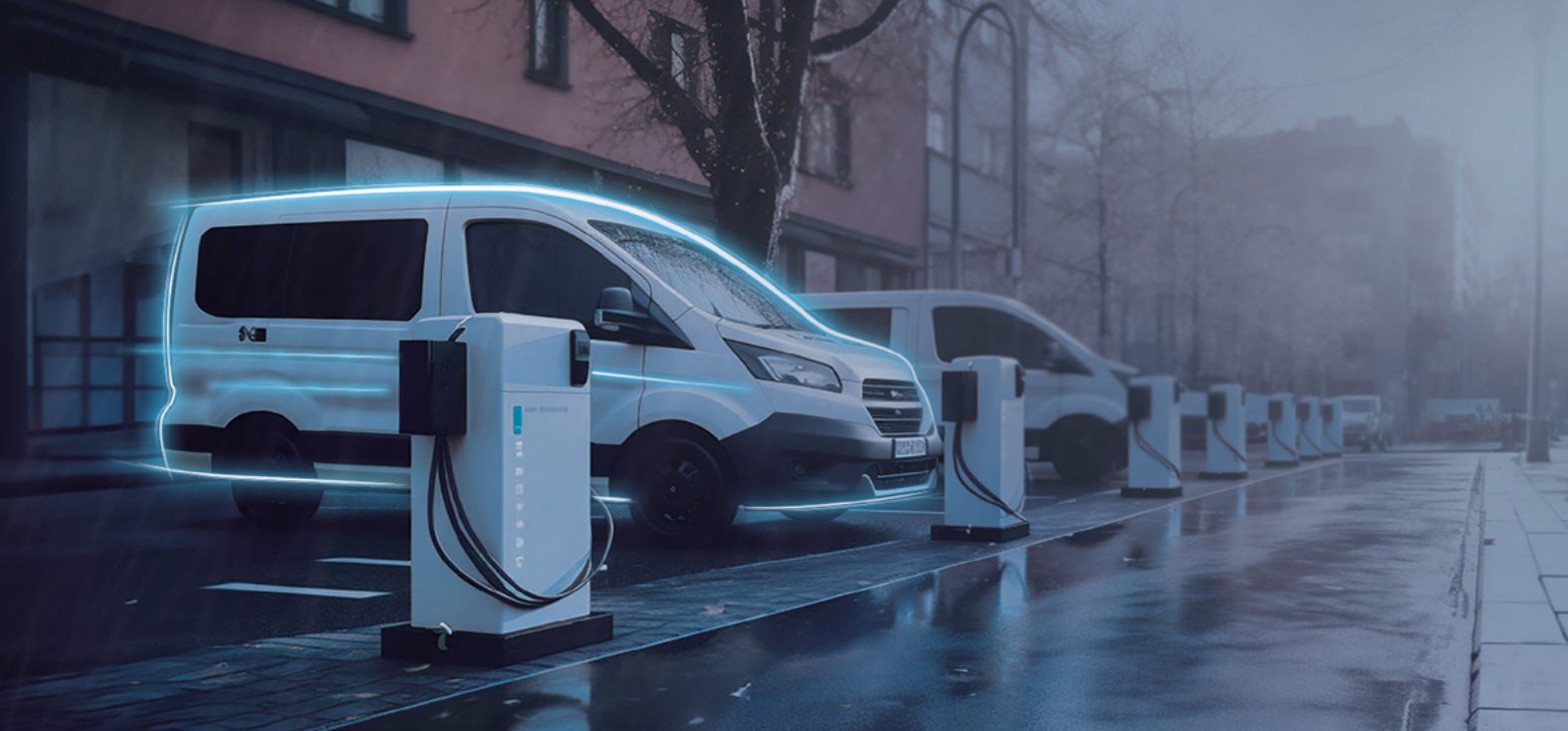
Air Top Evo 40 High Altitude

Optimized product for high altitude requirements up to 5,500 m above sea level.

Scope of delivery, heater	Order number
Air Top Evo 40 Diesel 24 V High Altitude	9038558A



Control element not included. Separate order required.



Range Plus system Extends the range of E-Vans under cold conditions and ensures warm interiors

Despite new generation battery technologies and battery management systems, heating the interiors of electric vehicles during periods of cold weather limits the range of the electric car per battery charge by **up to 35 percent.**

- Heat escapes as a result of frequent door opening.
- Window areas cause vehicle interiors to cool down quickly.
- Transportation of temperature-sensitive goods demands a reliable and constant ambient temperature, for which energy is required to heat the cargo compartment.

Webasto's Range Plus system – a fuel-powered Air Heater plus fuel tank – significantly reduces the load on the vehicle's existing electric heater. It moreover ensures pleasant temperatures for passengers and everyone who relies on a warm vehicle for work.

Retrofit of:

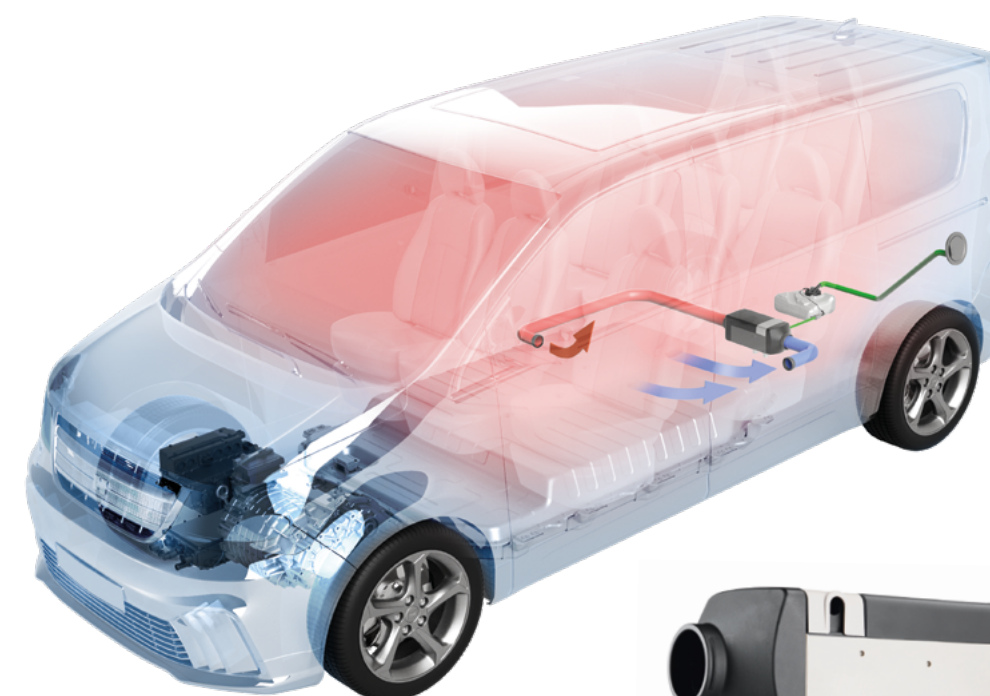
- Heat source air heater
- Heater control (MultiControl / TCon2)
- Air distribution (in- / outlet)
- Fuel supply (fuel tank, fuel filler assembly, refuel cap)
- Tank level indicator

Technical release of solution:

- DEKRA (development with an authorized partner)
- Result of Range Plus:
 - **up to 80 km** additional range at comfortable interior temperatures
 - **up to 50 h** of additional heat

Set includes:

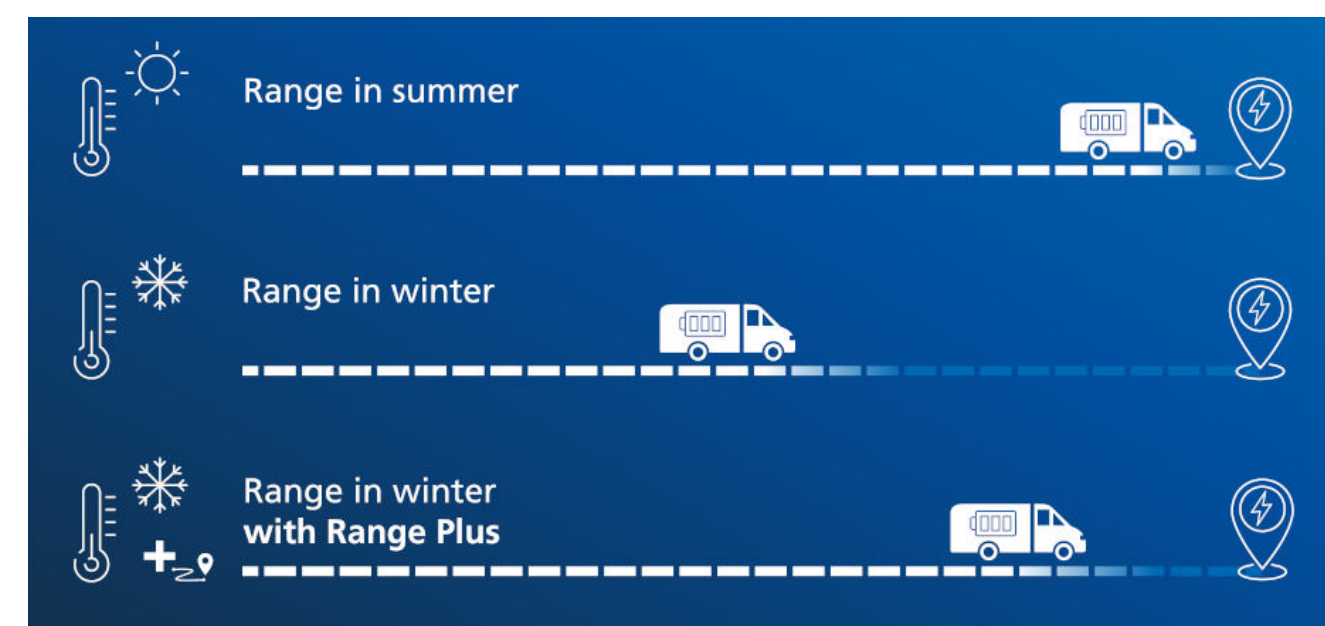
- Air Top 2000 STC D 12 V / Air Top Evo 40 D 12 V
- Vehicle specific installation kit
- Air in- / outlet, air routing, external temp sensor, heater bracket, wiring harness extension, etc.
- Fuel tank, tank level sensor, tank level indicator (LED), fuel filler assembly, refuel cap
- Available for: Mercedes EQV / E-Vito Tourer / VW D.Buzz Cargo / VW ID.Buzz Van / Ford e-Transit, Stellantis K0 (Peugeot Expert / Citroën Jumpy / Opel Vivaro)



HVO
ready

Further possible applications:

- Student transport
- Transport of disabled or sick persons
- Mobile workplace
- Transport & storage of temperature sensitive materials



More information:

<https://www.webasto.com/en-int/heating/air-heater/range-plus.html>

Application of a water heating system

Webasto water heating systems can be ordered tailored to your needs. The standard components are combined into a basic scope of delivery and a vehicle specific installation kit. You may need additional application material, depending on the application requirements and the installation location. You can find these in our comprehensive accessories program.

Advantages of water heating systems

- Engine preheating and / or cabin heating
- Longer life of the engine thanks to reduction of cold starts
- Full integration in the existing heating system of the vehicle with a maximum of comfort for the passengers
- Use of the vehicle engine heat to bridge short standstill times without using the heater to reduce fuel consumption and emissions

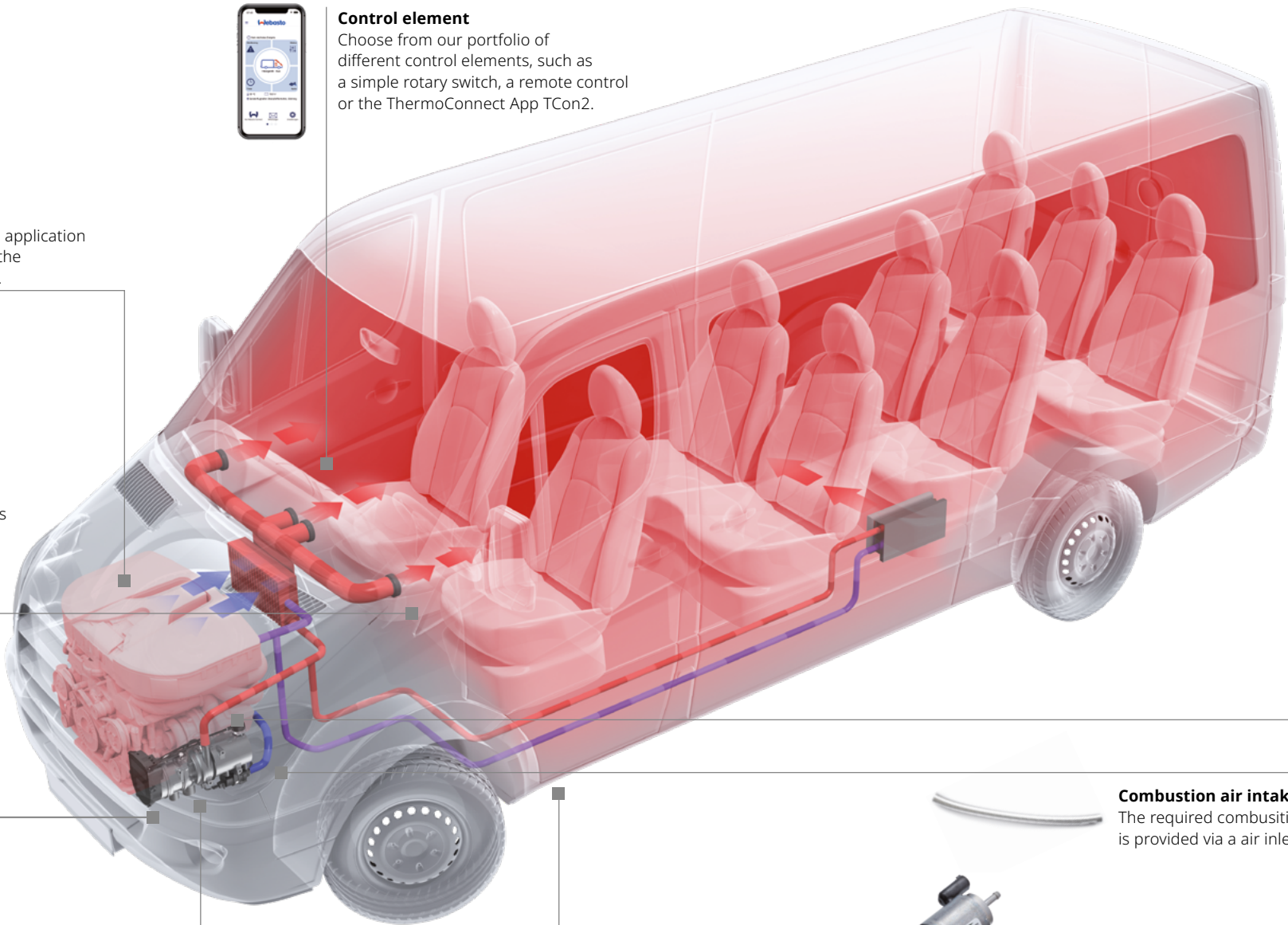


Control element
Choose from our portfolio of different control elements, such as a simple rotary switch, a remote control or the ThermoConnect App TCon2.

Integration into the water circuit
Depending on the vehicle type, choose the required application material such as hoses, valves or thermostats from the standard installation kit or our accessories portfolio.



Electrical connection
A standardized wiring harness simplifies the connection of heater, control element and vehicle. It also offers a diagnosis interface.



Exhaust system
The resulting exhaust fumes have to be discharged via exhaust tube.



Water heater
Heaters are available with heating capacities from 2 to 40 kW.



Coolant pump
Choose the required coolant pump from the broad accessories portfolio. For the eThermo Top Eco, Thermo Top Evo 4 / 5 / 5+, Thermo Pro 50 Eco, Thermo Pro 90 and Thermo Top Pro 120 / 150 heaters, a standard pump is included in the basic scope of delivery.



Combustion air intake
The required combustion air is provided via an air inlet pipe.

Fuel supply
A fuel operated heater needs a fuel supply via a fuel pump which is part of the basic scope of delivery.

Water heaters

eThermo Top Eco



Fast, powerful, electrical

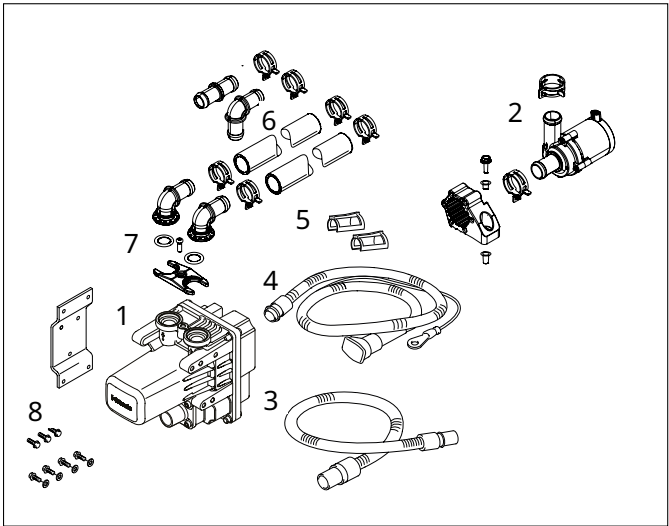
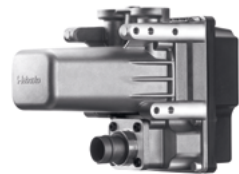
eThermo Top Eco is an electrically operated water heater. The eThermo Top Eco appeals to new groups of customers: Garage and carport owners, short-distance drivers as well as environmentally aware motorists.

The electric parking heater is integrated into the coolant circuit of the vehicle. A circulation pump provides for the homogeneous heating of the vehicle engine. At the same time, the vehicle fan propels the flow of warm air into the interior and right onto the windshield, which is therefore de-iced extremely quickly.

The heater is operated via an electric cable connected to a 230 V power outlet. Thanks to the integrated trickle charge function for 12 V batteries, the car battery is automatically charged throughout the entire duration of operation. The eThermo Top Eco can be conveniently controlled with a preset timer for the power outlet or with a WLAN timer which can be ordered at Webasto. The home connection must have ≥ 16 A fuse protection.

Key facts at a glance:

- Retrofittable for cars with all types of drive systems
- Extremely small and light, weighting only 1.4 kg
- No emissions in operation
- Simultaneous and consistent heating of the engine and the interior
- Attractive price compared to fuel operated heaters
- Reduced installation time compared to Thermo Top Evo
- Trickle charge function of the vehicle's battery
- Convenient control possible with a preset timer or the Webasto WLAN timer



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater eThermo Top Eco
2	■		Coolant pump U4847 Econ axial incl. bracket and specific harness
3	■		230 V extension cable
4	■		230 V mounting cable engine compartment
5	■		Safety lock (2 x)
6		■	Coolant hose Di 18 / Da 25 / L 2000
7		■	Coolant connection pieces
8		■	Heater bracket
		■	Cable harness relay fuse holder
		■	Harness standard fan control
		■	Further mounting material
	■		Technical documentation

Technical data

Heater 230 V/112 V	eThermo Top Eco 30 P
ECE approval number ECE R122 (heating)	000512
CE-Declaration of Conformity	Machinery Directive, 2014 / 30 / EU (EMV), 2011 / 65 / EU (RoHS), for further information see DoC
Build type	Water heater (electrically powered)
Grid connection (V) (50 Hz)	230
Home connection fuse protection (A)	≥ 16
Heating capacity (kW)	max. 3
Operating voltage (V) (50Hz)	220 - 230
Output voltage battery (V)	12 - 14
Output voltage coolant pump (V)	12 - 14.5
Nominal energy consumption beyond control range (kW)	3
Permissible ambient temperatures (in operation) (°C)	-40 to +80
Dimensions (L x W x H) (mm)	181 x 91 x 133
Weight (kg)	1.4
IP protection class	IP 5K4K, IPX9K
Operation time (h)	max. 2
Max. trickle charge amperage (A) Incl. coolant pump operation	8.5
Coolant pump U4847 Econ	
Volume flow against 0.14 bar (l / h)	500
Dimensions L x W x H (mm)	109 x 49 x 79
Weight (kg)	0.3

eThermo Top Eco 30 P

Scope of delivery, heater	Order number
eThermo Top Eco 30 P (3 kW)	1330003B

Installation kit	Order number
Installation kit eThermo Top Eco 30 P	1330001A

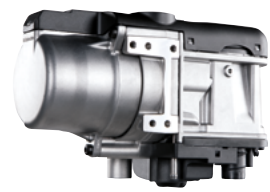
Standard climate control kit	Order number
eThermo Top Eco 30 P	1330005A

Control unit	Order number
WLAN timer	PEA-NX-4458

230 V house connecting cables in different lengths available, mounting accessories available, separate order required. Specific mounting part sets for various car models available.

Water heaters

Thermo Top Evo



Quick and reliable starting in winter

The Thermo Top Evo parking heater generation has been developed especially for new vehicles and those with restricted installation space. Thanks to the efficient heating system, the vehicle is ready to start quickly and reliably. Icy windows can be defrosted within a very short time and the cabin heats up very quickly.

There is a choice of three heating capacities, depending on the size of the vehicle. Thanks to its innovative control system, the Thermo Top Evo 5+ can be used to heat up very large interiors.

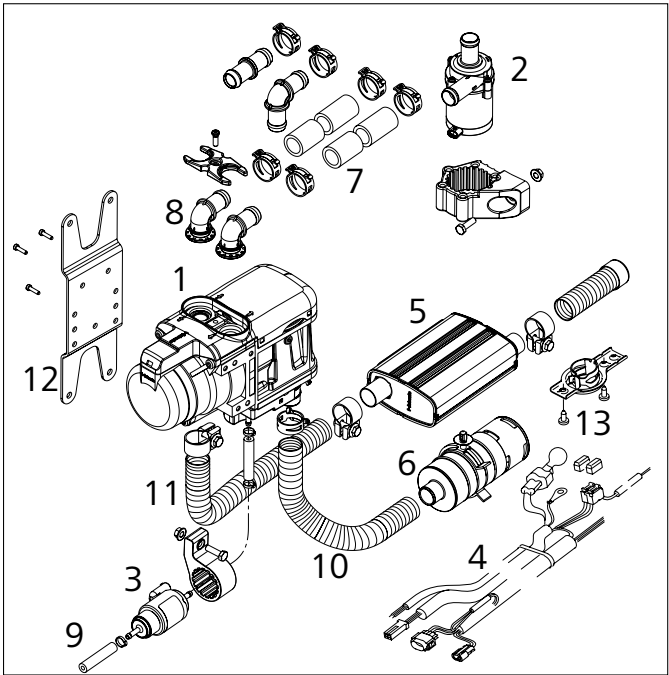
Key facts at a glance:

- Extremely small and a great space saver
- Weighting 2.1 kg, this is the lightest heater in its class
- Efficient and stable heating capacity
- Low fuel consumption and minimal emissions in operation
- Available in various heating capacities
- Vehicle-specific installation kits for the most common models

Technical data

Model overview	Thermo Top Evo 4		Thermo Top Evo 5		Thermo Top Evo 5+*	
	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline
ECE approval number ECE R122 (heating)	E1 00 0258		E1 00 0258		E1 00 0258	
ECE approval number ECE R10 (EMC)	E1 04 5627		E1 04 5627		E1 04 5627	
Heating capacity, part load / full load (kW)	2.5 / 4.0	2.8 / 4.0	2.5 / 5.0	2.8 / 5.0	2.5 / 5.0	2.8 / 5.0
Fuel consumption, part load / full load (l / h) +/- 10%	0.31 / 0.49	0.39 / 0.56	0.31 / 0.62	0.39 / 0.70	0.31 / 0.62	0.39 / 0.70
Nominal voltage (V)	12		12		12	
Rated power consumption without coolant pump, part load / full load (W) without vehicle's fan, + / - 10%	12 / 21	15 / 21	12 / 33	15 / 33	12 / 33	15 / 33
Fuels**	Diesel DIN EN 590, Paraffinic fuel (HVO / GTL) DIN EN 15940	E0-E10 EN 228, E85 DIN 51625	Diesel DIN EN 590, Paraffinic fuel (HVO / GTL) DIN EN 15940	E0-E10 EN 228, E85 DIN 51625	Diesel DIN EN 590, Paraffinic fuel (HVO / GTL) DIN EN 15940	E0-E10 EN 228, E85 DIN 51625
Operating temperature range (°C)	-40 to +60					
Dimensions L x W x H (mm)	218 x 91 x 147		218 x 91 x 147		218 x 91 x 147	
Weight (kg)	2.1		2.1		2.1	
Coolant pump U4847 Econ						
Volume flow against 0.14 bar (l / h)	500					
Dimensions L x W x H (mm)	109 x 49 x 79					
Weight (kg)	0.3					

* The Thermo Top Evo 5+ unit has an innovative system for controlling the coolant circuit. ** Information about further fuels on request.



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater
2	■		Coolant pump U4847 Econ
3	■		Fuel pump DP42.4
4	■		Heater wiring harness
5		■	Exhaust silencer
6		■	Air intake silencer
7		■	Coolant hose Di 18 / Da 25 / L 2000
8		■	Coolant connection piece 90°/ Da 18 / 2 off
9		■	Fuel hose Di 2 / Da 5 / L 5000
10		■	Flexible combustion air pipe Di 21.4 / L 400
11		■	Flexible stainless steel exhaust pipe D 22 / L 1000
12		■	Heater bracket
13		■	Exhaust end fixing
		■	Further mounting material
	■		Technical documentation

Thermo Top Evo 4

Scope of delivery, heater	Order number
Thermo Top Evo 4 Diesel Basic	1314816B
Thermo Top Evo 4 Gasoline Basic	1314812B

Thermo Top Evo 5

Scope of delivery, heater	Order number
Thermo Top Evo 5 Diesel Basic	1314815B
Thermo Top Evo 5 Gasoline Basic	1314811B

Thermo Top Evo 5+

Scope of delivery, heater	Order number
Thermo Top Evo 5+ Diesel Basic	1314814A
Thermo Top Evo 5+ Gasoline Basic	1314810A

Installation kit*	Order number
Installation kit Thermo Top Evo Gasoline / Diesel Car AM	1314818D
Vehicle specific installation kit	please check our dealer portal on the internet

Control element not included. Separate order required.

Water heaters

Thermo Top Evo Smart



Available in July 2025

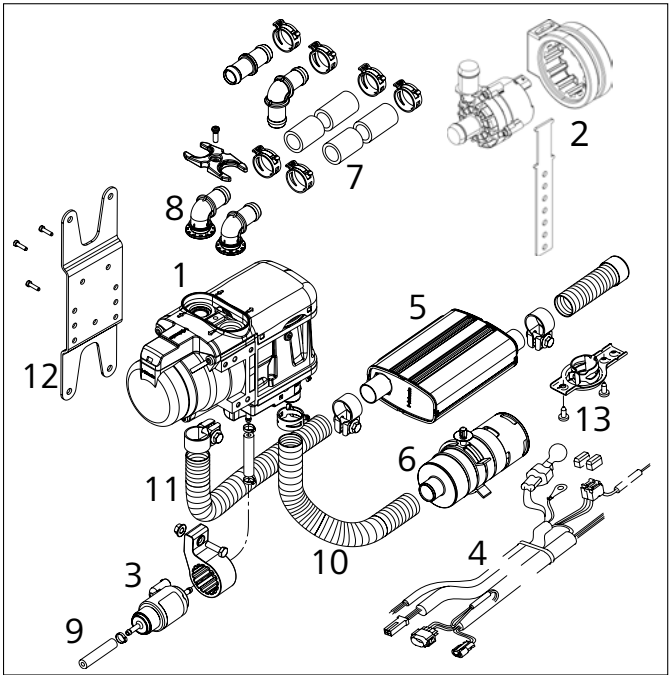
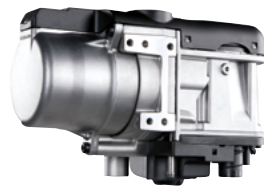
Enjoy extra warmth anywhere, anytime

Our all-rounders among parking heaters have been made more than future-proof with the Thermo Top Evo Smart: Future market requirements for passenger cars, recreational vehicles (RV), boats, and commercial vehicles have already been taken into account.

Easy system integration and cross-communication is key for this major product update. The heater is easy to integrate into vehicles thanks to wide range of supported communication types, i.e., analogue, LIN, CI and W-Bus – which gives installation partners huge flexibility boost. A set of universal installation kits have been created to reduce complexity and quantity of article numbers.

Key facts at a glance:

- Suitable for car, RV, marine and commercial applications
- Vehicle specific installation kits with universal scope of delivery are available
- Comfort heating function combined with a silent and efficient lower heating power mode at 1.8 kW
- Allows cross communication with different types of communication standards, i.e. LIN, CI, W-Bus
- Adapted for all modern and sustainable fuel types, i.e. gasoline, diesel and future-proof bio-fuels (HVO, E85 approved)
- Meets the new, high safety requirements according to cyber security standard DIN 21434, also for retrofitting



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater
2		■	Coolant pump UP500
3		■	Fuel pump DP42.4
4		■	Heater wiring harness (example drawing)
5		■	Exhaust silencer
6		■	Air intake silencer
7		■	Coolant hose Di 18 / Da 25 / L 2000
8		■	Coolant connection piece 90°/ Da 18 / 2 off
9		■	Fuel hose Di 2 / Da 5 / L 5000
10		■	Flexible combustion air pipe Di 21.4 / L 400
11		■	Flexible stainless steel exhaust pipe D 22 / L 1000
12		■	Heater bracket
13		■	Exhaust end fixing
	■		Further mounting material
			Technical documentation

Now with LIN and continuous heating with gasoline

Technical data

	Thermo Top Evo Smart 4 kW CAR AM		Thermo Top Evo Smart 5 kW CAR AM		Thermo Top Evo Smart 5 kW RV/HD	
Model overview	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline
ECE approval number ECE R122 (heating)	E1 00 0258		E1 00 0258		E1 00 0258	
ECE approval number ECE R10 (EMC)	E1 06 5627		E1 06 5627		E1 06 5627	
Declaration of conformity (CE)	CE		CE		CE	
Heating capacity (part load/full load) [kW]	1.8 / 4.0		1.8 / 5.0		1.8 / 5.0	
Fuel consumption (part load/full load) [l/h]	0.23 / 0.49	0.28 / 0.56	0.31 / 0.62	0.39 / 0.70	0.31 / 0.62	0.23/ 0.62
Nominal voltage (V)	12		12		12	
Communication	analog / W-Bus / LIN / CI-Bus		analog / W-Bus / LIN / CI-Bus		W-Bus / LIN / CI-Bus	
Cyber security	ISO 21434		ISO 21434		ISO 21434	
Function	depending on control element up to 120 min		depending on control element up to 120 min		comfort heating	
Function (with optional kit)	high altitude up to 3000 m		high altitude up to 3000 m		high altitude up to 3000 m	
Rated power consumption, part load/full load (W)	12/21	15/21	12/33	15/33	12/33	12/33
Fuels	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15
Operating temperature (°C)	-40 to 60		-40 to 60		-40 to 60	
Dimensions L x W x H (mm)	218 x 91 x 147		218 x 91 x 147		218 x 91 x 147	
Weight (kg)	2.1		2.1		2.1	
Coolant Pump UP500						
Volume flow against 140mbar / 23° C (l/h)	450		450		450	
Dimensions L x W x H (mm)	98 x 53		98 x 53		98 x 53	
Weight (kg)	0.25		0.25		0.25	

NEW: Webasto System Diagnostics 9044777A

Thermo Top Evo Smart CAR AM

Scope of delivery, heater	Order number
Thermo Top Evo Smart 4 kW CAR AM Diesel Basic	9043586A
Thermo Top Evo Smart 4 kW CAR AM Gasoline Basic	9043585A
Thermo Top Evo Smart 5 kW CAR AM Diesel Basic	9043588A
Thermo Top Evo Smart 5 kW CAR AM Gasoline Basic	9043587A

Thermo Top Evo Smart 5 kW CAR MS-BC (for analog & blink code device ,Rocker Switch')

Scope of delivery, heater	Order number
Thermo Top Evo Smart 5 kW CAR MS-BC Diesel Basic	9043793A
Thermo Top Evo Smart 5 kW CAR MS-BC Gasoline Basic	9043794A

Control element not included. Separate order required.

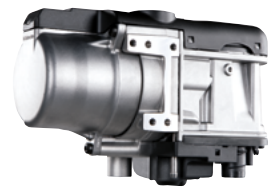
Thermo Top Evo Smart 5 kW RV/HD

Scope of delivery, heater	Order number
Thermo Top Evo Smart 5 kW HD-LIN (presetting for LIN) Diesel Basic	9043596A
Thermo Top Evo Smart 5 kW RV-CI Classic (CI-Bus) Gasoline Basic	9043597A
Thermo Top Evo Smart 5 kW RV-CI Classic (CI Bus) Diesel Basic	9043598A

Installation kit*	Order number
Standard Kit CAR	9044029A
Standard Kit RV	9044059A
Vehicle specific installation kit	please check our dealer portal on the internet

Water heaters

Thermo Top Pro 50



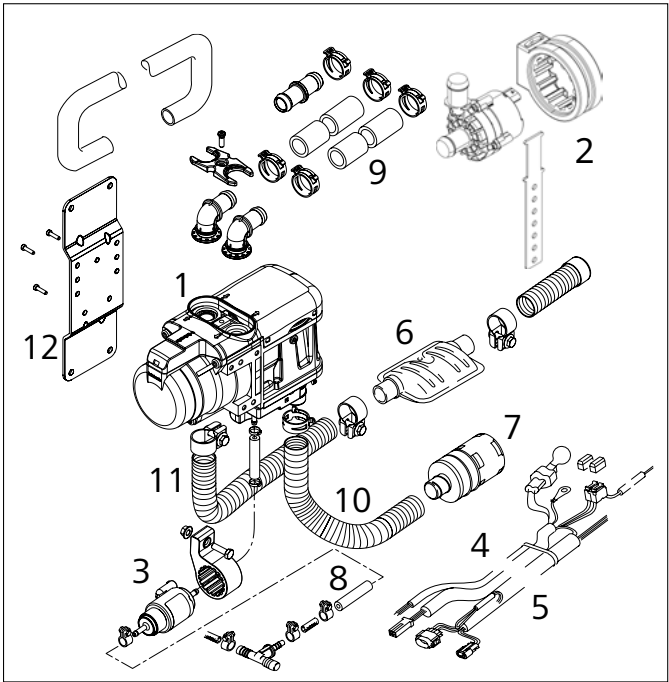
Light and powerful

The Thermo Top Pro 50 heater is the advanced successor to the Thermo Pro 50 Eco, specifically designed for lightweight trucks and small to medium-sized commercial vehicles. It retains the compact dimensions and lightweight design of its predecessor while introducing an enhanced HDSCS connector, making the heater more robust and simplifying installation. Thermo Top Pro 50 now features both LIN-Bus and analog signal input, offering maximum flexibility for seamless vehicle integration. Enhanced components, such as a new blower module and coolant fluid pump, significantly boost the heater's efficiency. With additional time-tested features, such as an automatic altitude adjustment, Arctic Start and continuous heating control, extreme environmental conditions can be managed easily.

By efficient preheating of the engine, the Thermo Top Pro 50 makes the vehicle more ready for use, especially in harsh environmental conditions. At the same time, it contributes to more economical, environmentally friendly and wear-reduced operation.

Key facts at a glance:

- Engine-independent water heater with 2.5 to 5.0 kW of heating power
- High product quality and long service life of the device
- Especially economical and lower in emissions thanks to efficient heating power control
- Standard altitude adjustment is now up to 4000 m
- Available for initial installation and retrofitting
- New blower module with improved design and extended capabilities
- New coolant fluid pump UP500 for a vastly improved performance and increased efficiency
- Redesigned ECU and HDSCS connector for easier installation and LIN-Bus communication



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater
2	■		Coolant pump UP500
3	■		Fuel pump DP42.4
4		■	Heater wiring harness
5		■	Fuel pump wiring harness
6		■	Exhaust silencer
7		■	Air intake silencer
8		■	Fuel hose Da 5 / Di 2 / L 6000
9		■	Molded coolant hose Da 29 / Di 20 / L 2200
10		■	Flexible aluminum combustion air pipe D 21.4 / L 400
11		■	Flexible stainless steel exhaust pipe D 22 / L 1000
12		■	Heater bracket
		■	Further mounting material
	■		Technical documentation

Technical data

	Thermo Top Pro 50
ECE approval number ECE R122 (heating)	E1 00 0471
ECE approval number ECE R10 (EMC)	E1 06 7609
Heating capacity, part load / full load (kW)	2.5 / 5.0
Fuel consumption, part load / full load (l / h)	0.3 / 0.6
Nominal voltage (V)	24
Nominal power consumption without coolant pump, part load / full load (W)	28 - 46
Fuels	Diesel DIN EN 590; Diesel B20-B30 DIN EN 16709;
Operating temperature range (°C)	-40 to +80
Communication	LIN 2.2
Dimensions L x W x H (mm)	218 x 91 x 147
Weight (kg)	2.2
Cyber security	ISO/SAE 21434
Permissible high altitude level above sea level (m)	up to 4.000
	Coolant pump UP500
Nominal power consumption (W)	12.0
Volume flow against 0.31 bar (l/h)	500
Dimensions L x W (mm)	89 x 53
Weight (kg)	0.25

Thermo Top Pro 50

Scope of delivery, heater	Order number
SD Thermo Top Pro 50 D 24V Basic	9045298A
SD Thermo Top Pro 50 D 24V LIN	9045883A

Installation kit	Order number
Installation Kit Thermo Top Pro 50 24V Standard	9045301A

Control element not included. Separate order required.

NEW: Webasto System Diagnostics 9044777A

Water heaters

Thermo Pro 90



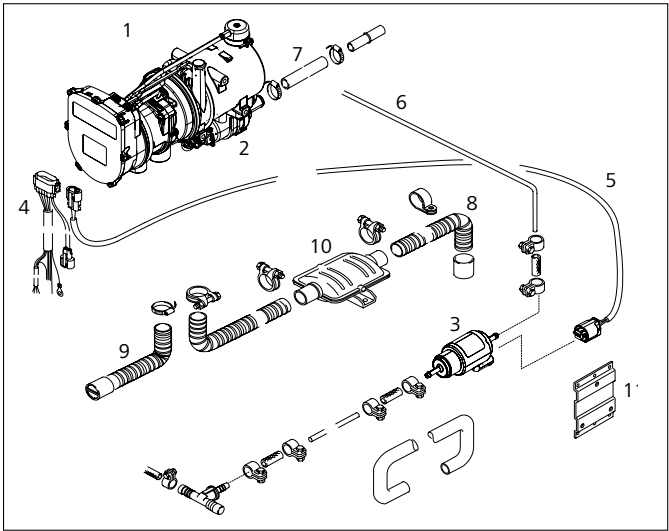
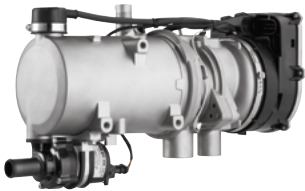
Light and robust

The Thermo Pro 90 is designed especially for use in large commercial and specialty vehicles and in minibuses. It heats up the engine very quickly to optimum starting temperatures. Both fuel consumption and exhaust emissions are therefore reduced in the starting phase. New functions such as altitude compensation, Arctic Start and stepless heating capacity control allow new areas of application, even under extreme conditions.

The efficient and compact unit is easy to install and available for original equipment as well as for aftermarket installation.

Key facts at a glance:

- Engine-independent heating mode for commercial vehicles with up to 9.1 kW heating capacity
- Fast warm-up, even at the lowest temperatures, thanks to the Arctic Start function
- Very robust and most reliable heater with long service life
- Variants with automatic altitude adjustment up to 4,500 m available



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater
2	■		Coolant pump U4840
3	■		Fuel pump DP42.4
4		■	Heater wiring harness
5		■	Fuel pump wiring harness
6		■	Fuel hose Da 5 / Di 2 / L 6000
7		■	Molded coolant hose Da 29 / Di 20 / L 2200
8		■	Flexible stainless steel exhaust pipe D 38 / L 1000
9		■	Air intake silencer D 30 / L 1160
10		■	Exhaust silencer
11		■	Heater bracket
		■	Further mounting material
	■		Technical documentation

Technical data

Model overview	Thermo Pro 90	
	Diesel	
ECE approval number ECE R122 (heating)	E1 00 0320	
ECE approval number ECE R10 (EMC)	E1 04 6196	
Heating capacity, part load / full load / boost (kW)	1.8 / 7.6 / 9.1	
Fuel consumption, part load / full load / boost (l / h)*	0.2 / 0.9 / 1.1	
Nominal voltage (V)	12	24
Rated power consumption with coolant pump, part load / full load / boost (W)	37 / 83 / 90	
Fuels**	Diesel DIN EN 590, B100 FAME DIN EN 14214 Fuel oil EL DIN 51603-1, Paraffinic fuel DIN EN 15940 (HVO, GTL)	
Operating temperature range (°C)	-40 to +80	
Dimensions with coolant pump U4840 L x W x H (mm)	385 x 139 x 219	
Weight with coolant pump U4840 (kg)	4.9	
Permissible high altitude level above sea level (m)	Thermo Pro 90: up to 3,000 m Thermo Pro 90 HDD and Thermo Pro 90 High Altitude: up to 4,500 m	
Coolant pump U4840		
Volume flow against 0.34 bar (l / h)	700	
Dimensions L x W x H (mm)	134 x 53 x 90 (incl. connections)	
Weight (kg)	0.4	

* About 20 – 40 % of the stated fuel consumption is compensated for by the reduced consumption of the preheated engine.

** Information about further fuels on request.

Thermo Pro 90

Scope of delivery, heater	Order number
Thermo Pro 90 D 12 V Basic	9023075C
Thermo Pro 90 D 24 V Basic	9023076C
Thermo Pro 90 D 24 V HDD	9031850B
Thermo Pro 90 D 24 V High Altitude	9034839A

Installation kit	Order number
Installation kit Thermo Pro 90 12 V	9024620A
Installation kit Thermo Pro 90 24 V	9024621A
Installation kit Thermo Pro 90 12 V Longline*	9028640A
Installation kit Thermo Pro 90 24 V Longline*	9028639A

Control element not included. Separate order required.

* Longline: Fuel line with larger diameter (inner 3 mm, outer 5 mm) and length of 12,000 m. For use of large circuits only!

Thermo Pro 90 High Altitude

Optimized product for high altitude requirements up to 4,500 m above sea level.

Thermo Pro 90 HDD (Heavy Duty Design)

Optimized product for industrial and construction sectors.

The Thermo Pro 90 HDD device satisfies additional standards for use in rugged off-road environment and can be used for SAE J1939 based off-board diagnostic.

Water heaters

Thermo Top Pro 120/150



Next generation of high-performance water heaters for more comfort, safety and reliability

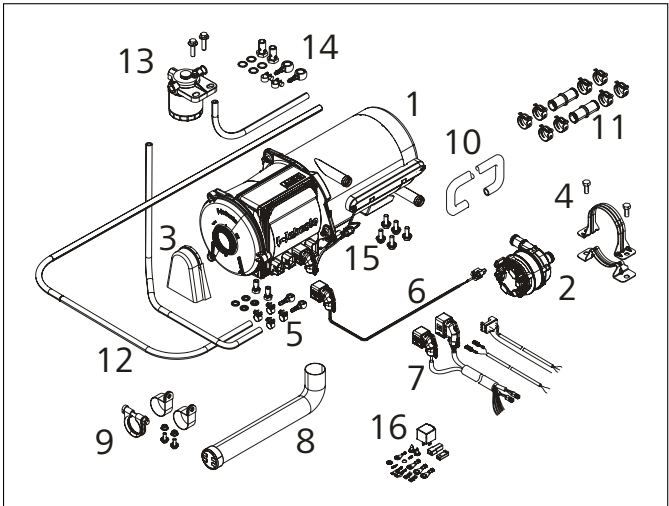
The Thermo Top Pro 120 (12 kW) and 150 (15 kW) constitute a generation of water heaters in the high-performance segment. They are each available as 12 and 24 volt variants and ideally suited for use in construction and agricultural machinery, small to mid-sized buses, electric buses (as range extender at cold temperatures), trucks and rail.

Thanks to its efficient burner design as well as the intelligent diagnostic and safety system the heater fits in perfectly with the current times. Several sensors monitor exhaust gases as well as the coolant temperature and transmit these values to the control unit. It has an automatic altitude adjustment as basic equipment which ensures full heating performance up to 3,500 meters above sea level. In addition to this the heater is also ready for use under extreme conditions such as minus 40 degrees Celsius. Moreover, its compact size relating to its performance simplifies the installation in confined spaces.

The powerful coolant pump U4850 is part of the basic scope of delivery and provides a high volume flow as well as a good pressure resistance. It comes with an intelligent self-protection function and communicates with the heater's control unit permanently. So, the diagnostic process offers both an analysis of the heater and performance data of the coolant pump. The result: Simple diagnosis and quick maintenance in the workshop.

Key facts at a glance:

- Proven technology for a wide range of applications
- Automatic altitude adjustment up to 3,500 m above sea level as standard
- Various safety and diagnostic features
- Powerful coolant pump U4850
- Approved for paraffinic diesel fuels (HVO, GTL)
- Suitable for use in vehicles for transporting hazardous materials (ADR)



Contents scope of delivery/Installation kit

Part	SOD Basic	SOD CPoff	IK	Description
1	■	■		Heater
2	■			Coolant pump 4850
3	■	■		Splash guard
4	■			Bracket coolant pump
5	■	■		Mounting material fuel
6			■	Wiring harness coolant pump
7			■	Wiring harness vehicle, vehicle fan, fuse holder
8			■	Exhaust flex pipe
9			■	Mounting material exhaust
10			■	Coolant hose
11			■	Mounting material coolant
12			■	Fuel hose
13			■	Fuel filter
14			■	Mounting material fuel filter
15			■	Mounting material heater
16			■	Mounting material electric
			■	Further mounting material
	■	■		Technical documentation

Technical data

Model overview	Thermo Top Pro 120	Thermo Top Pro 150
	Diesel	
ECE approval number ECE R 122 (heating)	E1 00 0480, E1 00 0481	
ECE approval number ECE R 10 (EMC)	E1 05 7735	
Heating Capacity (kW)	12	15
Fuel consumption (kg/h)	1.37	1.45
Nominal voltage (V)	12 / 24	
Rated power consumption without coolant pump U4850 (W)	80	100
Fuels*	Diesel DIN EN 590, Diesel B20-B30 DIN EN 16709, Paraffinic fuel (HVO / GTL) DIN EN 15940	
Operating temperature range (°C)	-40 to +80	
Dimensions L x W x H (mm)	470 x 200 x 200	
Weight (kg)	11	
Automatic altitude compensation (m)	3,500	
Coolant pump U4850		
Volume flow against 0.56 bar (l/h)	1,500	
Dimensions L x W x H (mm)	118 x 80 x 104	
Weight (kg)	0.7	

* Information about further fuels on request.

Thermo Top Pro 120

Scope of delivery, heater	Order number
Thermo Top Pro 120, 12 V	9035585A
Thermo Top Pro 120, 24 V	9035584A
Thermo Top Pro 120 CPoff, 24 V	9041224A

Thermo Top Pro 150

Scope of delivery, heater	Order number
Thermo Top Pro 150, 12 V	9035583A
Thermo Top Pro 150, 24 V	9035582A
Thermo Top Pro 150 CPoff, 24 V	9039093B

Installation kit	Order number
Installation kit 12 V Standard	9035492A
Installation kit 24 V Standard	9035160A

Water heaters

Thermo plus 230/300/350



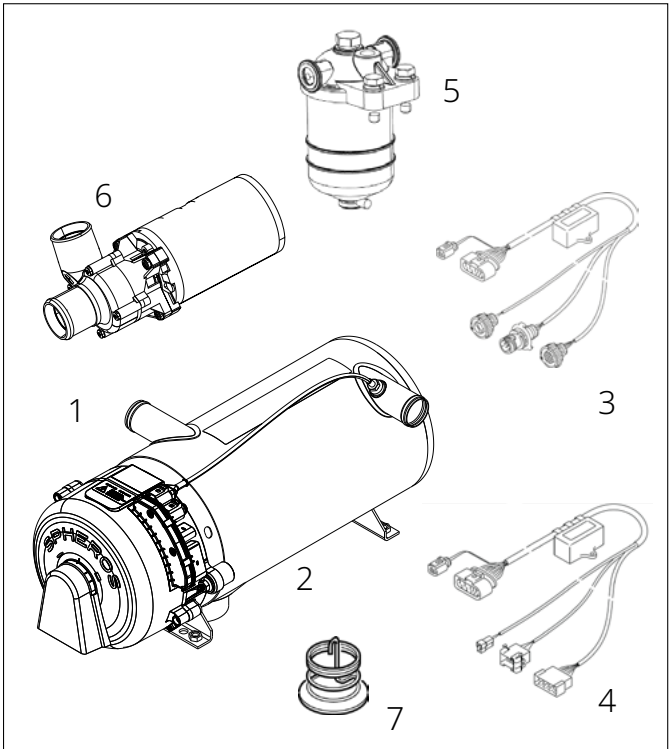
Powerful and kind to the environment

The new Thermo plus series is significantly shorter and lighter than its predecessors, and has an extended service life while producing less starting noise and exhaust emissions. These powerful water heaters based on nozzle burner principle deliver outstanding heating performance with reduced fuel consumption of up to 4.5 % compared to its predecessor series. Thermo plus heaters ensure optimal operating temperature of heavy-duty diesel engines before their initial start-up, thus preserving crucial engine lifespan and prolonging intervals between mandatory services. During stand-by phases, it also keeps a comfortable temperature for the drivers, without infliction of unnecessary stress to the engine and environment.

The supplementary heating function ensures a comfortable interior temperature for public transportation vehicles or tourist buses during their operation. Comfortable temperature levels in the passenger cabin are quickly established even without the main engine running, thus guaranteeing customer satisfaction by any weather and outside condition.

Key facts at a glance:

- Lower vehicle fuel consumption due to reduced heater weight
- Brushless EC motor enables extended running times and decreases the power consumption up to 16 %
- Lower internal consumption of the heater over a heating period
- Reduced exhaust emissions when starting
- Less starting noises
- Maintenance-friendly



Contents scope of delivery

Part	SOD AMP DC MB	SOD AMP 6.3	SOD Com-pact*	Description
1	■	■	■	Heater with nozzle block preheating
2	■	■	■	Fuel hose
3	■		■	Adapter wiring harness, AMP DC MB
4		■		Adapter wiring harness, AMP 6.3
5			■	Fuel filter
6			■	Pump U4814
7			■	Exhaust deflector

* Compact SOD are pre mounted.

Technical data

Model overview	Thermo plus 230	Thermo plus 300	Thermo plus 350
	Diesel		
ECE approval number ECE R122 (heating)	E1 00 0466	E1 00 0467	E1 00 0468
ECE approval number ECE R10 (EMC)	E1 05 7559		
Heating capacity (kW)	23	30	35
Fuel consumption (kg / h)	2.5	3.0	3.6
Nominal voltage (V)	24		
Voltage range	20.5 – 30		
Rated power consumption without coolant pump (W)	60	90	120
Fuels*	Diesel DIN EN 590 B100 FAME DIN EN 14214 Paraffinic fuel (HVO / GTL) DIN EN 15940		
Operating temperature range (°C)	-40 to +110		
Dimensions L x W x H (mm)	540 x 250 x 222		
Weight (kg)	16.8		
Coolant pump U4814/Aquavent 5000			
Volume flow against 0.2 bar (l / h)	5,000		
Dimensions L x W x H (mm)	229 x 100 x 105		
Weight (kg)	2.1		
Coolant pump U4854/Aquavent 5000 S			
Volume flow against 0.2 bar (l / h)	5,000		
Dimensions L x W x H (mm)	249 x 100 x 105		
Weight (kg)	2.2		
Coolant pump U4856/Aquavent 6000 SC			
Volume flow against 0.4 bar (l / h)	6,000		
Dimensions L x W x H (mm)	229 x 110 x 115		
Weight (kg)	2.5		

* Information about further fuels on request.

Thermo plus 230

Scope of delivery, heater	Order number
Thermo plus 230, AMP DC MB	SPH11121358A
Thermo plus 230, AMP 6.3	SPH11142768A
Thermo plus 230 Compact, AMP DC MB	SPH11142771A

Thermo plus 300

Scope of delivery, heater	Order number
Thermo plus 300, AMP DC MB	SPH11121360A
Thermo plus 300, AMP 6.3	SPH11142769A
Thermo plus 300 Compact, AMP DC MB	SPH11142772A

Thermo plus 350

Scope of delivery, heater	Order number
Thermo plus 350, AMP DC MB	SPH11121362A
Thermo plus 350, AMP 6.3	SPH11142770A
Thermo plus 350 Compact, AMP DC MB	SPH11142773A

Thermo plus Rail 230/350 heaters on request.

Water heaters

Thermo E+ 200/320



Powerful state-of-the-art coolant heater for wide range of applications

Thermo E+ heaters ensure optimal operating temperature of heavy-duty diesel engines before their initial start-up, thus preserving crucial engine lifespan and prolonging intervals between mandatory services. During stand-by phases, it also keeps a comfortable temperature for the driver, without infliction of unnecessary stress to the engine and environment.

The supplementary heating function ensures a comfortable interior temperature for public transportation vehicles or tourist buses during their operation. Comfortable temperature levels in the passenger cabin are quickly established even without the main engine running, thus guaranteeing customer satisfaction by any weather and outside condition.

In addition to its low weight, the Thermo E+ series is a real winner in terms of consumption. And it was almost a foregone conclusion that our heaters would work efficiently even at temperatures as low as -40 °C.

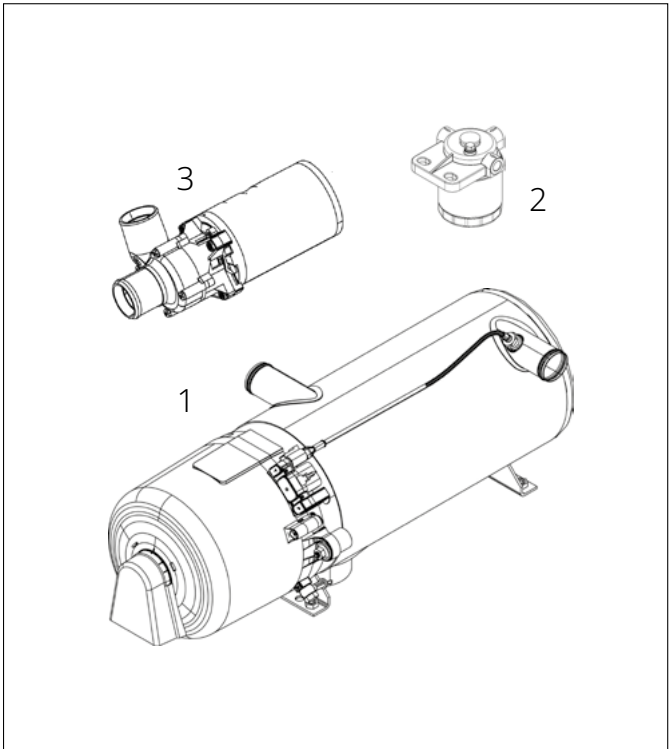
Key facts at a glance:

- Low fuel consumption thanks to high efficiency
- Savings in fuel consumption also thanks to low heater weight
- Suitable for alternative fuels according to DIN EN 15940
- Fuel savings due to external control of the circulation pump
- Emission values significantly below current standards
- Noise emission optimized
- Powerful even in cold areas up to -40 °C
- High safety standards due to temperature sensors and self protection function

Technical data

Model overview	Thermo E+ 200	Thermo E+ 320
	Diesel	
ECE approval number ECE R122 (heating)	E1 00 0540	E1 00 0541
ECE approval number ECE R10 (EMC)	E1 05 8344	
Heating capacity (kW)	20	32
Fuel consumption (kg / h)	2.0	3.2
Nominal voltage (V)	24	
Voltage range	20.5 – 30	
Rated power consumption without coolant pump (W)	55	110
Fuels*	Diesel DIN EN 590 B100 FAME DIN EN 14214 Paraffinic fuel (HVO / GTL) DIN EN 15940	
Operating temperature range (°C)	-40 to +85	
Dimensions L x W x H (mm)	593 x 249 x 224	
Weight (kg)	17.3	
Coolant pump U4814/Aquavent 5000		
Volume flow against 0.2 bar (l / h)	5,000	
Dimensions L x W x H (mm)	229 x 100 x 105	
Weight (kg)	2.1	
Coolant pump U4854/Aquavent 5000 S		
Volume flow against 0.2 bar (l / h)	5,000	
Dimensions L x W x H (mm)	249 x 100 x 105	
Weight (kg)	2.2	
Coolant pump U4856/Aquavent 6000 SC		
Volume flow against 0.4 bar (l / h)	6,000	
Dimensions L x W x H (mm)	229 x 110 x 115	
Weight (kg)	2.5	

* Information about further fuels on request.



Contents scope of delivery

Part	SOD Basic	SOD Compact*	Description
1	■	■	Heater with nozzle block preheating
2		■	Fuel filter
3		■	Pump U4814

* Compact SOD are pre mounted.

Thermo E+ 200

Scope of delivery, heater	Order number
Thermo E+ 200 Basic	SPH11137795A
Thermo E+ 200 Compact	SPH11125485A

Thermo E+ 320

Scope of delivery, heater	Order number
Thermo E+ 320 Basic	SPH11137796A
Thermo E+ 320 Compact	SPH11125488A

Control elements

Wireless

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo Smart	Thermo Top Evo	Thermo Top Pro 50	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	ThermoConnect TCon2											
	<ul style="list-style-type: none">- 12 / 24 V- Available control functions: heating, ventilation, setting of timers, heating time management (HTM), location based features through integrated GPS antenna- Individual operating time between 1 minute – 24 hours and continuous heating- Multiple vehicle control with one app possible- 2G and 4G based control unit with integrated antenna- Including push button with integrated temperature sensor and operation indicator- App available for Android, iOS and Web App my.webasto-connect.com for every web connected device- Alexa Skill myWebasto available for Alexa capable devices- Check ThermoConnect website for service availability	■	■		■	■	■	■	■			9040223F
	Remote control Telestart T100 HTM											
	<ul style="list-style-type: none">- 12 V- Including 1 hand-held transmitter with battery- Receiver- Self-adhesive window antenna- ESV adapter and temperature sensor HTM- Automatic heating time calculation				■	■		■	■			1314637B
	Hand-held transmitter T100 HTM											
	<ul style="list-style-type: none">- Including battery- Included in kit 1314637B- Up to four transmitters can be connected				■	■		■	■			1314638B
	Remote control Telestart T99											
	<ul style="list-style-type: none">- 12 V- Available control functions: heating, ventilation- Individual operating time between 10 – 120 minutes and continuous heating- Including one handheld transmitter with battery, receiver, self-adhesive window antenna and wiring harness				■	■		■	■			9039217A
	Hand-held transmitter T99											
	<ul style="list-style-type: none">- Including battery- Included in kit 9039217A- Up to four transmitters can be connected				■	■		■	■			9039224A
	Hand-held transmitter T91											
	<ul style="list-style-type: none">- Including battery					■		■	■			1314636A

Control elements

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo Smart	Thermo Top Evo	Thermo Top Pro 50	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Receiver T91/T100 HTM											
	<ul style="list-style-type: none">- Telestart-Receiver T90/91/100 HTM redesign without analog outlet for parking ventilation	■			■	■		■	■			1314639A
	Receiver T99											
	<ul style="list-style-type: none">- Included in kit 9039217A				■	■		■	■			9039225A
	Self-adhesive window antenna											
	<ul style="list-style-type: none">- For remote controls Telestart T91/T99/T100- Included in kit 1314637B and kit 9039217A				■	■		■	■			1320938A
	Wiring harness for T91 and T100 HTM											
	<ul style="list-style-type: none">- For connection of receiver, temperature sensor HTM and additional control element with heater- Included in kit 1314637B				■	■		■	■			1320949A
	Wiring harness T99											
	<ul style="list-style-type: none">- For connection of receiver and additional control element with heater- Included in kit 9039217A				■	■		■	■			9039195A
	Temperature sensor											
	<ul style="list-style-type: none">- For T100 HTM- Included in kit 1314637B				■	■		■	■			1319921A

Control elements






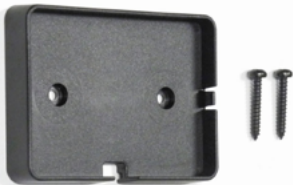
		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo Smart	Thermo Top Evo	Thermo Top Pro 50	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Push button with indicator for T91/T99/T100 – Operation display and push button for T91/T99/T100 * not included in kit 1314637B and kit 9039217A				■	■		■	■			1319906A
	Y-adapter for wiring harness – For use of an additional control element				■	■	■	■	■			1319820A
	Battery for hand-held transmitter T100 HTM – Included in kit 1314637B				■	■		■	■			9011356B
	Battery for hand-held transmitter T91 – 3 V lithium, for transmitter T91				■	■		■	■			1322583A
	Battery compartment cover for hand-held transmitter T100 HTM – Included in kit 1314637B and 1314638B				■	■		■	■			1320946A
	Battery compartment cover for hand-held transmitter T99 – Included in kit 9039217A and 9039224A				■	■		■	■			9039230A
	Battery compartment cover for hand-held transmitter T91 – Included in kit 1314636A				■	■		■	■			1320216A

Control elements

Wired

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo Smart	Thermo Top Evo	Thermo Top Pro 50	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	UniControl – 12 / 24 V – Available control functions: heating, ventilation, one activatable timer (3 preselectable on-times per day, programmable for 7 days in advance), quick start button – Individual operating time between 10 – 120 minutes and continuous heating – Quick and intuitive operation thanks to a large TFT display and multifunction button – Instrument lighting (terminal 58) – Ignition plus (terminal 15, for ad hoc continuous heating) – ADR – Cover panel dimensions (L x W): 88.6 x 41.3 mm, installation depth: 30.6 mm – Including wiring harness adapter UniControl – 9034555A	■	■		■	■	■	■	■			9034520D
	UniControl - replacement set standard timer 1531 – 12 / 24 V – Available control functions: heating, ventilation, one activatable timer (3 preselectable on-times per day, programmable for 7 days in advance), quick start button – Individual operating time between 10 – 120 minutes and continuous heating – Quick and intuitive operation thanks to a large TFT display and multifunction button – Instrument lighting (terminal 58) – Ignition plus (terminal 15, for ad hoc continuous heating) – ADR – Cover panel dimensions (L x W): 88.6 x 41.3 mm, installation depth: 30.6 mm – Including adapter cable timer 1531 – 9034596A	■	■				■	■		■	■	9034521D
	Adapter cable UniControl – 10-pole (UniControl) to 4-pole standard plug – Cable length 0.13 m	■	■		■	■	■	■	■			9034555A
	Adapter cable UniControl - replacement standard timer 1531 – 10-pole (UniControl) to 12-pole connector of presection timer 1531 – Cable length 0.2 m	■	■				■	■		■	■	9034596A
	Expansion kit UniControl – Expansion cable for additional wiring (e.g. switching input, terminal 15) – 5 single wires with one-sided crimped flat connector – Flat connectors can be pinned into the still vacant slots of the 10-pole UniControl plug – Including 5 butt connectors – Cable length 3 m	■	■		■	■	■	■	■	■	■	9034597A

Control elements

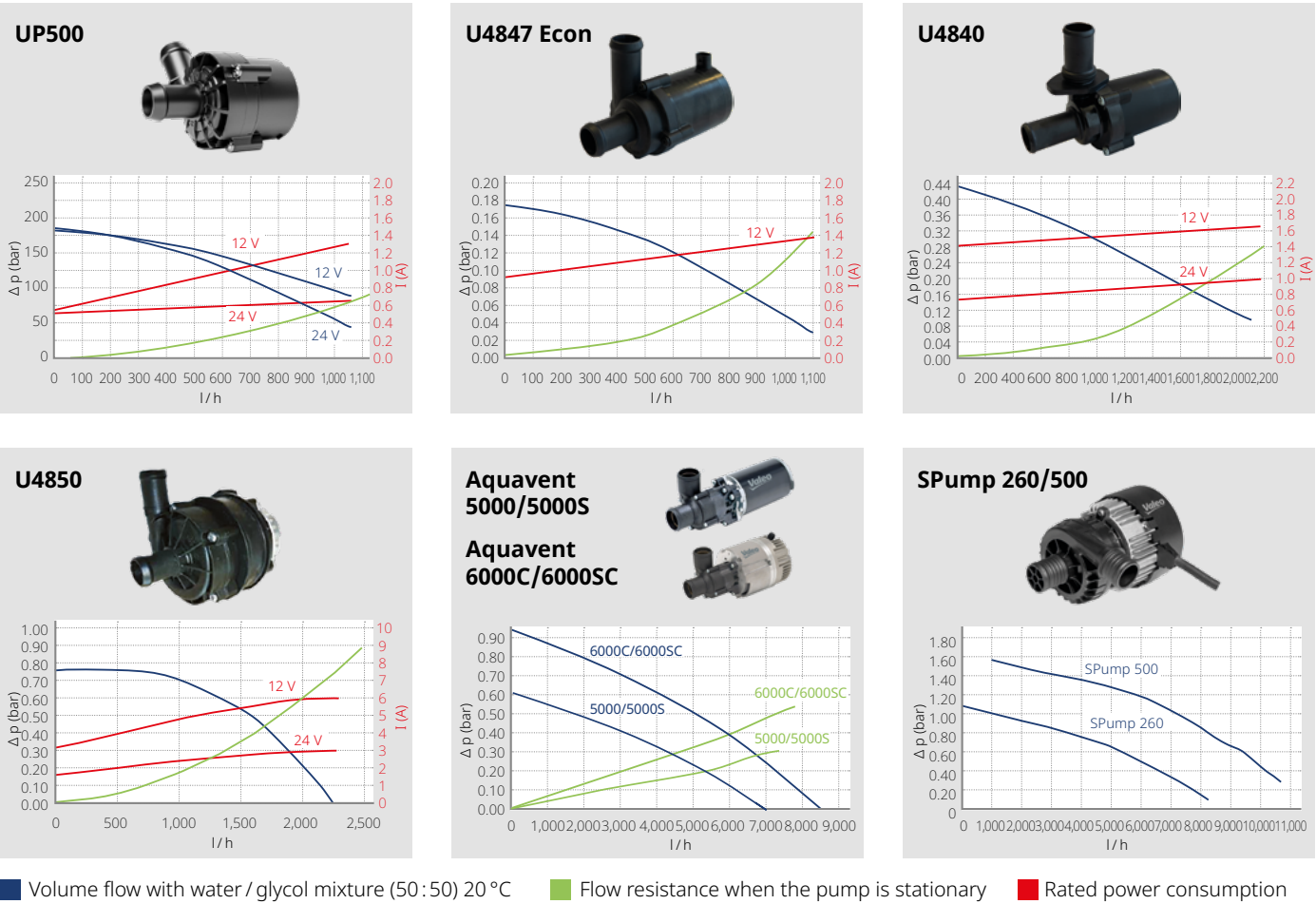
		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo Smart	Thermo Top Evo	Thermo Top Pro 50	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Installation frame UniControl, short											
	- Cover panel dimensions (L x W): 120 x 60 mm - With installation materials	■	■		■	■	■	■	■	■	■	474630
	Installation frame UniControl, long											
	- Cover panel dimensions (L x W): 200 x 60 mm - With installation materials	■	■		■	■	■	■	■	■	■	476404
	MultiControl Car											
	- 12 / 24 V - Available control functions: heating, ventilation, one activatable timer (3 preselectable on-times per day, programmable for 7 days in advance), quick start button - Individual operating time between 10 – 120 min. - Quick and intuitive operation thanks to a large TFT display and multifunction button - Cover panel dimensions (L x W) 68 x 48 mm, installation depth: 15 mm - Including adhesive pad				■	■						9029783D
	MultiControl HD											
	- 12 / 24 V - Available control functions: heating, ventilation, one activatable timer (3 preselectable on-times per day, programmable for 7 days in advance), quick start button - Individual operating time between 10 – 120 min. - Quick and intuitive operation thanks to a large TFT display and multifunction button - Cover panel dimensions (L x W) 68 x 48 mm, installation depth: 15 mm - Including adhesive pad	■	■				■	■	■			9030025E
	SmartControl											
	- 12 / 24 V - Available control functions: heating, ventilation, quick start button - Individual operating time between 10 – 120 min. - Quick and intuitive operation thanks to a large TFT display and multifunction button - ADR - Cover panel dimensions (L x W) 68 x 48 mm, installation depth: 15 mm - Including adhesive pad	■	■				■	■	■			9030026E
	Holding frame Multi-/SmartControl											
	- Fastened by screws at the mounting point - Multi-/SmartControl is clicked into the holding frame		■		■	■	■	■	■			9030077A

Control elements

Switches

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo Smart	Thermo Top Evo	Thermo Top Pro 50	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Digital Rotary Selector											
	12/24V - Simple and stepless temperature preselection - Status LED - Digital communication with heater (Webasto Control element connector) - Compact design for tight installation spaces	■	■									9045336A
	Rotary selector switch											
	- 12 / 24 V - Available control functions: steplessly adjustable heating - With operation indicator and fault display by blink code - Cover panel dimensions: ø 49 mm, installation depth 55 mm	■	■									1322581A
	Installation cover panel											
	- For rotary selector switch (1322581A), - Cover panel dimensions (L x W): 84 x 41.6 mm	■	■									1319733A
	Installation cover panel with rocker switch											
	- For rotary selector switch (1322581A) - Cover panel dimensions (L x W): 84 x 41.6 mm - For heating and ventilation	■	■									92240A
	Rocker switch ON/OFF											
	- 12 / 24 V - Available functions: ON / OFF-switch - LED to indicate heater operation - Cover panel dimensions (L x W): 23 x 23 mm (drilling hole 20 mm) - Blink code operation for RV/HD variants				■		■	■	■	■		9032550A
	WLAN-plug for eThermo Top Eco											
				■								PEA-NX-4458

Coolant pumps



■

 Volume flow with water / glycol mixture (50 : 50) 20 °C

■

 Flow resistance when the pump is stationary

■

 Rated power consumption

Technical data

Model overview (Heater and Pumps)	Thermo Top Evo Smart/ Thermo Top Pro 50	Thermo Top Evo 4/5/5+	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350 Thermo E+ 200/320			
	UP500	U4847 Econ	U4840	U4850	Aquavent 5000/5000S	Aquavent 6000C/6000SC	SPump 260	SPump 500
Nominal voltage (V)	12/24	12 / 24			5000: 12 / 24 5000S: 24	24	24	24
Nominal power consumption (W)	12	15	29	67	104	210	260	500
Volume flow (l / h)	500 l/h (0.16 bar)	500 (0.14 bar)	700 (0.34 bar)	1,500 (0.56 bar)	5,000 (0.2 bar)	6,000 (0.4 bar)	6,000 (0.5 bar)	10,000 (0.5 bar)
Dimensions L x W x H (mm)	98 x 53 (dia- meter)	109 x 49 x 79	134 x 53 x 90	118 x 80 x 104	5000: 229 x 100 x 105 5000S: 237 x 100 x 105	6000C: 225 x 110 x 115 6000SC: 229 x 110 x 115	212 x 140 x 172	212 x 140 x 172
Water connection, Ø (mm)	18/20	20			38			
Weight (kg)	0.25	0.3	0.4	0.7	5000: 2.1 5000S: 2.2	6000C: 2.4 6000SC: 2.5	2.3	2.6

UP500

Model overview	Order number
UP500 Thermo Top Evo CAR AM 12 V 18mm	9044344A
UP500 Thermo Top Evo CAR AM 12 V 20mm	9045711A
UP500 Thermo Top Pro 50 24 V 20mm	9045611A

U4847 Econ

Model overview	Order number
U4847 Econ coolant pump 12 V (24 V Version is available as a spare part only)	1323835A

U4840

Model overview	Order number
U4840 coolant pump 12 V	1321930A
U4840 coolant pump 24 V	1321932B

U4850

Model overview	Order number
U4850 coolant pump 12 V	9038904A
U4850 coolant pump 24 V	9038905A

The coolant pump, U4850 as a single component, does not have its own ECE type approval nor its own CE conformity. ECE type approval and / or CE conformity is / are only possible in conjunction with Webasto heaters: Thermo Top Pro 120 / 150. CE conformity exists in conjunction with the Webasto heater: HVH When using a pump without a connection to these heaters, and / or when using a pump as a standalone unit, U4850 the OEM is obliged to obtain type approval for the entire vehicle, including the pump, by the appropriate government body, and/or to get CE conformity awarded for the vehicle including its pump.

Successor kits coolant pump U4810/U4846

Model overview	Order number
Kit U4840 12 V (including U4840, 12 V with adapter cable and connection kit)	9024184B
Kit U4840 12 V (including U4840, 12 V with bracket, adapter cable and connection kit)	9024186B
Kit U4840 24 V (including U4840, 24 V with adapter cable and connection kit)	9024185B
Kit U4840 24 V (including U4840, 24 V with bracket, adapter cable and connection kit)	9024187B

Aquavent 5000/5000S

Model overview	Order number
Aquavent 5000 (U4814.04) coolant pump 24 V (AMP 6.3)	9810033A
Aquavent 5000 (U4814.10) coolant pump 24 V (AMP DC MB)	9810043A
Aquavent 5000S (U4854.01) coolant pump 24 V (AMP 6.3)	9810336A
Aquavent 5000S (U4854.08) coolant pump 24 V (AMP DC MB)	9810337A

Aquavent 6000C/6000SC

Model overview	Order number
Aquavent 6000C (U4855.01) coolant pump 24 V (AMP 6.3)	9810015A
Aquavent 6000C (U4855.08) coolant pump 24 V (AMP DC MB)	9810021A
Aquavent 6000SC (U4856.04) coolant pump 24 V (AMP 6.3)	9810332A
Aquavent 6000SC (U4856.08) coolant pump 24 V (AMP DC MB)	9810333A

SPump 260

Model overview	Order number
SPump 260 coolant pump 24 V (AMP 6.3)	SPH11120107A
SPump 260 coolant pump 24 V (AMP DC MB)	SPH11120854A

SPump 500

Model overview	Order number
SPump 500 03 coolant pump 24 V (Packard Delphi)	SPH11125950A
SPump 500 09 coolant pump 24 V (Packard Delphi)	SPH11139729A

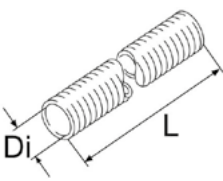
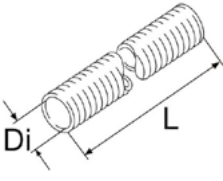
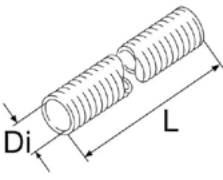
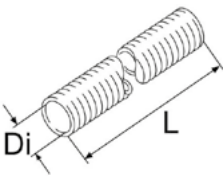
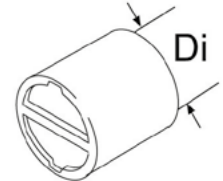


Accessories heating systems*

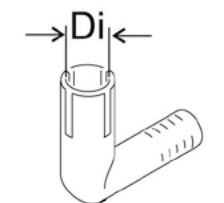
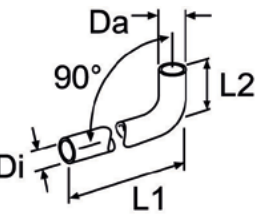
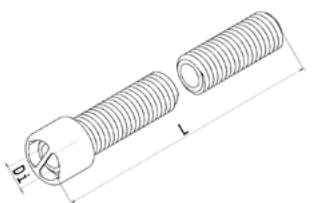
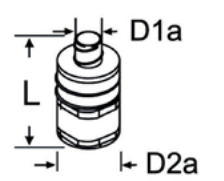
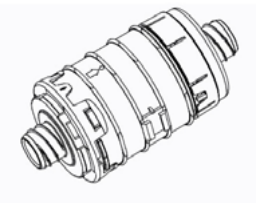
Combustion air line	62
Exhaust system	65
Fuel system	70
Hot air system	78
Water system	94
Valve	100
Mounting parts	104
Electrical accessories	112
Maintenance and diagnostics	129

*Usage of accessory parts only in combination with Webasto heaters

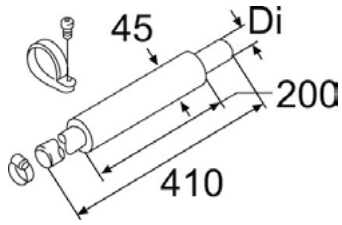

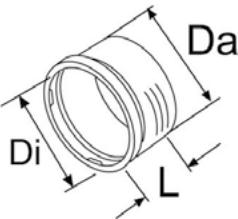
Combustion air line

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Flexible pipe									
	PAK									
	Di = 22, L = 10000									1321566A
	Di = 22, L = 20000									1321565A
	Di = 25, L = 5000									1321587A
	Di = 25, L = 10000									1321588A
	Di = 25, L = 20000									1321586A
	Di = 30, L = 5000									1321557A
	Di = 30, L = 10000									1321558A
	Di = 30, L = 20000									1321542A
	Flexible pipe									
	H-M-A, for intake silencer									
	Di = 21.4, L = 400									1323271A
	Di = 21.4, L = 1000									9035621A
	Flexible pipe									
	Di = 30, Da = 34, stainless steel									
	L = 3000									1321494A
	L = 5000									1321495A
	L = 10000									1321496A
	Flexible pipe									
	Di = 55, L = 20000, AA									1321503A
	Protection cap									
	plastic									
	Di = 27									1320257A
	Di = 31, for APK flex tube, black									1321058A
	Di = 39									1320258A

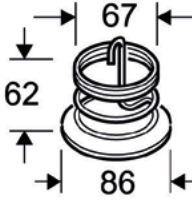
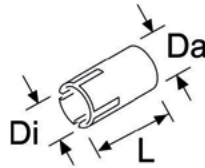
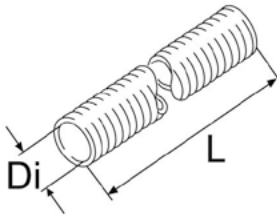
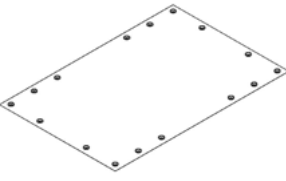
Combustion air line

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Combustion air elbow									
	plastic									
	Di = 22									1320144A
	Di = 25									1320278A
	Combustion air hose									
	Di = 22, Da = 27, L1 = 1000, L2 = 80, black									1320842A
	Air intake silencer									
	PAK									
	Di = 22, L = 800, without protection cap									1322455A
	Di = 25, L = 650, with protection cap									1319924A
	Di = 30, L = 500, with protection cap									1322512A
	Di = 30, L = 1160, without protection cap									1319607A
	Air intake silencer									
	D2a = 52									
	D1a = 21, L = 97, plastic, black									9026725A
	D1a = 21, L = 97, with mounting base, plastic, black									98141A
	D1a = 21, L = 149, extremely silent, reduced air intake noise, with water separator, plastic									9045274A
	D1a = 21, L = 137.5, plastic, black									1315744B
	D1a = 24.2, L = 138, complete with 300 mm flexible pipe, plastic									9025956A
	Air intake resonator									
	D1a = 21, L = 128, extremely silent, reduced air intake noise, with connection of additional silencer via H-M-A 21.4 tube									9045275A

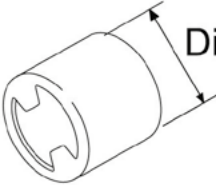
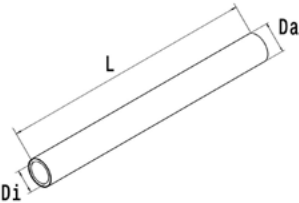
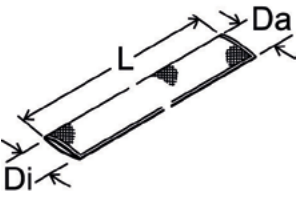
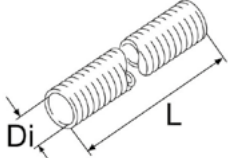
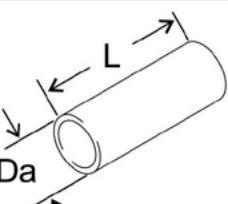
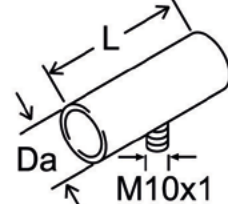
Combustion air line

	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
 Air intake silencer intake silencer Di = 30, without mounting parts					■				1320665A
 Air intake elbow Di = 55, Da = 55, in connection with 1319732A, plastic, black						■	■	■	1320215A
 Intake adapter for combustion air Di = 58, Da = 55, L = 20, plastic, black						■	■	■	1319732A

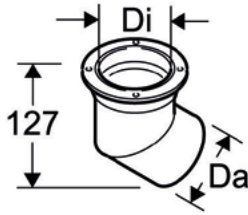
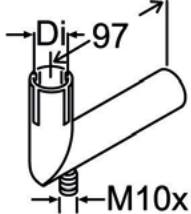
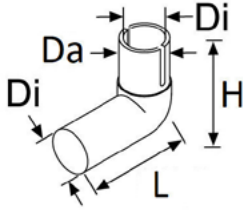
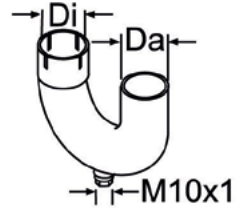
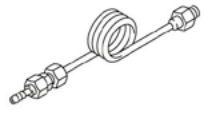
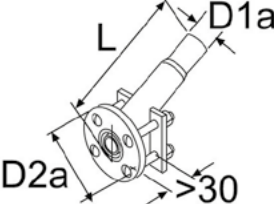
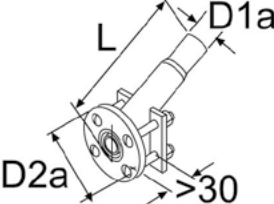
Exhaust system

	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
 Exhaust deflector Di = 67, Da = 86, H = 62							■	■	1320436A
 Exhaust pipe extension Di = 22, Da = 24, L = 40, stainless steel	■		■	■					1320382A
 Flexible pipe stainless steel									
Di = 22, Da = 26, L = 1000, with end cap	■		■	■					1322414A
Di = 22, L = 1000, with end cap	■		■	■					1322660A
Di = 22, L = 1000	■		■	■					1322177B
Di = 22, L = 5000	■		■	■					1322178B
Di = 22, L = 10000	■		■	■					1322179B
Di = 22, L = 20000	■		■	■					1322176B
Di = 22, L = 600, with end cap	■		■	■					1322529A
Di = 24, L = 1100		■							1322435A
Di = 24, Da = 28, L = 1500		■							1312769A
Di = 24, Da = 28, L = 10000		■							1321523A
Di = 24, L = 12000		■							1321522A
Di = 38, Da = 41, L = 1000, with end cap					■	■			1322674A
Di = 38, Da = 41, L = 5000					■	■			1321540A
Di = 38, Da = 41, L = 10000					■	■			1321541A
Di = 38, Da = 41, L = 20000					■	■			1321539A
Di = 70, Da = 70, L = 5000							■	■	1321568A
Di = 70, Da = 73.6, L = 10000							■	■	1321567A
 Protective pad insulation blanket for silencer					■				9028104A

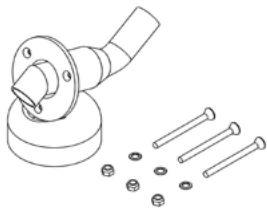
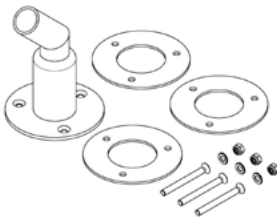
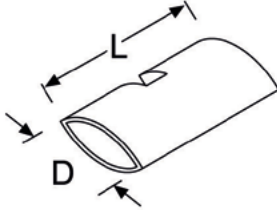
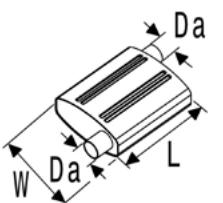
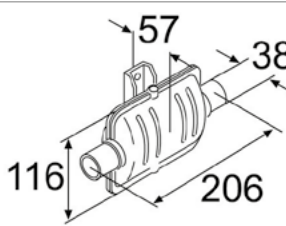
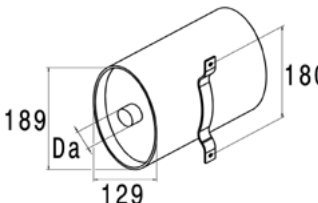
Exhaust system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Protection cap									
	stainless steel									
	Di = 26, L = 17, for flexible exhaust pipe	■		■	■					1320109A
	Di = 28, L = 17, for flexible exhaust pipe		■							1320217A
	Di = 38, L = 17, for flexible exhaust pipe, 10 pieces					■				1321753A
	Di = 34		■							1320110A
	Heat protection hose									
	fiberglass, with cover, non-flammable, interior resistant to temperatures up to 500 °C									
	Di = 28, Da = 38, L = 324	■	■	■	■					1319670A
	Di = 28, Da = 38, L = 600	■	■	■	■					1321850A
	Flexible heat protection hose									
	Di = 70, Da = 120, fiberglass									
	L = 1250					■	■	■	■	9016230B
	L = 1700					■	■	■	■	9016231B
	Flexible heat protection hose									
	Di = 28, L = 10000, GA-A	■	■	■	■					1321601A
	Di = 45, L = 5000, GA2-A					■	■			1321603A
	Di = 45, L = 10000, GA2-A					■	■			1321602C
	Exhaust connecting pipe									
	Da = 24, L = 50, stainless steel		■							1319937A
	Exhaust connecting pipe									
	Da = 38, L = 65, stainless steel, with condensate drain					■	■			1320959A

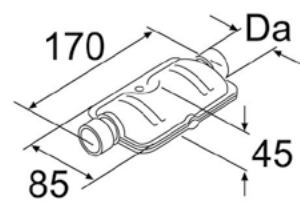
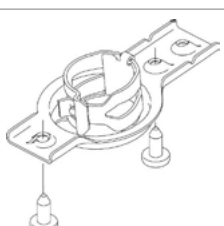

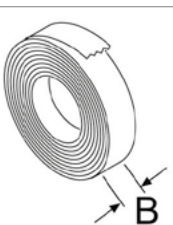

Exhaust system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Exhaust deflector									
	Di = 70, Da = 70, with ingress protection, stainless steel							■	■	1319666A
	Exhaust elbow									
	Di = 24, Da = 24, L = 97, stainless steel									
	without condensate drain		■							1320383A
	Exhaust elbow									
	without condensate drain									
	Di = 22, Da = 22, L = 65, H = 46, aluminium	■		■	■					1320117A
	Exhaust elbow									
	Di = 38, Da = 38, L = 131, H = 100, stainless steel					■	■			1328762A
	Di = 38, Da = 38, 180°, with condensate drain, stainless steel							■		1319380A
	Condensate drain									
	L = 128, M10x1, with mounting parts, copper	■	■	■	■	■	■			92621A
	Exhaust lead through									
	stainless steel									
	D1a = 22, D2a = 75, L = 102.5	■		■	■					1319427A
	Exhaust lead through									
	D1a = 38, D2a = 95, L = 125					■	■			1319428A

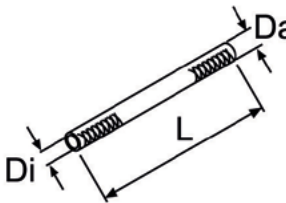
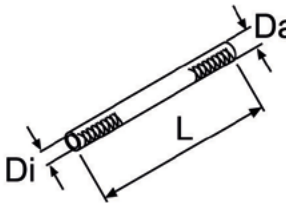
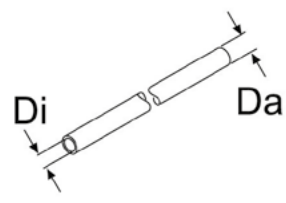
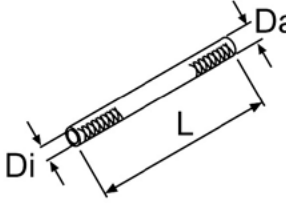
Exhaust system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Exhaust lead through									
	double walled, bended, stainless steel									
	Da = 24		■							1320364A
	Exhaust lead through									
	double walled, straight, stainless steel									
	Da = 24		■							1320363A
	Insulating sleeve									
	L = 120, W = 108, glass fabric, for exhaust silencers 1320841A, 1320895A and 1320488A	■	■	■	■					1320848A
	Exhaust silencer									
	Di = 24,5, Da = 56, L = 1800, L1 = 650, L2 = 850		■							1322001A
	Di = 38, L = 1000, outside with partial fiberglass insulation					■	■			1321823A
	Exhaust silencer									
	Da = 38, L = 206, W = 57, steel, surface protection zinc powder paint for temperatures up to 600 °C					■	■			1320840A
	Exhaust silencer									
	Da = 38, L = 270, stainless steel					■	■			1321397A

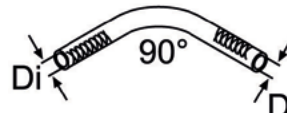
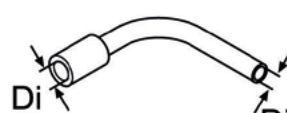
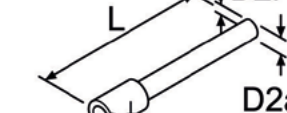
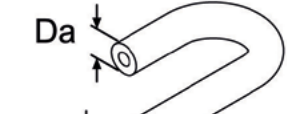

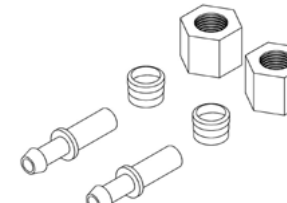
Exhaust system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Exhaust silencer									
	Da = 22, with condensate drain, stainless steel	■		■	■					1320488A
	Da = 22, L = 170, W = 85, H = 45, stainless steel	■		■	■					1320895A
	Da = 22, L = 170, W = 85, H = 45, zinc powder paint surface protection for temperatures up to 650 °C, stainless steel	■		■	■					1320841A
	Da = 24, L = 170, W = 85, H = 45, steel, zinc powder paint surface protection for temperatures up to 650 °C		■							1320372A
	End fixing kit									
	for flexible pipe Di 22 mm	■		■	■					1317567A
	Spacer ring for exhaust pipe									
	Di = 25, Da = 48, W = 21, for flexible pipe									
	2 pieces	■		■	■					1317812A
	Insulating tape									
	L = 50000, W = 60, white, fabric silicate, temperature up to 1050 °C, 2 mm thick	■	■	■	■	■	■	■	■	1320357B
	Exhaust mounting kit									
	Di = 42, with pipe clamp and 2 brackets						■			9035487A

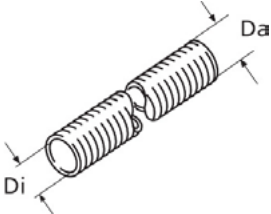
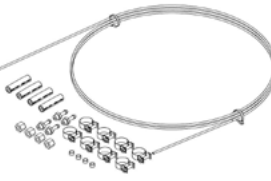

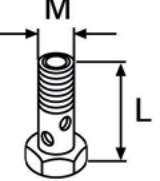

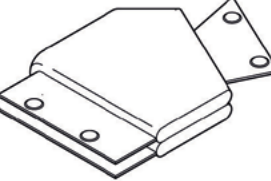
Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Connecting hose									
	Di = 5, Da = 12, L = 50, rubber	■	■	■	■	■				1320857A
	Di = 7.5, Da = 12.5, L = 70, black	■	■	■	■	■	■	■		1322451A
	Di = 7.5, Da = 13.5, L = 60, elastomere with textile inlay, black	■	■	■	■	■	■	■		1322457A
	Fuel hose									
	Di = 4.5, Da = 9, L = 5000, DBL 6256.10	■	■	■	■	■				1321500A
	Di = 4.5, Da = 9, L = 10000	■	■	■	■	■				1321502A
	Di = 4.5, Da = 10.5, L = 5000, VOME-resistant	■	■	■	■	■				1321612B
	Di = 4.5, Da = 10.5, L = 10000, VOME-resistant	■	■	■	■	■				1321613A
	Di = 4.5, Da = 10.5, L = 20000, black	■	■	■	■	■				1321710A
	Di = 5, Da = 10, L = 5000						■	■	■	1321559A
	Di = 5, Da = 10, L = 10000						■	■	■	1321560A
	Di = 6, Da = 11, L = 5000						■	■	■	1321563A
	Di = 6, Da = 11, L = 25000						■	■	■	1321564A
	Di = 6, Da = 12, L = 10000, black, PME resistant						■	■	■	9036443A
	Di = 7.5, Da = 13.5, L = 1000, elastomere with textile inlay, black						■	■	■	1321527A
	Di = 8, Da = 13, L = 20000, elastomere with textile inlay						■	■	■	1321688B
	Fuel hose									
	Di = 2, Da = 5									
	L = 3000, PA12 ETFE, black	■	■	■	■	■				9030543A
	L = 6000, PA12 ETFE, black	■	■	■	■	■				9030542A
	L = 8000, PA12 ETFE, black	■	■	■	■	■				9030538A
	L = 11000, PA12 ETFE, black	■	■	■	■	■				9030540A
	L = 100000, PA12 ETFE, black	■	■	■	■	■				9030532A
	L = 5000, PA9T-PA12, black	■	■	■	■	■				1321772A
	L = 100000, PA 12, for RVM diesel applications, transparent	■	■	■	■	■				9030734A
	Fuel hose									
	Di = 4.5, Da = 10.5, L = 50, PME-resistant, 20 pieces	■	■	■	■	■				9023450A

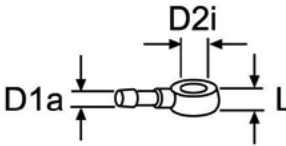
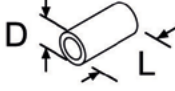
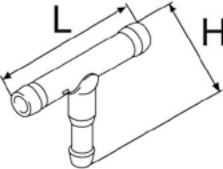
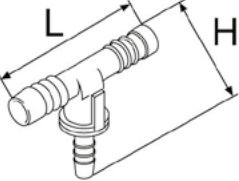
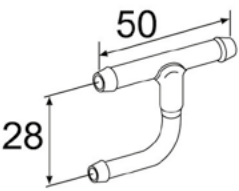
Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Molded hose 90°									
	Di = 4.5, Da = 10.5, 90°									
	VOME-resistant	■	■	■	■	■				9023384A
	Molded hose 90° with reduction									
	D1i = 4.5									
	D2i = 3.5, PME-resistant	■	■	■	■	■				1319677A
	Molded hose with reduction									
	D1i = 4.5, D2i = 3.5, D1a = 10.5, D2a = 9.5, L = 50, PME-resistant	■	■	■	■	■				1320862A
	Molded hose 180°									
	Di = 4.5, Da = 10.5	■	■	■	■	■				1319686A
	Fuel hose kit									
	Di = 4.5, Da = 10, L = 50, kit fuel hose, 5 connecting pipes, 10 pipe clamps, VOME-resistant	■	■	■	■	■				1322837A
	Connection parts									
	2 compression rings BS-8, 2 pipe nozzle junctions 8-6, 2 coupling nuts A3-L8						■			9038207B

Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Flexible heat protection hose									
	GA-A									
	Di = 14,5, Da = 16,5, L = 5000	■	■	■	■	■				1321585B
	Di = 14,5, Da = 16,5, L = 20000	■	■	■	■	■				1321584B
	Di = 28, Da = 31, L = 2000	■	■	■	■	■				1322650A
	Di = 28, Da = 31, L = 20000	■	■	■	■	■				1317127A
	Fuel line kit									
	Da = 5, L = 5000									
	Di = 1.5, stainless steel	■	■	■	■	■				1320860A
	Fuel line kit with connecting hoses, screws and clips, stainless steel	■	■	■	■	■				66958B
	Seal ring									
	DIN 7603, A 14 x 18, 12 pieces, copper						■	■	■	9024082A
	Banjo bolt									
	L = 25, M10 x 1 connection thread, steel, zinc coated						■	■	■	1320999A
	L = 51, steel, zinc coated, M10 x 1 connection thread, for 2 banjo fittings						■	■	■	1319267A
	Fuel connection kit									
	2 Banjo bolts 10-3, 2 banjo connections M 14 x 1.5, 4 sealing rings, 2 hose clamps D12						■	■	■	9035486A
	Mini jacket fuel pump protector									
	Protection device for fuel pumps with mufflers, required by ISO 7840 if the fuel system is installed in engine rooms	■	■	■	■	■				1319522A

Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Banjo									
	D2i = 10, L = 10, steel, zinc coated									
	D1a = 5	■	■	■	■	■				1320747A
	D1a = 6						■	■	■	1321062B
	Support sleeve									
	Da = 7, L = 36, for reinforcing plastic pipes	■	■	■	■	■				1320164A
	Fuel extractor, T-piece kit									
	L = 50, steel, zinc coated									
	H = 33, 5 x 5 x 5	■	■	■	■	■				1321996A
	H = 33, 8 x 6 x 8						■	■	■	9035126A
	H = 35, 8 x 5 x 8	■	■	■	■	■				1320573A
	H = 35, 10 x 6 x 10						■	■	■	9035128A
	H = 36, 6 x 5 x 6	■	■	■	■	■				1320572A
	H = 37, 12 x 6 x 12						■	■	■	9035129A
	H = 37, 10 x 5 x 10	■	■	■	■	■				1320804A
	H = 37, 12 x 5 x 12	■	■	■	■	■				1320805A
	Fuel extractor, T-piece kit									
	plastic									
	H = 28, 5 x 5 x 5, 5 pieces	■	■	■	■	■				1325262A
	L = 50, H = 29, 6 x 5 x 6	■	■	■	■	■				1321002A
	L = 50, H = 27, 8 x 5 x 8	■	■	■	■	■				1320192A
	L = 50, H = 28, 10 x 5 x 10	■	■	■	■	■				1321003A
	H-shaped fuel extractor									
	L = 50, steel, zinc coated, extraction at 90° elbow									
	H = 28, 6 x 5 x 6	■	■	■	■	■				1319520A
	H = 28, 8 x 5 x 8	■	■	■	■	■				1320574A
	H = 28, 10 x 5 x 10	■	■	■	■	■				1320806A
	H = 39, 12 x 5 x 12	■	■	■	■	■				1321776A

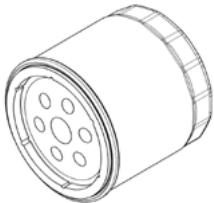

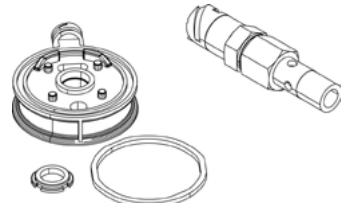
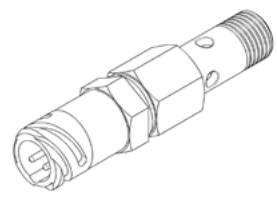
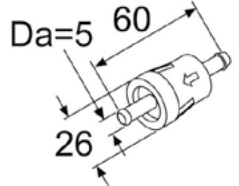
Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Tank extracting device, riser pipe									
	Di = 2.4, Da = 4.2, L2 = 440 mm inside tank, drilling diameter 6.5 mm, extractor connection piece, vertical, for mounting in tank fitting, suitable for plastic tank and metal tank, M6									
	L1 = 26, thread L = 16 mm, with clamps and 90° connection hose, stainless steel	■	■	■	■	■				1322743A
	L1 = 39, thread L = 23 mm, with clamps and 90° connection hose, stainless steel	■	■	■	■	■				1322645A
	FuelFix									
	Da = 17, L = 470	■	■	■	■	■				1317888A
	Tank extracting device									
	Di = 4, Da = 6, drilling diameter 8.5 mm, steel						■	■	■	9035099A
	Tank extractor									
	Di = 3, Da = 6, L = 322, plastic	■	■	■	■	■				1320413A
	Fuel extractor, T-piece kit									
	Fuel extractor for PME, plastic, T-piece 8 x 5 x 8, 2 fuel hoses 7.5 x 13.5, L = 60, 4 clamps	■	■	■	■	■				31277B
	Tank extracting device, riser pipe									
	Da = 6, L = 630, steel, zinc coated, with return, 90° extractor connection piece, for installation in metal tanks						■	■		1322830D

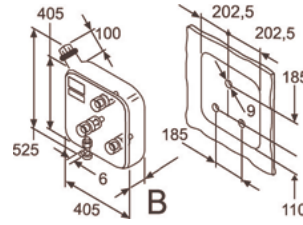
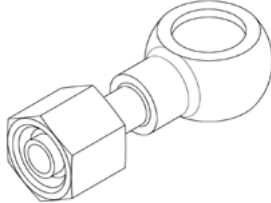
Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Tank extracting device									
	Da = 5, 90°, clamps and fuel hose pieces	■	■	■	■	■				1322632A
	Tank extracting device, riser pipe									
	Di = 2.6, Da = 5, L = 650, steel, zinc coated, 90° extractor connection piece, for installation in metal tanks	■	■	■	■	■				1320399A
	Di = 6, Da = 8, L = 500, steel, zinc coated, 90° extractor connection piece, for installation in metal tanks						■	■	■	1319372A
	Tank extracting device									
	Di = 2.4, Da = 4.2, steel, zinc coated, extractor connection piece angled at 90°, for mounting in tank fitting, suitable for plastic tank and metal tank, short riser pipe, M6									
	L = 26	■	■	■	■	■				1322827A
	L = 39	■	■	■	■	■				9008021A
	Tank extracting device									
	stainless steel, for fitting in tank ventilation line									
	Di = 12, L = 750	■	■	■	■	■				9041499A
	Da = 15, L = 500	■	■	■	■	■				1320836A
	Da = 16, L = 750	■	■	■	■	■				9045136A
	D1a = 18, L = 730	■	■	■	■	■				1321598B
	D1a = 20, L = 750	■	■	■	■	■				1321824B
	Fuel filter									
	Da = 76, H = 108, filter holder with interchangeable filter, KC 20						■	■	■	9036520A
	Interchangeable filter KC 102									
	can be used with holder of filter kit 9036520A or 9037295A, Successor of replacement filter KC74 (1320015A). Note deviating dimensions						■	■	■	9042634B

Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Fuel filter KC20									
	for filter kit 9036520A						■	■	■	9036522A
	Retrofit heating adapter									
	D1a = 75, H = 25, heating adapter with sealings						■	■	■	9036523A
	Heating adapter									
	heating adapter, temperature switch, 3-pin electrical connector, sealings						■	■	■	9037295A
	Temperature switch									
	L = 83,5, copper alloy, opens at 0,5°C +/- 2,5°C, closes at 5,5°C +/- 2,5°C, M14 x 1,5 connection thread						■	■	■	9036519A
	Fuel filter kit									
	Da = 5, L = 60									
	plastic, transparent, 10 pieces	■	■	■	■	■				9035270B
	plastic, transparent	■	■	■	■	■				1319466A

Fuel system

		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Fuel tank									
	L = 405, 24 liters, only for heaters with fuel pumps, with assembly kit, plastic PE-LD	■	■	■	■	■	■			1322531A
	L = 405, 12 liters, only for heaters with fuel pumps, plastic PE-LD	■	■	■	■	■	■			1322707C
	installation kit, for 12-liter tank 1322707B, with hose coupling	■	■	■	■	■	■			9025761A
	cap for fuel tank	■	■	■	■	■	■			9024193A
	Air vent valve kit for fuel tank	■	■	■	■	■	■			9043929A
	Ring fitting with union nut									
	Ring fitting with union nut M14						■	■	■	9041597A

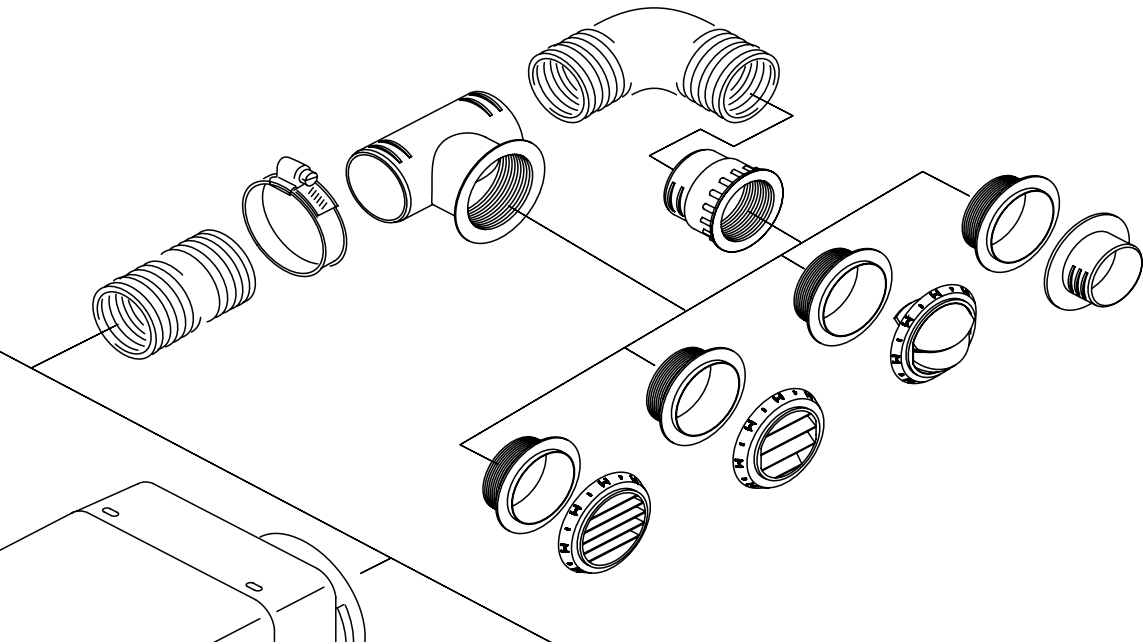
Hot air system

Advantages and features

Webasto offers a wide range of components for air distribution with high flexibility to fit any application.

The advantages:

- Full range of mounting parts needed for any application
- Multiple combination possibilities to suit any application
- Coloured air outlets, black, white, grey and brown fitting to any interior
- Fast and easy installation, also in small spaces
- High temperature resistance from -40 °C up to +140 °C with PA6.6 GF30 glass fibre reinforced synthetic material



Webasto is not liable for applications made with non-Webasto air ducting parts, especially for parts not guaranteeing high temperature resistance.

Hot air system

Air flow resistance calculation





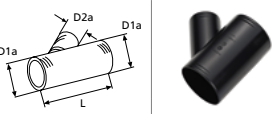
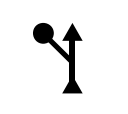
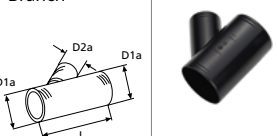

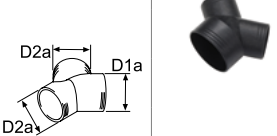
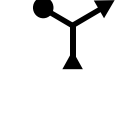
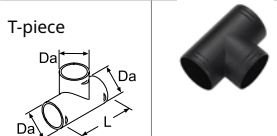
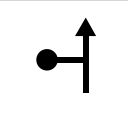
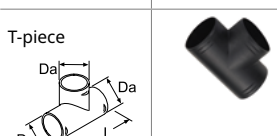
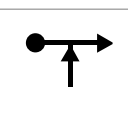
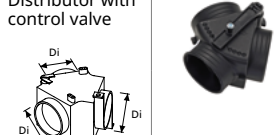
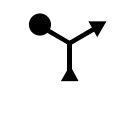
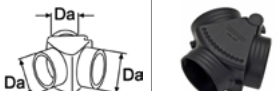

To ensure correct application with the correct air distribution system, it is important to have a continuous main line with openings that cannot be closed. The sum of the resistance points of the main line must not exceed the maximum number of resistance points for each air heater model. Lines branching off from the main line are not taken into account.

Consequently, the branches can also be designed with closable outlets. In the following table, several air ducting parts are listed. Exceeding the number of points (excessive air resistance of the heating air system) is detected by the heater after starting. For safety reasons, continuous heating operation is then no longer possible and the heater switches to control pause.

			Air Top 2000 STC: max. 325 resistance points			Air Top Evo 40: max. 550 resistance points Air Top Evo 55: max. 375 resistance points		
			55 / 60 mm inlet			80 / 90 mm inlet		
			Dim. in mm	Points	Id.	Dim. in mm	Points	Id.
Intake grill / grille			60	24	1320163A	90	65	1310581A
Flexible tubing per meter			55	30	various	80	27	various
			60	27	various	90	25	various
Additional points for elbow in flexible tube			55	10	various	80	7	various
			60	8	various	90	6	various
Air ducting silencer			-	-	-	90	24	1321734A
			-	-	-	90	16	1320996A
Reducing adapter air intake						90 > 80	45	1320186A
Reducing adapter			60 > 55	27	1320127A	80 > 55	223	1319477A
			-	-	-	90 > 60	211	1320760A
			-	-	-	90 > 80	45	1320185A
			-	-	-	90 > 80	45	1320925A
Hose connector			55	12	1319473A	80	5	1319476A
			60	10	1320469A	90	5	1319869A

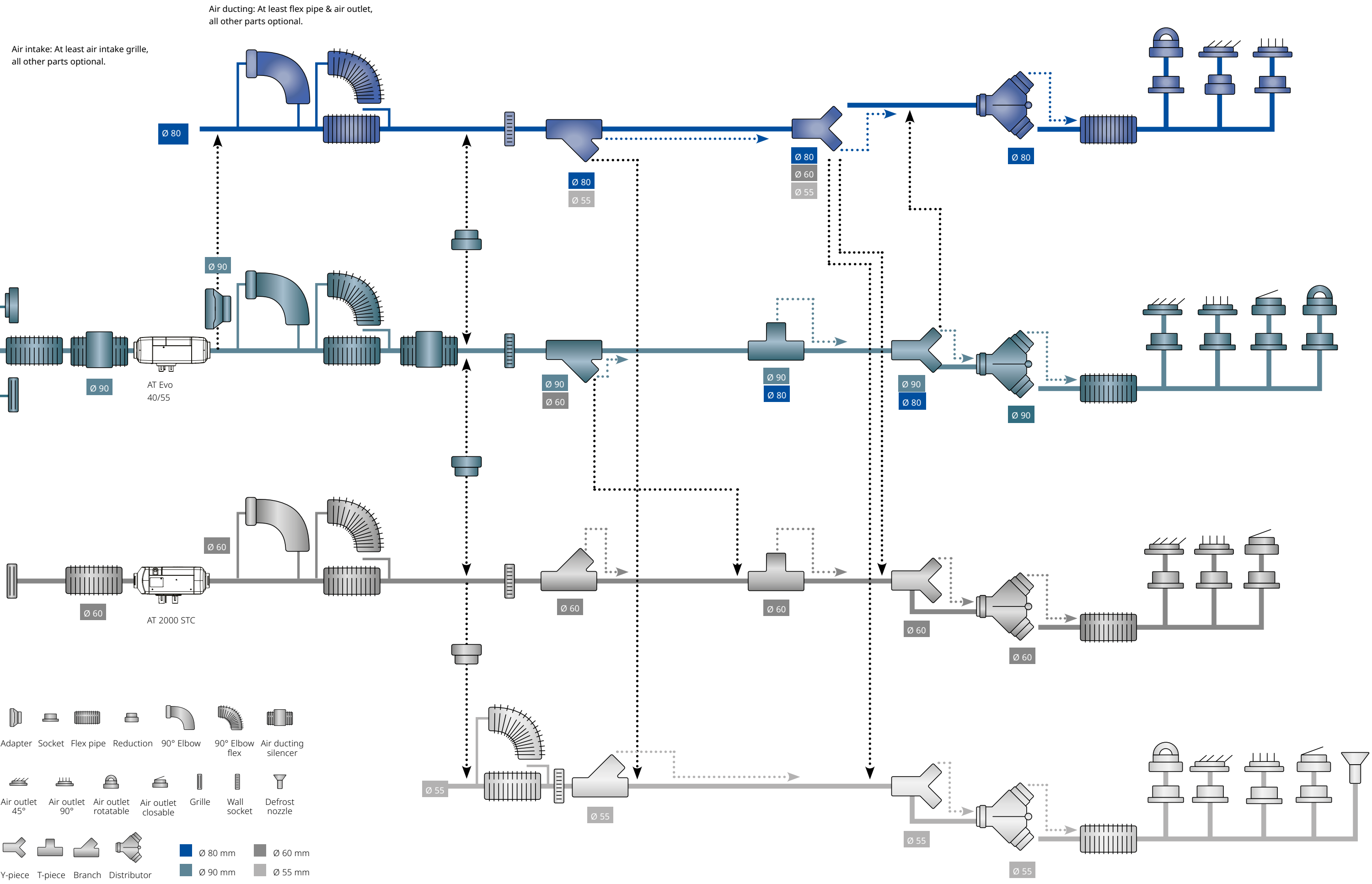
Hot air system

Air flow resistance calculation

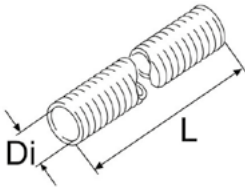
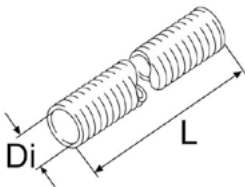
			Air Top 2000 STC: max. 325 resistance points			Air Top Evo 40: max. 550 resistance points Air Top Evo 55: max. 375 resistance points		
			55 / 60 mm inlet			80 / 90 mm inlet		
			Dim. in mm	Points	Id.	Dim. in mm	Points	Id.
Elbow for air outlet			60	35	1320124A	-	-	-
Elbow			-	-	-	80	50	1319272A
			-	-	-	90	77	1320706A
Branch			55 / 55 / 55	10	1321019A	80 / 55 / 80	8	1319479A
			60 / 60 / 60	9	1320472A	80 / 80 / 80	9	1319315A
			-	-	-	90 / 60 / 90	8	1320707A
			-	-	-	90 / 60 / 90	8	1321034A
Branch			55 / 55 / 55	22	1321019A	80 / 55 / 80	230	1319479A
			60 / 60 / 60	21	1320472A	80 / 80 / 80	50	1319315A
			-	-	-	90 / 60 / 90	228	1320707A
			-	-	-	90 / 60 / 90	228	1321034A
Y-piece			60 / 60 / 60	20	1320814A	80 / 55 / 55	230	1320753A
			-	-	-	80 / 60 / 60	201	1320471A
			-	-	-	80 / 80 / 80	50	1320375A
			-	-	-	90 / 90 / 90	42	1320470A
T-piece			60 / 60 / 60	13	1320474A	90 / 90 / 90	13	1320473A
T-piece			60 / 60 / 60	63	1320474A	90 / 90 / 90	61	1320473A
Distributor with control valve			55 / 55 / 55	19	1319224A	80 / 80 / 80	21	1319214A
			60 / 60 / 60	20	1320352A	90 / 90 / 90	21	1320926A
			55 / 55 / 55	21	1319416A	80 / 80 / 80	50	1319212A

			Air Top 2000 STC: max. 325 resistance points			Air Top Evo 40: max. 550 resistance points Air Top Evo 55: max. 375 resistance points		
			55 / 60 mm inlet			80 / 90 mm inlet		
			Dim. in mm	Points	Id.	Dim. in mm	Points	Id.
Threaded T-piece			60 / 60 / 60	8	1320476A	90 / 60 / 90	11	1320475A
Threaded T-piece			60 / 60 / 60	36	1320476A	90 / 60 / 90	254	1320475A
Rotatable air outlet			Ø 60 / black	24	1322405A	-	-	-
Closeable air outlet			Ø 55 / black	64	1320812A	-	-	-
			Ø 60 / black	59	9012300A			
			Ø 60 / white	59	9012301A	Ø 90 / white	50	1320713A
			Ø 60 / grey	59	9012302A	Ø 90 / black	50	1320355A
			Ø 60 / brown	59	1320208A	Ø 90 / grey	50	1320714A
Outlet 45°			Ø 55 / 45° / black	142	107836	Ø 80 / 45° / black	136	107984
			Ø 60 / 45° / black	139	9012294A	Ø 90 / 45° / black / pivoted	134	1320956A
			Ø 60 / 45° / white	139	9012295A	Ø 90 / 45° / black	134	1320709A
			Ø 60 / 45° / grey	139	9012296A	Ø 90 / 45° / white	134	1320710A
			Ø 60 / 45° / brown	139	1320761A	Ø 90 / 45° / grey	134	1320354A
Outlet 90°			Ø 55 / 90° / black	37	101625	-	-	-
			Ø 60 / 90° / black	35	9012297A	Ø 80 / 90° / black	35	1322710A
			Ø 60 / 90° / white	35	9012298A	Ø 90 / 90° / black	33	1320932A
			Ø 60 / 90° / grey	35	9012299A	Ø 90 / 90° / grey	33	1320712A
			Ø 60 / 90° / brown	35	1320762A	Ø 60 / 90° / white	33	1320711A
Wall socket			55	10	1319417A	80	11	1319471A
			55	10	1320063A	90	12	1320924A
			60	10	1320923A	-	-	-
Wall socket with air outlet			60	24	1322634A	-	-	-
Air intake grille			60	139	1319269A	80	137	1319269A
				-	-	90	134	1319269A

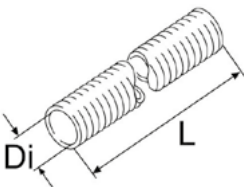
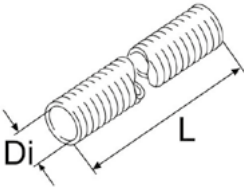
Air ducting combination possibilities:




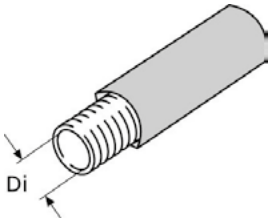
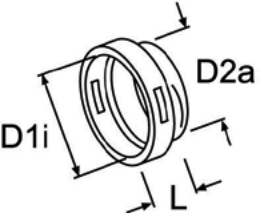
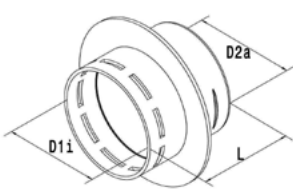
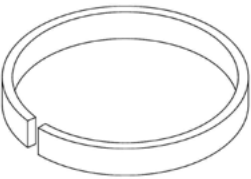
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Flexible pipe, 55 mm, suitable only with adapter			
	Di = 55			
	L = 2000, APK, black	■	■	1315889A
	L = 2000, PAK, grey	■	■	1321580B
	L = 5000, APK, black	■	■	1321573B
	L = 10000, APK, black	■	■	1322082A
	L = 10000, PAK	■	■	1321701B
	L = 25000, APK, black	■	■	1311891C
	Flexible pipe, 60 mm, suitable for Air Top 2000 STC, for other heaters with adapter			
	Di = 60			
	L = 2000, APK, black	■	■	1321574B
	L = 2000, PAK, grey	■	■	1321504A
	L = 5000, APK, black	■	■	1321575C
	L = 10000, APK, black	■	■	1322083C
	L = 10000, PAK, black	■	■	1321692B
	L = 10000, PAK, grey	■	■	1321727C
	L = 20000, PAK, black	■	■	1321697B
	L = 25000, APK, black	■	■	1311892C
	L = 25000, PAK, grey	■	■	1311898C

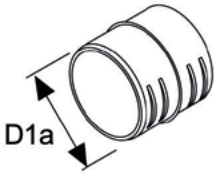
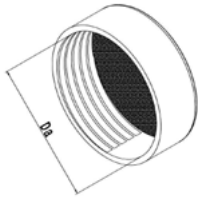
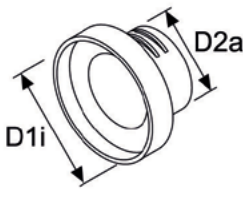
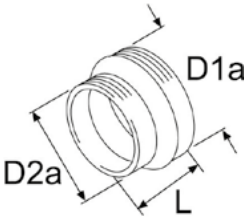
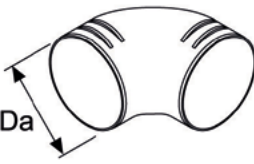
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Flexible pipe, 80 mm, suitable only with adapter			
	Di = 80			
	L = 1000, AA, grey	■	■	1321531A
	L = 2000, APK, black	■	■	1321576C
	L = 2000, PAK, grey	■	■	1321582B
	L = 5000, APK, black	■	■	1321577B
	L = 10000, AA, grey	■	■	1321533A
	L = 10000, APK, black	■	■	1321718C
	L = 10000, PAK	■	■	1322147B
	L = 10000, PAK, grey	■	■	1321729B
	L = 25000, APK, black	■	■	1311893C
	L = 25000, PAK, grey	■	■	1311900C
	Flexible pipe, 90 mm, suitable for Air Top Evo 40/55, for other heaters with adapter			
	Di = 90			
	L = 2000, APK, black	■	■	1321578C
	L = 2000, PAK, grey	■	■	1321506B
	L = 5000, APK, black	■	■	1321579C
	L = 5000, PAK, grey	■	■	1321508A
	L = 10000, APK, black	■	■	1321719C
	L = 10000, PAK, grey	■	■	1321731C
	L = 25000, APK, black	■	■	1311894C
	L = 25000, PAK, grey	■	■	1311902C


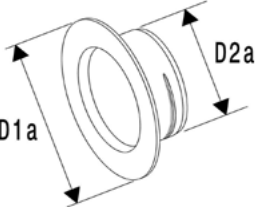
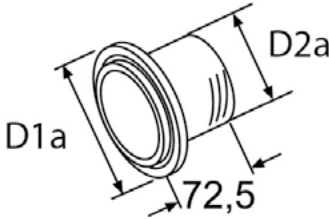
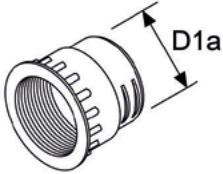
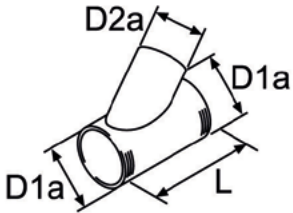
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Elbow			
	Di = 80.5, Da = 79, L = 115, steel, corrosion-resistant, 90°	■	■	1319272A
	Insulated hose			
	L = 12000, PAK			
	Di = 80	■	■	1321515A
	Di = 90	■	■	1321517A
	Adapter for heater connection			
	D1i = 90, D2a = 80, L = 40, plastic		■	1320186A
	Adapter for heater connection			
	D1i = 60, D2a = 75, L = 40, plastic	■		1321005A
	Adapter ring			
	Di = 55, Da = 60, aluminium	■	■	1320224A

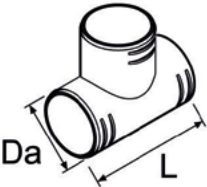
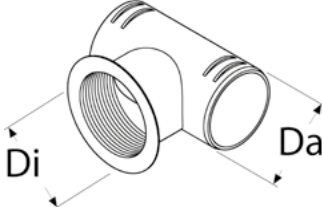
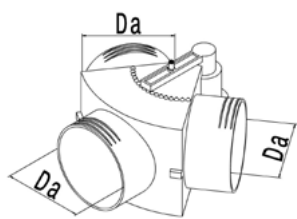
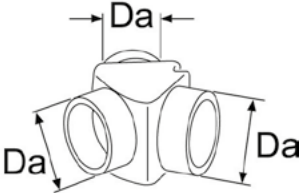
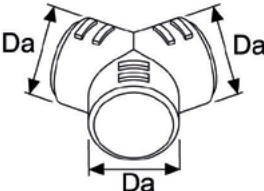
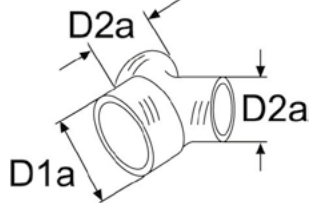
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Double fitting			
	plastic, for connecting flexible pipes, black			
	D1a = 55, L = 55	■	■	1319473A
	D1a = 60, L = 51	■	■	1320469A
	D1a = 80, L = 75	■	■	1319476A
	D1a = 90, L = 51	■	■	1319869A
	End cap			
	plastic, black			
	Da = 60	■	■	1320477A
	Da = 90	■	■	1319870A
	Extension adapter			
	D1i = 90, for connecting flexible pipes, in connection with union nut 1320468A, plastic, black			
	D2a = 60, L = 59	■	■	1320760A
	D2a = 80, L = 50	■	■	1320925A
	Reduction adapter			
	plastic, for connecting flexible pipes, black			
	D1a = 60, D2a = 55, L = 35	■	■	1320127A
	D1a = 80, D2a = 55, L = 82	■	■	1319477A
	D1a = 90, D2a = 80, L = 45	■	■	1320185A
	Elbow			
	Da = 90, plastic, black	■	■	1320706A

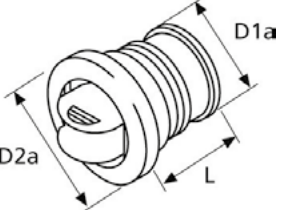
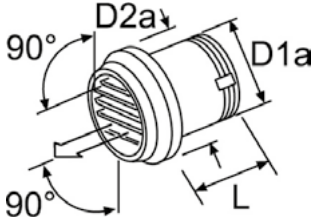



Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Hot air elbow 90° for heater connection			
	Di = 60, Da = 60, plastic, black	■	■	1320124A
	Wall feed-through			
	plastic, black			
	D1a = 85, D2a = 55	■	■	1319417A
	D1a = 90, D2a = 60	■	■	1320923A
	Adapter wall socket			
	L = 72.5, plastic, black			
	D1a = 90, D2a = 55	■	■	1320063A
	Union nut			
	L = 60, plastic, black			
	D1a = 60, in combination with 60 mm air outlet	■	■	1320922A
	Junction fitting			
	45°			
	D1a = 55, D2a = 55, L = 137, plastic, black	■	■	1321019A
	D1a = 60, D2a = 60, L = 145, plastic, black	■	■	1320472A
	D1a = 80, D2a = 55, L = 151, plastic, black	■	■	1319479A
	D1a = 80, D2a = 80, L = 186, plastic, black	■	■	1319478A
	D1a = 80, D2a = 80, L = 370, steel, corrosion-resistant	■	■	1319315A
	D1a = 90, D2a = 60, L = 146, plastic, black	■	■	1320707A
	D1a = 90, D2a = 60, L = 185, plastic, black	■	■	1321034A

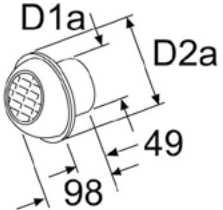
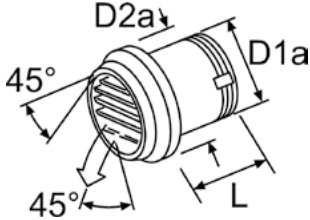
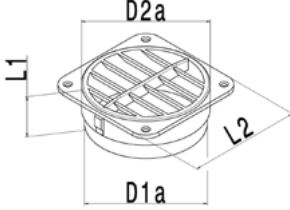
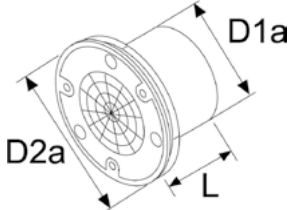
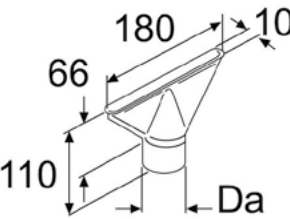

Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	T-piece			
	L = 110, plastic, black			
	Da = 60	■	■	1320474A
	T-piece			
	Di = 60, black			
	Da = 60, L = 100, plastic, in combination with 60 mm air outlet, with thread	■	■	1320476A
	Distributor Y-unit			
	plastic, black			
	Da = 55, with remote control flap valve	■	■	1319224A
	Distributor Y-unit			
	plastic, black			
	Da = 55	■	■	1319416A
	Distributor Y-unit			
	plastic, black			
	Da = 60	■	■	1320814A
	Air outlet 45° rotatable			
	plastic, black			
	D1a = 80, D2a = 55	■	■	1320753A
	D1a = 80, D2a = 60	■	■	1320471A
	D1a = 90, D2a = 80	■	■	1320375A


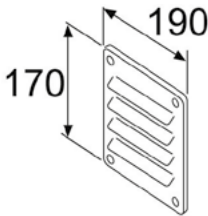
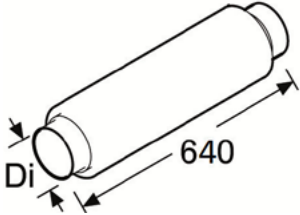
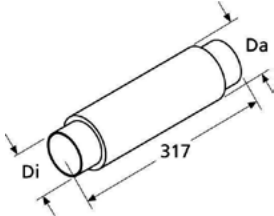
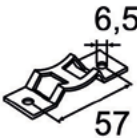
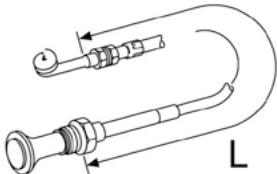
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Air outlet D2a = 100, L = 63, black, plastic, lockable, with wall feed through, use for secondary flow only			
	D1a = 55	■	■	1320812A
	D1a = 70	■	■	1319946A
	Air outlet L = 65, plastic, insert grid, straight, rotating, 90°, black			
	D1a = 55, D2a = 87	■	■	101625
	D1a = 80, D2a = 110	■	■	1322710A
	Air outlet plastic, through flow with bushing, 45°			
	D1a = 60, D2a = 85, L = 31.5, black	■	■	9012294A
	D1a = 60, D2a = 85, white	■	■	9012295A
	D1a = 60, D2a = 85, grey	■	■	9012296A
	D1a = 60, D2a = 85, brown	■	■	1320761A
	D1a = 90, D2a = 115, grey	■	■	1320354A
	D1a = 90, D2a = 115, black	■	■	1320709A
	D1a = 90, D2a = 115, white	■	■	1320710A
	Air outlet lockable, with wall feed through			
	D1a = 60, D2a = 85, black, plastic	■	■	9012300A
	D1a = 60, D2a = 85, white, plastic	■	■	9012301A
	D1a = 60, D2a = 85, grey, plastic	■	■	9012302A
	D1a = 60, D2a = 85, brown	■	■	1320208A
	D1a = 90, D2a = 115, black, plastic	■	■	1320355A
	D1a = 90, D2a = 115, white, plastic	■	■	1320713A
	D1a = 90, D2a = 115, grey, plastic	■	■	1320714A
	Air outlet plastic, 90°, with wall feed through			
	D1a = 60, D2a = 85, brown	■	■	1320762A
	D1a = 60, D2a = 85, black	■	■	9012297A
	D1a = 60, D2a = 85, white	■	■	9012298A
	D1a = 60, D2a = 85, grey	■	■	9012299A
	D1a = 90, D2a = 115, white	■	■	1320711A
	D1a = 90, D2a = 115, grey	■	■	1320712A
	D1a = 90, D2a = 115, black	■	■	1320932A

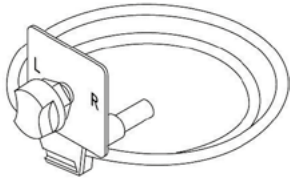
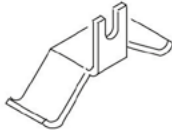
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Air outlet D1a = 60, D2a = 92, black, plastic, rotatable, with ball-shape outlet, black	■	■	1322405A
	Air outlet L = 65, plastic, rotatable, black			
	D1a = 55, D2a = 90, 45°	■	■	107836
	D1a = 80, D2a = 110	■	■	107984
	Air outlet D1a = 90, D2a = 120, L1 = 65, L2 = 108, drilling diameter = 95 mm, plastic, through flow with bushing, 45°, black	■	■	1320956A
	Air outlet D1a = 60, D2a = 97, L = 50, plastic, axiale flow, with wall feed through, black	■	■	1322634A
	Demist nozzle Da = 55, steel, corrosion-resistant	■	■	1319470A
	Protective screen for intake and outlet openings of heater, plastic, black			
	Di = 60	■		1320163A
	Di = 90		■	1310581A

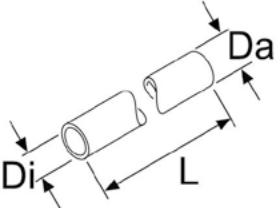
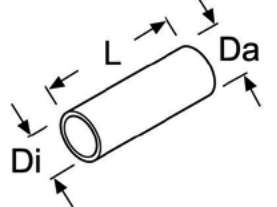
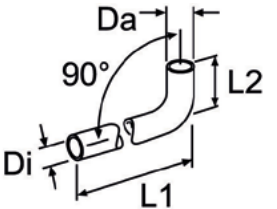
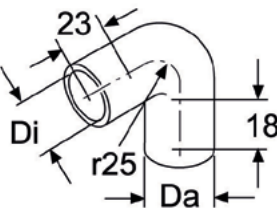
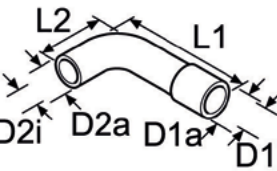
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Protective screen Di = 60, for flex tube intake, rubber	■		1320173A
	Louvre plate L = 190, H = 170, aluminium, for air intake only	■	■	1319269A
	Air ducting silencer Di = 90, L = 640, aluminium / plastic	■	■	1321734A
	Air ducting silencer Di = 90, Da = 122, L = 317, plastic, black	■	■	1320996A
	Console 10 pieces	■	■	1321044A
	Control cable with grip and outer sleeve, for Y-pieces L = 850 L = 1500	■ ■	■ ■	1320785A 1320786A

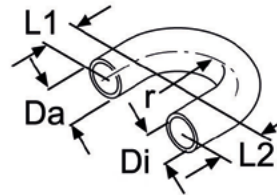
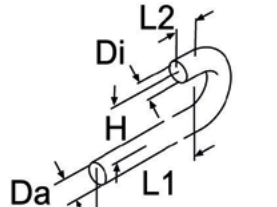
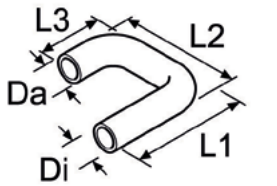
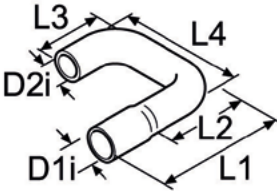
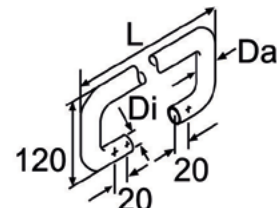
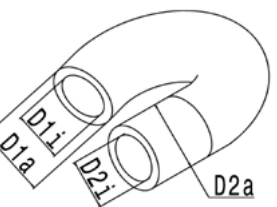
Hot air system

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Control device for distributor L = 2000, for Y-pieces, with control butterfly valve	■	■	1319868A
	Clamp For bowden cable 1320785A and 1320786A	■	■	1319688A

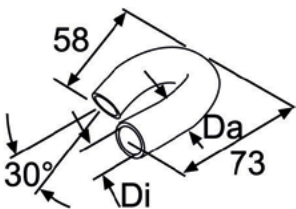
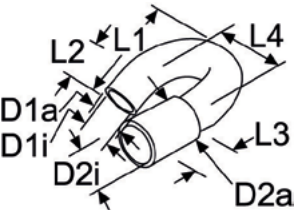
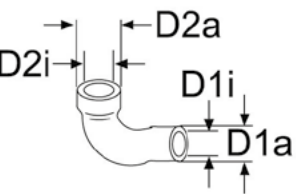
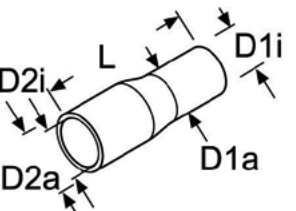
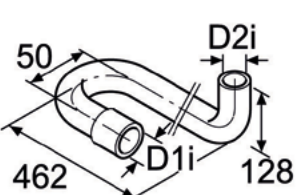
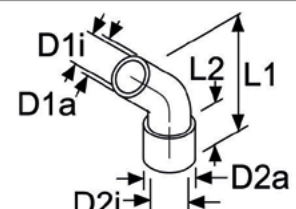
Water system

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Hose								
	EPDM, black								
	Di = 15, Da = 22, L = 2400	■	■	■	■	■			1320300A
	Di = 18, Da = 25, L = 2000	■	■	■	■	■			1322423A
	Di = 18, Da = 25, L = 20000	■	■	■	■	■			1316941A
	Di = 20, Da = 27, L = 380	■	■	■	■	■			1320960A
	Hose								
	Di = 38, Da = 47, L = 65, silicone						■	■	1319789B
	Molded hose 90°								
	Di = 15, Da = 22, L1 = 1020, L2 = 50, 90°, black	■	■	■	■	■			1320789A
	Di = 18, Da = 25, L1 = 136, L2 = 92, 90°, black	■	■	■	■	■			1320907A
	Di = 18, Da = 25, L1 = 500, L2 = 47, 90°, black	■	■	■	■	■			1319953A
	Di = 18, Da = 25, L1 = 1020, L2 = 50, 90°, black	■	■	■	■	■			1320794A
	Di = 20, Da = 27, L1 = 60, L2 = 55, 90°, black	■	■	■	■	■			1319673A
	Di = 20, Da = 27, L1 = 70, L2 = 70, 90°, black	■	■	■	■	■			1319839A
	Di = 20, Da = 27, L1 = 130, L2 = 48, 90°, black	■	■	■	■	■			1320147A
	Di = 20, Da = 27, L1 = 360, L2 = 20, 90°, black	■	■	■	■	■			1320961A
	Di = 20, Da = 27, L1 = 615, L2 = 56, 90°, black	■	■	■	■	■			1320197A
	Di = 38, Da = 47, L1 = 70, L2 = 105, silicone, 90°						■	■	1319934A
	Molded hose 90°								
	Di = 18, Da = 25, 90°	■	■	■	■	■			1319418A
	Molded hose 90°								
	D1i = 20, D2i = 18, D1a = 27, D2a = 25, black								
	L1 = 70, L2 = 70	■	■	■	■	■			1320870A
	L1 = 151, L2 = 55, 90°	■	■	■	■	■			1320201A

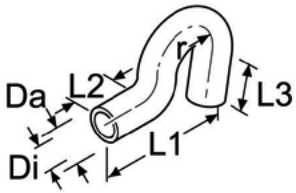
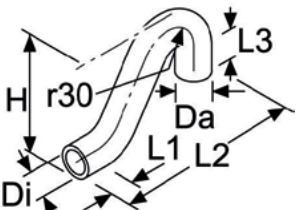
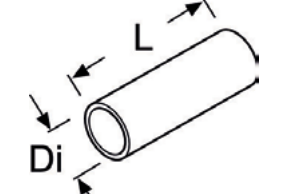
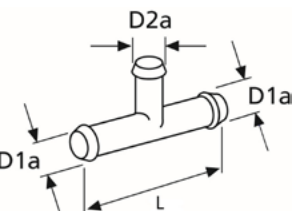
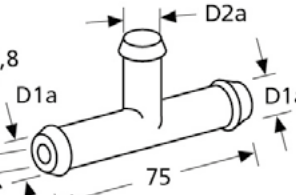
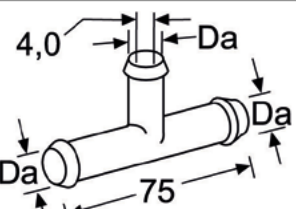
Water system

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Molded hose 180°								
	180°, black								
	Di = 18, Da = 25, L1 = 18, L2 = 18, r = 25 mm	■	■	■	■	■			1319401A
	Di = 20, Da = 27, L1 = 40, L2 = 64, r = 24 mm	■	■	■	■	■			1319623A
	Molded hose 180°								
	180°								
	Di = 15, Da = 22, L1 = 580, L2 = 20, H = 75	■	■	■	■	■			1320790A
	Di = 18, Da = 25, L1 = 580, L2 = 20, H = 75	■	■	■	■	■			1319421A
	Di = 18, Da = 25, L1 = 1100, L2 = 20, H = 75	■	■	■	■	■			1322496A
	Di = 20, Da = 27, L1 = 88, L2 = 64, H = 47	■	■	■	■	■			1320913A
	Molded hose 180°								
	180°, black								
	Di = 18, Da = 25, L1 = 110, L2 = 20, H = 54	■	■	■	■	■			1322493A
	Di = 20, L1 = 190, L2 = 113	■	■	■	■	■			1322473A
	Molded hose 180°								
	D1i = 20, D2i = 15, D1a = 27, D2a = 22, L1 = 55, L2 = 20, L3 = 55, L4 = 65, 180°, black	■	■	■	■	■			1320901A
	Molded hose 360°								
	360°								
	Di = 18, Da = 25, L = 2200	■	■	■	■	■			1319455A
	Di = 18, Da = 25, L = 3000	■	■	■	■	■			1320783A
	Di = 20, Da = 27, L = 2200	■	■	■	■	■			1319268A
	Di = 20, Da = 29, L = 2230, with increased wall thickness	■	■	■	■	■			1319631A
	Molded hose 180°								
	D1i = 20, D2i = 20, D1a = 28, D2a = 28, 180°	■	■	■	■	■			1320156A

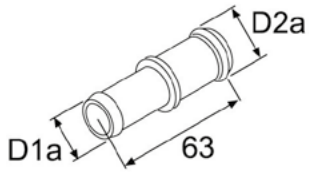

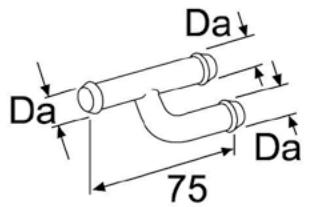
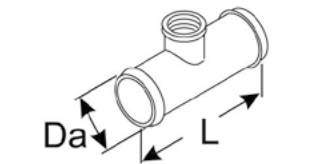
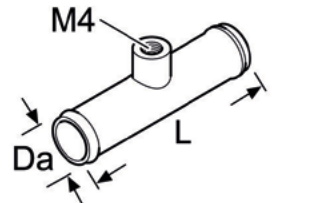
Water system

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Molded hose 180° Di = 18, Da = 25, 180°	■	■	■	■	■			1319419A
	Molded hose 180° D1i = 15, D2i = 20, D1a = 22, D2a = 27, L1 = 95, L2 = 30, L3 = 45 mm, L4 = 40 mm, 180°, black	■	■	■	■	■			1321812A
	Molded hose with reduction D1i = 15, D2i = 18, D1a = 22, D2a = 25, 90°, with reduction	■	■	■	■	■			1319402A
	Molded hose with reduction D1i = 18, D2i = 20, D1a = 25, D2a = 27, L = 60 D1i = 28, D2i = 38, D1a = 37, D2a = 47, L = 100, silicone, with reduction D1i = 32, D2i = 38, D1a = 41, D2a = 47, L = 70, silicone	■	■	■	■	■			1320856A 1320374A 1319942A
	Molded hose with reduction D1i = 20, D2i = 15, D1a = 27, D2a = 22, with reduction	■	■	■	■	■			1319866A
	Molded hose with reduction D1i = 18, D2i = 15, D1a = 25, D2a = 22, L1 = 62, L2 = 31.5, with reduction	■	■	■	■	■			1320871A

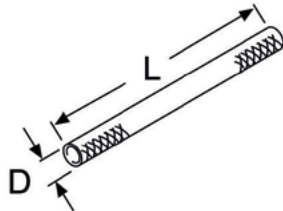
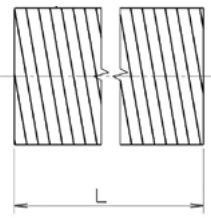
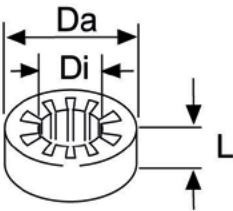
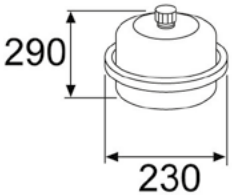
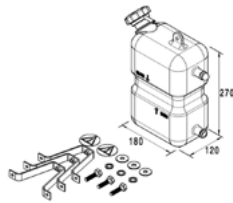
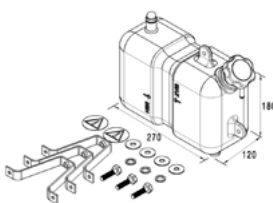
Water system

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Molded hose Di = 18, Da = 25, L1 = 95, L2 = 25, L3 = 20 mm, r = 30 mm, black	■	■	■	■	■			1320758A
	Molded hose Di = 18, Da = 25, L1 = 140, L2 = 20, H = 70, r = 30 mm, L3 = 25 mm, black	■	■	■	■	■			1320900A
	Heat shrinkable hose Di min = 19, Di max = 38, wall thickness 1 mm, shrinkage rate 2:1, operating temperature range -55 °C to +125 °C L = 100 L = 250 L = 5000	■	■	■	■	■			1322452A 1322501A 1321590A
	T-piece D1a = 15, D2a = 15, L = 75, plastic, black D1a = 18, D2a = 18, L = 75, plastic, black D1a = 20, D2a = 20, L = 80, plastic, black D1a = 20, D2a = 25, L = 100, aluminium	■	■	■	■	■			1327573A 1321001A 9044046A 1328140B
	T-piece D1a = 20, D2a = 20, L = 75, brass, with restrictor, restrictor diameter 5.8 mm	■	■	■	■	■			1319817A
	T-piece Da = 18, L = 75, brass, with restrictor, restrictor diameter 4 mm	■	■	■	■	■			1319800A

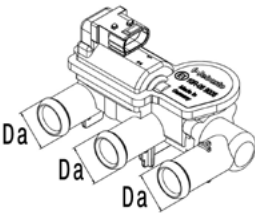
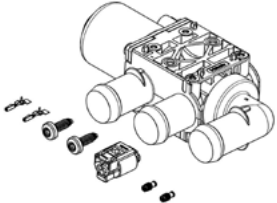
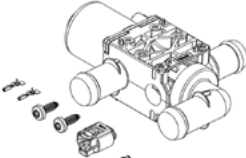
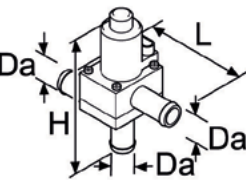
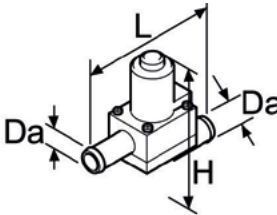
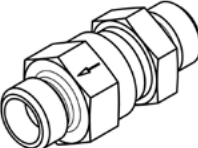
Water system

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Connecting pipe								
	L = 63								
	D1a = 15, D2a = 18, plastic, 20 pieces, black	■	■	■	■	■			9005813B
	D1a = 15, D2a = 20, plastic, 10 pieces, black	■	■	■	■	■			1321000A
	D1a = 16, D2a = 18, 10 pieces, black	■	■	■	■	■			1321125A
	D1a = 17, D2a = 20, plastic, black	■	■	■	■	■			1320143A
	D1a = 18, D2a = 18, plastic, 2 pieces	■	■	■	■	■			1322834A
	D1a = 18, D2a = 18, plastic, 10 pieces, black	■	■	■	■	■			9006211A
	D1a = 18, D2a = 20, plastic, 2 pieces	■	■	■	■	■			9029195A
	D1a = 18, D2a = 20, plastic, 10 pieces, black	■	■	■	■	■			9005819C
	D1a = 18, D2a = 22, plastic, black	■	■	■	■	■			1320155A
	D1a = 20, D2a = 14, aluminium	■	■	■	■	■			1319722A
	D1a = 20, D2a = 20, plastic, black	■	■	■	■	■			1320342A
	D1a = 20, D2a = 22, plastic, black	■	■	■	■	■			1319594A
	Connecting pipe								
	plastic, black								
	Da 18/18 mm, 5 pieces	■	■	■	■	■			1321082A
	Da 18/20 mm	■	■	■	■	■			1322277A
	Connecting pipe, y-type								
	Da = 18, L = 75, steel, corrosion-resistant	■	■	■	■	■			1319266A
	Connecting pipe with thread								
	Da = 18, L = 100, M22x1.5, steel, corrosion-resistant, for thermostat	■	■	■	■	■			1320792A
	Connecting pipe with thread								
	L = 65, M4, steel, corrosion-resistant, for thermostat	■	■	■	■	■			1319263A
	Da = 18	■	■	■	■	■			1319519A

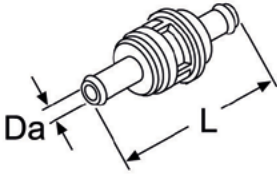
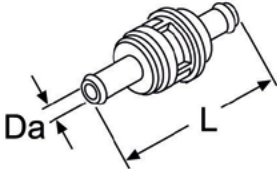
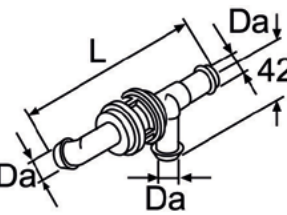
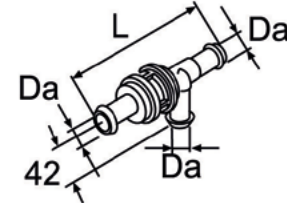
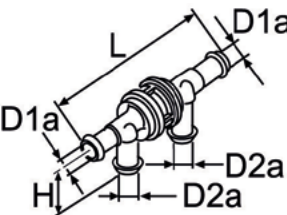
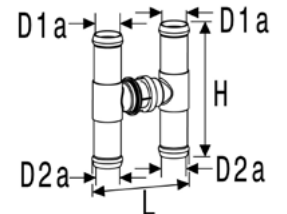
Water system

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Braided protection hose								
	Di = 24, polyester, chafing guard for water hoses 22-35 mm								
	L = 1500	■	■	■	■	■			1322409A
	L = 2000	■	■	■	■	■			1322513A
	L = 5000	■	■	■	■	■			1321596B
	L = 25000	■	■	■	■	■			1321597B
	Flexible heat protection pipe								
	Di = 28, L = 1200, GA-A	■	■	■	■	■			1322406A
	Rubber ring (anti-chafing device)								
	not permitted for exhaust systems, elastomer								
	Di = 13.5, Da = 31, L = 15, 5 pieces	■	■	■	■	■			1321063A
	Di = 20.5, Da = 40, L = 20	■	■	■	■	■			1312785A
	Di = 22, Da = 46.5, L = 20	■	■	■	■	■			1322884A
	Di = 25.5, Da = 45, L = 20	■	■	■	■	■			1312780A
	Pressure expansion tank								
	8 l, prepressure 0.5 bar, red	■	■	■	■	■	■	■	1320545A
	Header tank vertical								
	L = 180, W = 120, H = 270, 5 liter, net content 3 liter, vertical, made of polypropylene for high temperature resistance, tank kit includes 3 stainless steel mounting brackets	■	■	■	■	■	■	■	9024038A
	Header tank horizontal								
	L = 270, W = 120, H = 180, 5 liter, net content 3 liter, horizontal, made of polypropylene for high temperature resistance, tank kit includes 3 stainless steel mounting brackets	■	■	■	■	■	■	■	9024039A

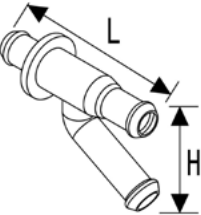
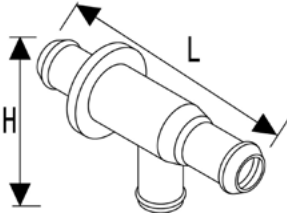
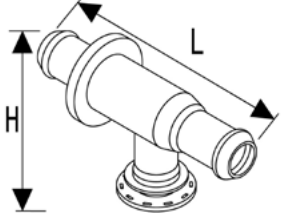
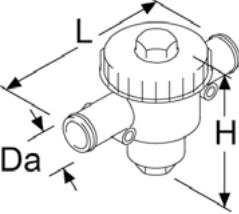
Valve

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	3/2 way coolant motor valve								
	Da = 20, V = 12	■	■	■	■	■	■	■	9039358B
	Da = 20, V = 24	■	■	■	■	■	■	■	1326899A
	Plug kit for 3-2 way valve, bushing housing MPC 2.8 2-pole, 2 contacts, 2 wire seals								9043713A
	3/2 way magnetic valve								
	incl. socket housing 2-pin, 2 seals, 2 bushing contacts, 2 EJOT-PT-screws, for 18 mm hose		■	■	■				1328173A
	3/2 way magnetic valve								
	incl. socket housing 2-pin, 2 seals, 2 bushing contacts, 2 EJOT-PT-screws, for 18 mm hose		■	■	■				1328168A
	Electric valve 3/2 way								
	Da = 18, L = 84, W = 55, H = 101, V = 12, metal / plastic, 3/2-way, normally open	■	■	■	■	■			9014606A
	Electric valve 2/2 way								
	Da = 20, L = 106, H = 100, V = 12, metal / plastic, 2/2-way, normally open, operating temperature -40 to 85 °C	■	■	■	■	■			1319981A
	Check valve								
	opening pressure 0.2 bar, max pressure 25 bar, operating range -40 -+100°C, connection M14 x 1.5					■			9035523A

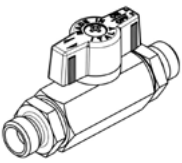
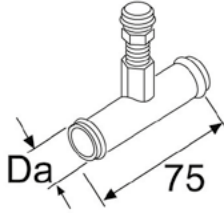
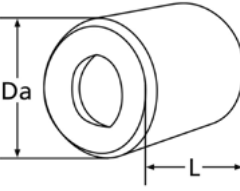
Valve

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Check valve								
	plastic, with leak hole, black								
	Da = 15, L = 104	■	■	■	■	■			1320239A
	Da = 18, L = 90	■	■	■	■	■			1319250A
	Check valve								
	plastic, without leak hole, black								
	Da = 10, L = 59	■	■	■					1320838A
	Da = 18, L = 100	■	■	■	■	■			1319484A
	Check valve								
	Da = 18, L = 104, without leak hole, plastic, black	■	■	■	■	■			1319264A
	Check valve								
	Da = 18, L = 104, without leak hole, plastic, black	■	■	■	■	■			1320563A
	Check valve								
	D1a = 18, D2a = 18, L = 146, H = 42, without leak hole, plastic, black	■	■	■	■	■			1319485A
	Check valve								
	D1a = 18, D2a = 18, L = 82, H = 82, without leak hole, plastic, black	■	■	■	■	■			1319255A

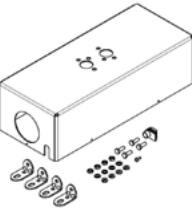
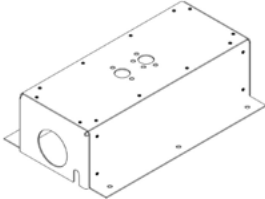
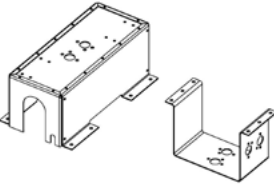
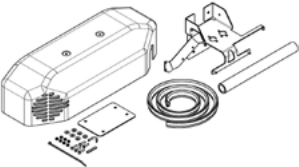
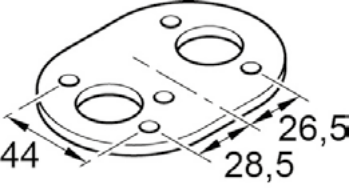
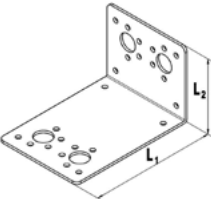
Valve

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Check valve								
	L = 94								
	Da = 18, H = 42	■	■	■	■	■			1327550A
	Da = 20, H = 43	■	■	■	■	■			1327551A
	Check valve								
	Da = 18, L = 94, H = 52, double check valve ball-type T	■	■	■	■	■			1327549A
	Check valve								
	Da = 18, L = 94, H = 46, double check valve ball-type for heater connection	■	■	■	■	■			9043408A
	Shutoff valve								
	Da = 38								
	L = 200, W = 85,5, H = 131, polyamid PA66, operating pressure -0.5 to 4 bar, fluid temperature -30 to 110 °C, weight 0.5 kg, with filter						■	■	1319931A
	exchange filter of shutoff valve 1319931A						■	■	1319710A

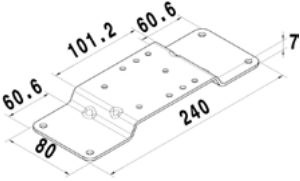
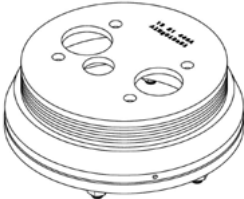
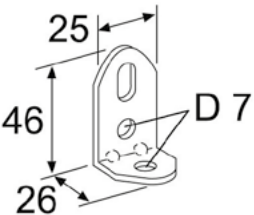
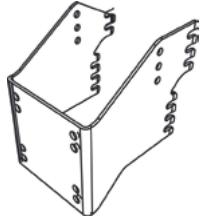
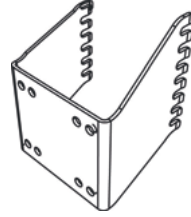

Valve

		eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Low pressure ball valve								
	connection M14 x 1.5 / DIN 3852-2-A with 2 sealing rings					■			9035522A
	Bleeding valve								
	L = 75, with bleeding valve, steel, corrosion-resistant								
	Da = 15	■	■	■	■	■			1319221A
	Da = 18	■	■	■	■	■			1319219A
	Da = 20	■	■	■	■	■			1320989A
	Check valve								
	check valve								
	Da = 18,5, L = 30, for 18 mm hoses	■	■	■					1329243A
	Da = 21, L = 25, for 20 and 21 mm hoses	■	■	■	■	■			9044045B

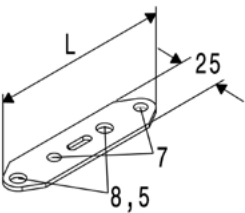

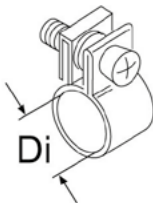
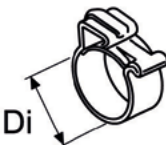
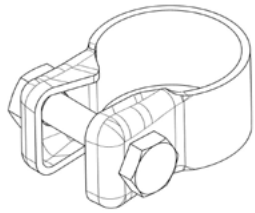
Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Installation box steel, enables additional installation options, with mounting parts	■									86032A
	Installation box stainless steel, with mounting parts	■									1311609B
	Installation box stainless steel, with mounting parts		■								9016392B
	Air Top box stainless steel / plastic, for front mounting air heaters on commercial vehicle bodies, with holder and mounting parts	■	■								9005942B
	Reinforcement plate stainless steel, for reinforcement on thin body panels	■	■								1320995A
	Heater bracket L1 = 157, L2 = 112, W = 130, stainless steel 3 mm, suitable for various installation options	■	■								1319936A

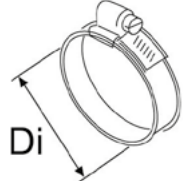
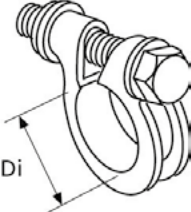
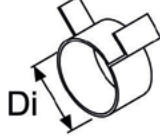
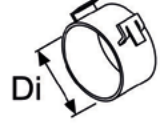
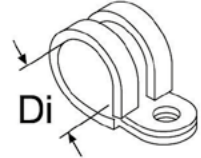
Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Heater bracket sheet metal				■	■					1321940A
	Spacer bracket H = 35, aluminium / steel, for mounting air heaters on the vehicle floor, overall height of 35 mm, suitable for very thick carpets / mats / insulation or other cladding	■	■								1321444A
	Mounting bracket L = 46, W = 25 stainless steel, 10 pieces steel, zinc coated, 10 pieces										
		■	■	■	■	■	■	■	■	■	1320264A
		■	■	■	■	■	■	■	■	■	1320232A
	Holder steel, corrosion-resistant, for horizontal installation			■	■	■					1320495A
	Holder steel, corrosion-resistant, for vertical installation			■	■	■					1320494A
	Plate holder			■							9044175A


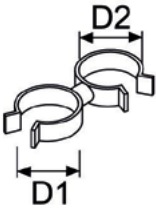
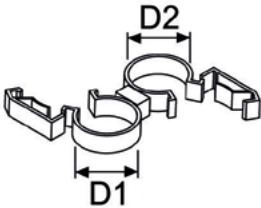
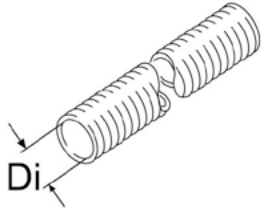
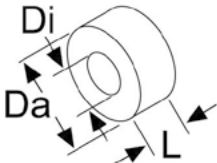
Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Mounting strip										
	W = 25, steel, zinc coated, 10 pieces										
	L = 100	■	■	■	■	■	■	■	■	■	9007918A
	L = 160	■	■	■	■	■	■	■	■	■	9041117A
	Holder										
	steel, corrosion-resistant, standard holder				■	■				■	1320500A
	Hose clip										
	steel, corrosion-resistant, bolt head with hexagon and cross-head slot										
	Di = 8, 20 pieces	■	■	■	■	■	■	■	■	■	1320244A
	Di = 9	■	■	■	■	■	■	■	■	■	1320492A
	Di = 10, 50 pieces	■	■	■	■	■	■	■	■	■	9023037A
	Di = 12, 20 pieces	■	■	■	■	■	■	■	■	■	1320246A
	Di = 14, 20 pieces	■	■	■	■	■	■	■	■	■	1320245A
	Cailleau hose clip										
	stainless steel										
	Di 5.2 - 6.5 mm, 5 pieces	■	■	■	■	■	■				9011638A
	Di 6.6 - 8 mm, size 8, 10 pieces	■	■	■	■	■	■				9011660A
	Di 9.5 - 11 mm, size 9, 10 pieces	■	■	■	■	■	■				9011661A
	Di 10.5 - 11.5 mm, size 10, 10 pieces	■	■	■	■	■	■				9011656A
	Exhaust clamp										
	W = 16, for flexible exhaust pipe, stainless steel										
	Di 24 - 26 mm	■		■	■	■					1320103A
	Di 24 - 26 mm, with carriage bolt	■		■	■	■					1320165A
	Di 26 - 28 mm, nut, welded		■								1320220A

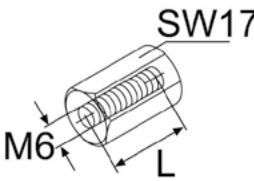
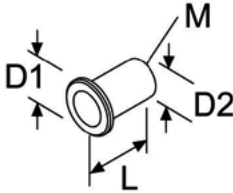

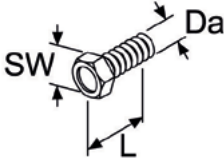

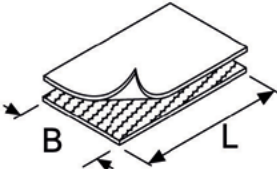
Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Hose clip										
	W = 12, stainless steel										
	Di 16 - 25 mm, 20 pieces	■	■	■	■	■	■				1320248A
	Di 16 - 27 mm, 10 pieces	■	■	■	■	■	■				9015918A
	Di 23 - 35 mm, 20 pieces	■	■	■	■	■	■				1320271A
	Di 32 - 50 mm, 10 pieces	■	■	■	■	■	■	■	■		1321064A
	Di 40 - 60 mm	■	■	■	■	■	■	■	■		1320746A
	Di 60 - 80 mm	■	■	■	■	■	■	■	■		9026066A
	Di 70 - 90 mm	■	■	■	■	■	■	■	■		1320081A
	Di 80 - 100 mm, 10 pieces	■	■	■	■	■	■	■	■		9043258A
	Di 90 - 110 mm	■	■	■	■	■	■	■	■		1320085A
	Di 100 - 120 mm	■	■	■	■	■	■	■	■		1331206A
	Pipe clamp										
	steel, corrosion-resistant, with screw, for flexible exhaust pipe										
	W = 10.5, Di = 24 ... 27	■		■	■	■					1320815A
	W = 11.5, Di = 30 ... 33		■								1320203A
	W = 12.5, Di = 33 ... 36						■				9043234A
	W = 13.5, Di = 39 ... 42						■	■			1320194A
	Spring band clamp Type B										
	W = 12, 10 pieces, stainless steel, grey										
	Di = 25	■	■	■	■	■	■				9009019A
	Di = 27	■	■	■	■	■	■				9009018A
	Spring band clamp Type E										
	W = 12, space-saving clip, 10 pieces, steel, corrosion-resistant, black										
	Di = 22, E2	■	■	■	■	■	■				9011662A
	Di = 25, E2	■	■	■	■	■	■				9009022A
	Fastening clamp										
	chromed steel with rubber, 6.5 mm fastening hole										
	Di = 18, W = 15	■	■	■	■	■	■	■	■		1320042A
	Di = 34, W = 15	■	■	■	■	■	■	■	■		1319701A
	Di = 34, W = 20, 10 pieces	■	■	■	■	■	■	■	■		1320236A
	Di = 35, W = 20, 5 pieces	■	■	■	■	■	■	■	■		9022835A
	Di = 48, W = 15, 5 pieces	■	■	■	■	■	■	■	■		9023387A

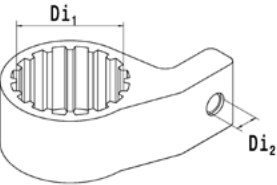
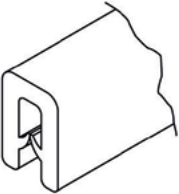
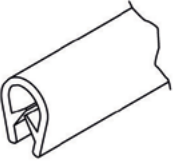
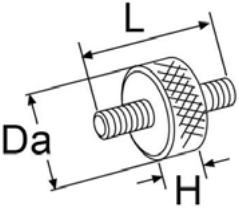
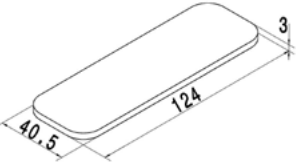
Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Fastening clamp										
	W = 15, chromed steel, 6,5 mm fastening hole										
	Di = 25, 10 pieces	■	■	■	■	■	■	■	■	■	9023007A
	Di = 28, 5 pieces	■	■	■	■	■	■	■	■	■	1320277A
	Di = 42, 5 pieces	■	■	■	■	■	■	■	■	■	1320276A
	Hose and cable holder										
	plastic, 5 pieces, black										
	D1 = 8 - 9; D2 = 22 - 24	■	■	■	■	■	■	■	■	■	1321051A
	D1 = 10 - 12, D2 = 19 - 24,5	■	■	■	■	■	■	■	■	■	9010999A
	D1 = 22 - 24, D2 = 22 - 24	■	■	■	■	■	■	■	■	■	9011000A
	Hose and cable holder										
	D1 = 27, D2 = 27, locking, 5 pieces, plastic, black	■	■	■	■	■	■	■	■	■	9010997A
	Flexible pipe										
	Di = 9,9, L = 1800, black transparent	■	■	■	■	■	■	■	■	■	1314140A
	Spacer bushing										
	aluminium										
	Di = 7, Da = 18, L = 8	■	■	■	■	■	■	■	■	■	1320091A
	Di = 8, Da = 20, L = 5	■	■	■	■	■	■	■	■	■	1320498A
	Di = 8, Da = 20, L = 8	■	■	■	■	■	■	■	■	■	1320499A
	Di = 8, Da = 20, L = 10	■	■	■	■	■	■	■	■	■	1320496A
	Di = 8, Da = 20, L = 15	■	■	■	■	■	■	■	■	■	1320090A
	Di = 8, Da = 20, L = 20	■	■	■	■	■	■	■	■	■	1320088A
	Di = 8, Da = 20, L = 30	■	■	■	■	■	■	■	■	■	1320089A
	Di = 8, Da = 20, L = 40	■	■	■	■	■	■	■	■	■	1319533A



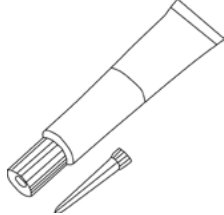
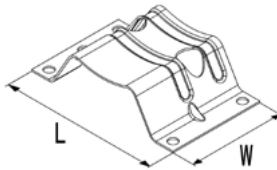
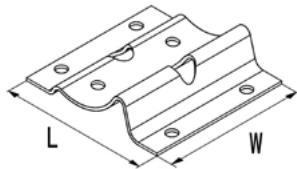
Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Spacer nut										
	steel, corrosion-resistant, SW = 17, M6										
	L = 20, 10 pieces	■	■	■	■	■	■	■	■	■	1320241A
	L = 30	■	■	■	■	■	■	■	■	■	1320083A
	Blind rivet nut										
	L = 14,5, D1 = 12 mm, D2 = 9 mm, M6 x 15,5, aluminium, 10 pieces	■	■	■	■	■	■	■	■	■	9011635B
	Blind rivet nut										
	M 8, hexagon, Da = 16 mm, L = 16 mm, 5 pieces	■	■	■	■	■	■	■	■	■	9009017A
	EJOT PT screw										
	Da = 6, L = 22, SW = 10, steel, zinc coated, 10 pieces	■	■	■	■	■	■	■	■	■	9011669A
	Pin lock										
	Da = 12,5, L = 0,5, steel, corrosion-resistant, M6, 10 pieces	■	■	■	■	■	■	■	■	■	9011659A
	Dual lock velcro strip										
	L = 50, W = 25, plastic, self-adhesive, black	■	■	■	■	■	■	■	■	■	1320202A

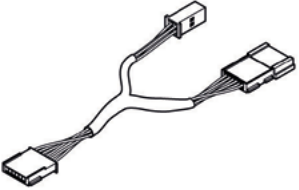
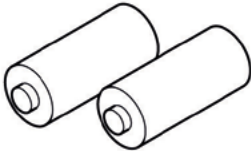
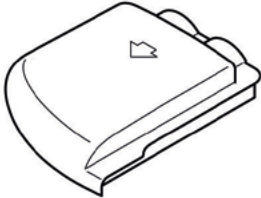
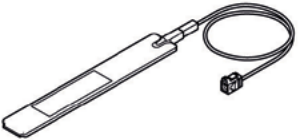

Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Fuel pump holder D1i = 35, D2i = 6.5, rubber, 3 pieces, black	■	■	■	■	■	■	■	■	■	1320193A
	Edge protector L = 500, with wire coil, sheet thickness 1 to 4 mm	■	■	■	■	■	■	■	■	■	1319778A
	Edge protector L = 700, with wire coil, sheet thickness 1 to 4 mm	■	■	■	■	■	■	■	■	■	1320093A
	Anti-vibration mount Da = 25, L = 34, H = 10, M6, not suitable for fastening heaters, 5 pieces L = 34, M8, not suitable for fastening heaters, 5 pieces Da = 30, L = 39, H = 15, 5 pieces, M8, not suitable for fastening heaters	■	■	■	■	■	■	■	■	■	9023020A 9041391A 1319553A
	Foam layer Foam strip self-adhesive, 50 pieces	■	■	■	■	■	■	■	■	■	1321793A

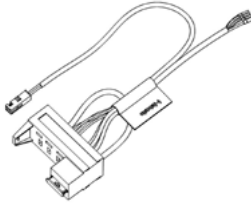

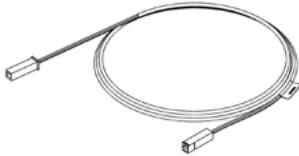

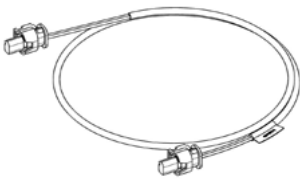
Mounting parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Information sign Label warning for refueling car, self-adhesive	■	■	■	■	■	■	■	■	■	9044508A
	Protective wax 600 ml, for corrosion protection, transparent	■	■	■	■	■	■	■	■	■	1321337B
	Securing lacquer red, 20 ml, for nuts and bolts	■	■	■	■	■	■	■	■	■	1320535A
	Stand coolant pump L = 99, W = 68	■	■	■	■	■	■	■	■	■	1319643A
	Stand coolant pump L = 98, W = 71	■	■	■	■	■	■	■	■	■	1319700A

Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
Spare parts for control elements											
	Y adapter for wiring harness										
	Y-adapter wiring harness for retrofitting aftermarket controls to OE Teletstart, generic				■						1319873A
	Y-adapter wiring harness for retrofitting aftermarket controls to OE Teletstart, for VW, Audi, Skoda, Seat, with blue connectors				■						1320931A
Battery											
	12 V alkaline, for transmitter, for T70/80/90, 2 pieces	■	■		■		■				9000393A
Battery cover											
	for T70/80/90, black	■	■		■		■				1321127A
Adhesive antenna for T90/T91/T100 HTM											
	L = 2500, for remote controls T90/T91/T100 HTM	■	■		■		■				1319848A
GSM-Antenna											
	GSM-Antenna Thermo Call for TC4	■	■		■	■	■				7100354B

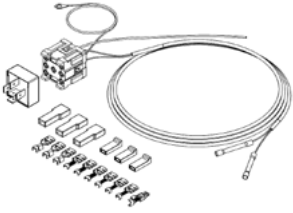
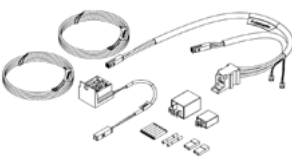
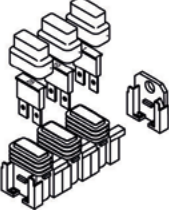
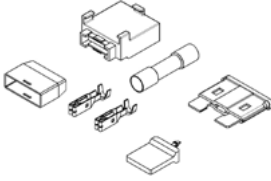
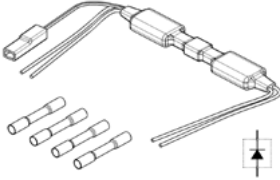
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
Wiring											
	Wiring harness relay / fuse holder				■						1320658A
Wiring harness vehicle fan											
	L = 1600							■			1321993A
Expansion kit 4-pole standard plug											
	for extension cable 4 pin, for control panel, e.g. MultiControl										
	L = 1800	■	■		■	■	■	■			1319724A
	L = 3000	■	■		■	■	■	■		■	9031988A
Extension wiring harness DP40/42											
	for fuel pump DP 40/42										
	L = 3000	■	■		■	■	■				1319526A
	L = 5000	■	■		■	■	■				1321836A
	L = 7000	■	■		■	■	■				1319527A
Wiring harness coolant pump											
	L = 400			■	■	■					1320306A
	L = 600			■	■	■					1319967A
	L = 1500			■	■	■					1320307A

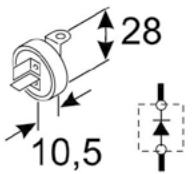
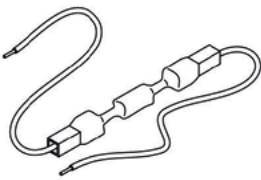
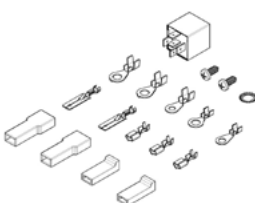
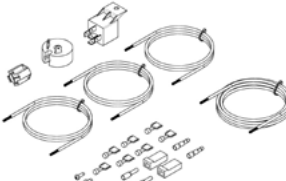
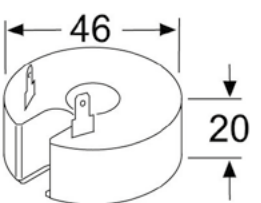
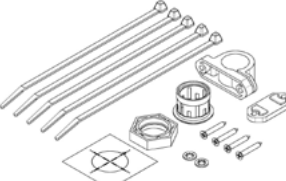
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Wiring harness coolant pump adapter										
	L = 150, adapter 3-pin to 2-pin			■	■	■					9042264A
	Main supply cable 230 V										
	V = 230, black										
	L = 2500			■							1325978B
	L = 3500			■							1325985B
	L = 5000										1325980B
	L = 10000			■							1325981B
	Main supply cable angled 230V										
	L = 2500, V = 230, black, angled			■							1325979B
	Extension cable										
	L = 1500, V = 230, orange, with locking washer			■							1325983A
	Power adapter vehicle (blower)										
		■	■		■	■	■				1320328A
	Wiring harness										
	L = 4500, bushing housings 2 pin, 4 pin, 12 pin							■			9034537A

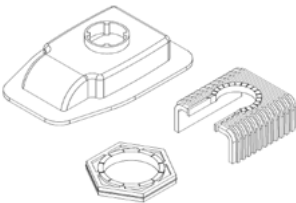
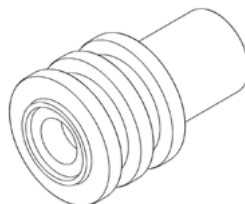
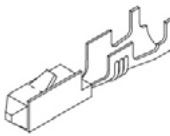
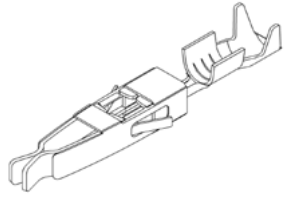
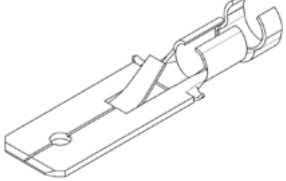
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
Kits											
	Blower control kit										
	400 Hz, 8 V				■						9029440A
	Kit electrics 12V climate										
	LIN-PWM gateway and micro relay with sockets and harnesses				■						1330005A
	Fuse holder kit										
	watertight, replaces triple fuse holder on heater wiring harness, contents: 3 1320313A fuse holders and mounting parts (without fuses and mounting bases), plastic, black	■	■	■	■	■	■	■	■	■	1321809A
	Fuse holder kit										
	A = 5, fuse 5A with fuse holder, cover, flat spring contacts and butt connector	■	■	■	■	■	■	■	■	■	9006205A
	Diode capsule kit										
	one-way diode, 1 A maximum, with 4 butt connectors	■	■	■	■	■	■	■	■	■	1319843A

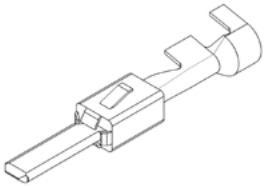
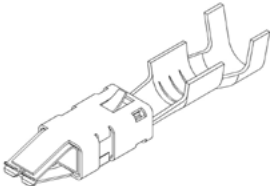
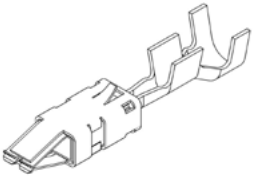
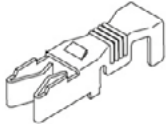
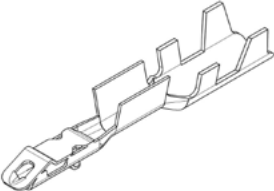
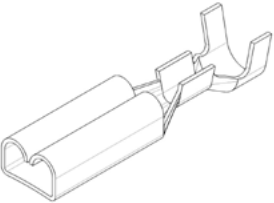
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Diode capsule										
	one-way diode										
	capsule, 3 A maximum, 6.3 mm connector	■	■		■	■	■	■			1319414A
	1 A maximum, 6.3 mm connector	■	■		■	■	■	■			1320537A
	Blocking diode										
	3 A, with connection cables	■	■	■	■	■	■	■	■	■	1320826A
	Bag electrics										
	with 5-pin relay and connectors										
	V = 12				■		■	■			9024914A
	V = 24					■	■	■			9024913B
	Resistance kit										
	W = 46, H = 20, resistance: 40 W, 0.9 Ω, with plugs and fastening parts	■	■		■	■	■				97981A
	Resistance										
	0.9 Ω, 40 W	■	■		■	■	■				1320591A
	Installation kit mounting cable										
	kit with clamps, spacer, expander, screws, locking washer, cable ties and drill guide			■							1325988A


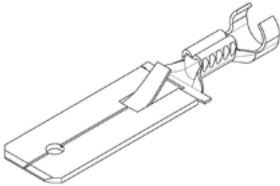
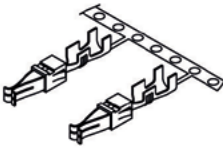

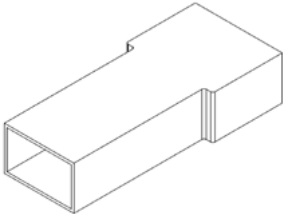
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Fixation for mounting cable										
	Fixation for mounting cable			■							9044179A
Pins											
	Single-wire seal										
	Da = 3.9, L = 7.6, 1.2 ... 2.1 mm², 12 pieces, grey	■	■	■	■	■	■	■	■	■	1321006A
	Da = 4, L = 7, blind plug, 12 pieces, light green	■	■	■	■	■	■	■	■	■	1321010A
	Da = 4.1, L = 9, 0.5 ... 0.75 mm², 20 pieces, green	■	■	■	■	■	■	■	■	■	9011955A
	Da = 5.4, L = 8, 0.35 ... 1.0 mm², 20 pieces, light blue	■	■	■	■	■	■	■	■	■	9011626A
	Da = 5.4, L = 8, 1.5 ... 2.5 mm², 10 pieces, white	■	■	■	■	■	■	■	■	■	9011627A
	Da = 5.6, L = 7.5, 1.2 ... 2.1 mm², 50 pieces, blue	■	■	■	■	■	■	■	■	■	1321807A
	Da = 5.6, L = 8, 2 ... 2.8 mm², for MTA-fuse holder, 20 pieces, red	■	■	■	■	■	■	■	■	■	9011631A
	Da = 9.3, L = 9.8, 0.5 ... 1.5 mm², 5 pieces, orange	■	■	■	■	■	■	■	■	■	9009028A
	Da = 9.3, L = 9.8, 2 ... 4 mm², 5 pieces, yellow	■	■	■	■	■	■	■	■	■	9009027A
	Flat spring contact										
	2.8 mm, 10 pieces										
	0.5 ... 1.5 mm²	■	■	■	■	■	■	■	■	■	9011664A
	0.5 ... 0.75 mm², for 6-pin watertight plug sleeve casing, for socket 1320893A	■	■	■	■	■	■	■	■	■	9011666A
	Flat spring contact										
	1.5 mm, 0.5 ... 1.0 mm², 12 pieces	■	■	■	■	■	■	■	■	■	1321009A
	Flat plug										
	L = 6.3, 4 ... 6 mm², 10 pieces	■	■	■	■	■	■	■	■	■	9011965A



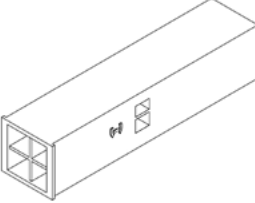
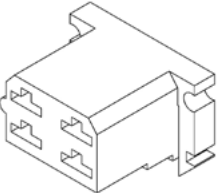
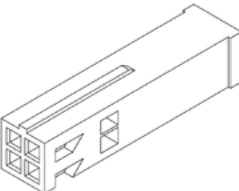
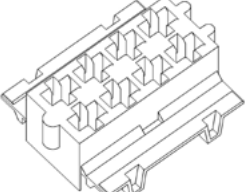
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Flat plug										
	2.8 mm, 0.5 ... 1.0 mm², 10 pieces	■	■	■	■	■	■	■	■	■	1321028A
	Flat spring contact										
	2.8 mm, 1.5 ... 2.5 mm², 10 pieces	■	■	■	■	■	■	■	■	■	1321012A
	Flat spring contact										
	2.8 mm, 0.5 ... 1.0 mm², 10 pieces	■	■	■	■	■	■	■	■	■	1321037A
	Flat spring contact										
	4.8 mm, for fuse holder, watertight, 10 pieces										
	0.5 ... 1.5 mm²	■	■	■	■	■	■	■	■	■	9011645A
	2.0 ... 3.0 mm²	■	■	■	■	■	■	■	■	■	9011647A
	Push on contact										
	1.8 mm, 0.12 ... 0.56 mm², for 4-pin control element plug 1320111A, 50 pieces	■	■	■	■	■	■	■	■	■	9023133A
	Tab receptacle										
	2.8 mm, 0.5 ... 1.0 mm², 20 pieces	■	■	■	■	■	■	■	■	■	9011962A
	6.3 mm, 1.5 ... 2.5 mm², 20 pieces	■	■	■	■	■	■	■	■	■	9006458A

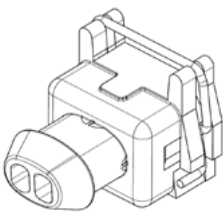
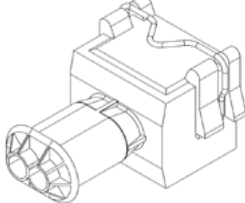
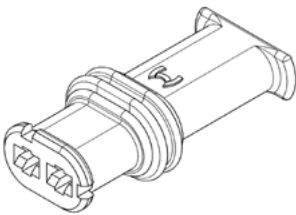
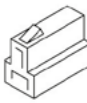

Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Tab receptacle										
	6.3 mm, 0.5 ... 2.5 mm², 10 pieces	■	■	■	■	■	■	■	■	■	9011641A
	Tab receptacle										
	6.3 mm										
	0.8 ... 2.5 mm², 20 pieces	■	■	■	■	■	■	■	■	■	9006457A
	4 ... 6 mm², 10 pieces	■	■	■	■	■	■	■	■	■	9014955A
	Junior power timer										
	2.8 mm, 0.5 ... 1.0 mm², also for blade-type plug, watertight, 10 pieces	■	■	■	■	■	■	■	■	■	9011634B
Connectors											
	Tab connector housing										
	for 6.3 mm tab receptacles, 6-pin, 20 pieces	■	■	■	■	■	■	■	■	■	1320231A
	Tab connector housing										
	1 pin, 20 pieces	■	■	■	■	■	■	■	■	■	9006460A

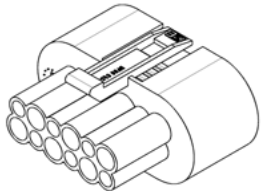
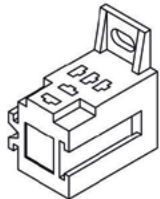

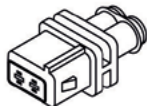


Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Tab connector housing										
	for 6.3 mm tab receptacles, 8-pin, 10 pieces	■	■	■	■	■	■	■	■	■	1321669A
	Tab connector housing										
	for 6.3 mm tab receptacles, 4-pin	■	■	■	■	■	■	■	■	■	1319699A
	Socket housing										
	for 2.8 mm tab receptacles, 4 pin, timer adapter, 10 pieces	■	■	■	■	■	■	■	■	■	1321004A
	kit socket housing with 4 tab receptables 2.8 mm	■	■	■	■	■	■	■	■	■	9033254A
	Plug sleeve casing										
	for 6.3 mm tab receptacles, 4-pin, 10 pieces	■	■	■	■	■	■	■	■	■	1321698A
	Plug sleeve casing										
	for 6.3 mm tab receptacles, 4 pin AMP, suitable flat spring: 9023133A, black	■	■	■	■	■	■	■	■	■	1320111A
	Plug sleeve casing										
	2.8 mm, 8 pin, black	■	■	■	■	■	■	■	■	■	1320130A

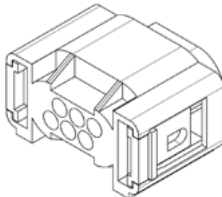
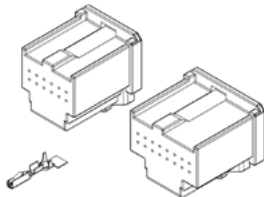
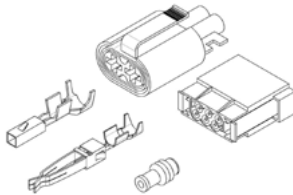
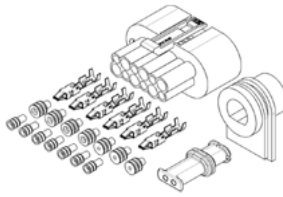
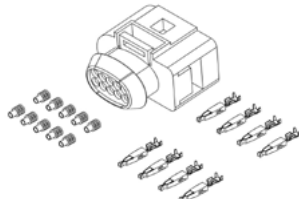
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Plug sleeve casing										
	2.8 mm, black	■	■	■	■	■	■	■	■	■	1320562A
	Plug sleeve casing										
	for fuel pump or extensions, watertight, 5 pieces	■	■	■	■	■	■	■	■	■	9021277A
	Plug sleeve casing										
	2-pin, MFK										
	1 piece	■	■	■	■	■	■	■	■	■	1320169A
	20 pieces	■	■	■	■	■	■	■	■	■	1321785A
	Plug sleeve casing										
	for 6.3 mm tab receptacles, 2-pin	■	■	■	■	■	■	■	■	■	1319698A
	Plug sleeve casing										
	for 6.3 mm tab receptacles, 6-pin, 10 pieces	■	■	■	■	■	■	■	■	■	1321670A

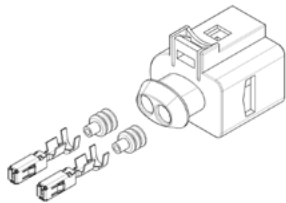
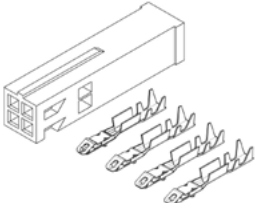
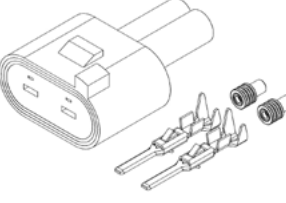
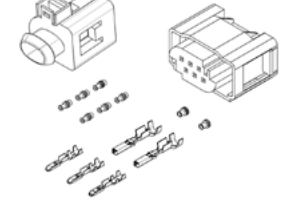
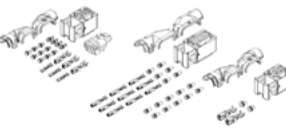
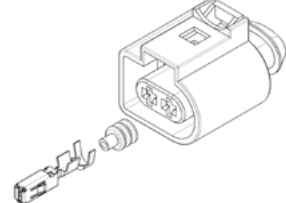
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Plug sleeve casing										
	12-pin housing, code A		■				■				1319801A
	Receptacle housing										
	5-pin, for micro relais, 5 pieces	■	■	■	■	■	■	■	■	■	1321730A
	Relay socket										
	5-pin, with mounting tab, for standard relay	■	■	■	■	■	■	■	■	■	1320540A
	Plug sleeve casing										
	2-pin, watertight, kit with 5 plugs incl. pins and seals, 0.5 ... 1.0 mm², 5 pieces	■	■	■	■	■	■	■	■	■	9011632B
	Relay socket										
	5-pin, without mounting tab, for standard relay	■	■	■	■	■	■	■	■	■	1320538A
	Fastening base										
	for fuse holders 1320313A, 1320157A, 1320151A, with screws, plastic, black	■	■	■	■	■	■	■	■	■	1320873A

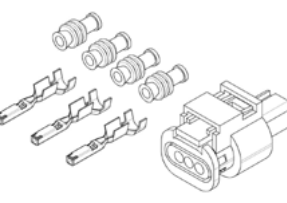
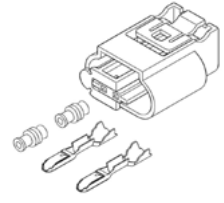
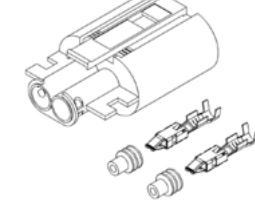
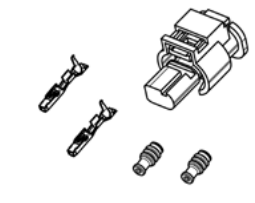
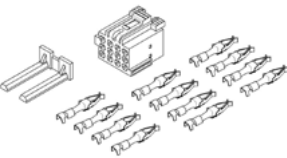
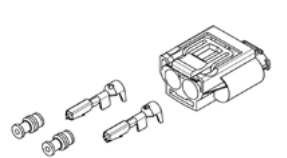
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Socket housing										
	6-pin coded, AMP		■		■	■					1320893A
Connector kits											
	Kit connector Cronus										
	plug x1 16 pin, plug x2 12 pin, 28 flat spring contacts				■	■					9041505A
	Repair bag device plug										
	1 receptacle housing 2-pin, 1 waterproof socket housing 6-pin, 6 waterproof socket contacts 2.8 mm, 2 flat spring contacts 2.8 mm 1.5 ... 2.5 mm², 6 single wire sealings 0.5 ... 0.75 mm²				■	■					9011968A
	Kit plugs										
	plug housing 12 pin, 4 flat spring contacts 2.8 / 0.5 ... 1, 9 single wire seals, 7 flat spring contacts 1.5, 2 flat spring contacts 2.8 / 1.5 ... 2.5 mm², 2 single wire seals, plug housing 2 pin with single wire seals		■			■					9041973C
	Plug kit										
	Replacement for 10-pin plug on standard wiring harness, with connection materials				■						9029701A

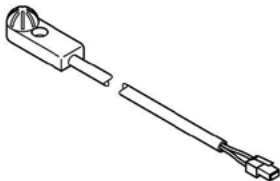
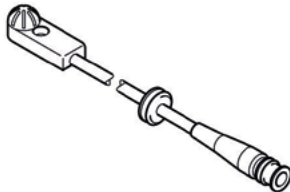
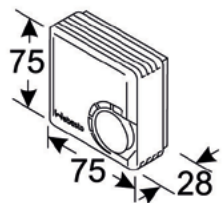
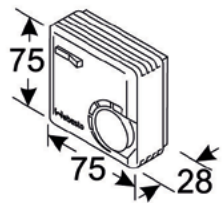
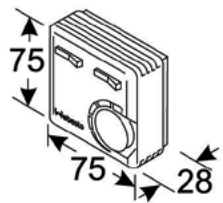
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Plug kit Replacement for 2-pin plug on the standard wiring harness, with connection materials					■					9029702A
	Plug kit 4-pin plug with 4 pins, 0.1 ... 0.6 mm²	■	■	■	■	■	■	■			9029703A
	Tab connector housing 2-pin, watertight, with pins and seals	■	■		■	■	■				9021719A
	Repair bag device plug 1 receptacle housing 2-pin, 1 waterproof socket housing 6-pin, 6 waterproof socket contacts 2.8 mm, 2 flat spring contacts 2.8 mm 1.5 ... 2.5 mm², 6 single wire sealings 0.5 ... 0.75 mm²				■	■					1319023A
	Plug kit plug set with contacts and sealings							■			9037223A
	Plug kit 2-pin plug with flat spring contact and sealing			■							9041546A

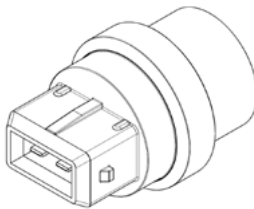
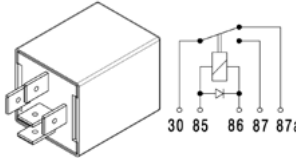
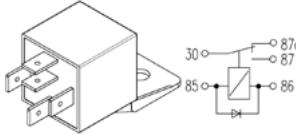
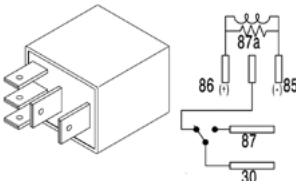
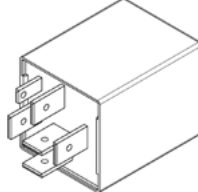
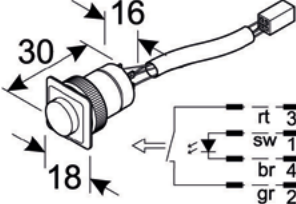
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Plug kit plug kit for connecting coolant pump U4850 and UP500, with plug, contacts and sealings				■	■		■			9038468A
	Plug kit 2-pin plug on the fuel pump wiring harness, with connection materials, for fuel pump DP 42	■	■		■	■	■				1318966A
	Fuel pump connector kit plug housing 2 pin, 2 single wire seals, 2 flat spring contacts 2.8 mm, 0.5 ... 1 mm²						■				9024074A
	Kit plugs for coolant pump U4847			■	■	■					9043846A
	Plug kit for preset timer for connecting preset timers Standard, Kombi and Unibox	■	■			■	■				88191B
	Plug kit for 3/2-way solenoid valve 2-pin plug with contacts and sealings			■	■	■	■	■	■	■	9014608B

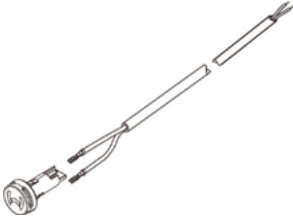
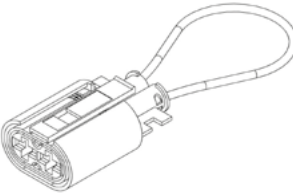
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
Components											
	Temperature sensor external										
	L = 5000	■									1319842A
	L = 2500	■									1319900A
	Temperature sensor external										
	L = 5000, with housing cover		■								1322459A
	L = 20000, with housing cover		■								92649C
	Room thermostat										
	L = 75, W = 28, H = 75, mechanical (changeover contact), for vehicle blower; plastic, black	■	■	■	■	■	■	■	■	■	1320587A
	Room thermostat										
	L = 75, W = 28, H = 75, black, plastic, for vehicle blower, mechanical (changeover contact), with on/off switch	■	■	■	■	■	■	■	■	■	1320415A
	Room thermostat										
	L = 75, W = 28, H = 75, black, plastic, mechanical (changeover contact) with on/off switch and ventilation	■	■	■	■	■	■	■	■	■	1320416A

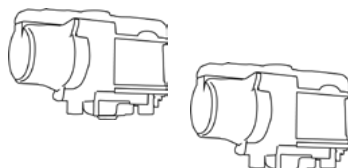
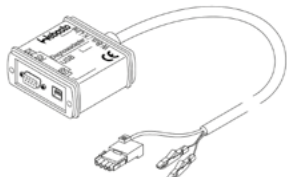
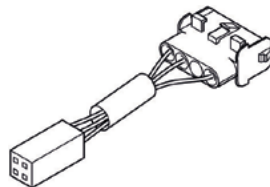
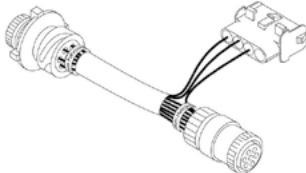
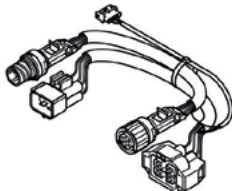
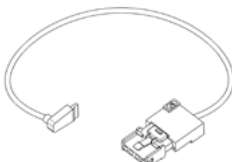
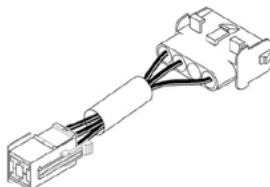
Electrical accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Thermo E+ 200/320	Order number
	Temperature switch										
	Closed < 2°C, opened > 8°C, for operating heater as an auxiliary heater	■	■	■	■	■	■	■	■	■	1319804A
	Closed < 12 °C, opened > 18 °C, (used for engine-off applications)	■	■	■	■	■	■	■	■	■	9030618A
	Relay (changeover contact) kit										
	L = 6.3, V = 12										
	change over relay, 30 / 50 A with diode, with connector housing and flat fuses	■	■		■		■	■			9023375A
	change over relay with diode, 20/30 A, with mounting bracket for 1320538A	■	■		■		■	■			1319954A
	Relay										
	V = 12, 30/50 A	■	■		■		■	■			1320213A
	V = 24, 10/20 A	■	■			■	■	■			1303828A
	Micro relay										
	V = 12, micro relay, 6.3 mm / 5 mm, relay with parallel switched extinguishing resistance, for 1321730A	■	■		■		■				1322202A
	Impulse relay										
	V = 12										
	20 s	■	■	■	■	■	■	■	■	■	1316999A
	1 s	■	■	■	■	■	■	■	■	■	1317001A
	Switch with status LED										
	Switch for control element in vehicle, for Telestart T91 and T100 HTM				■		■	■			9012968A

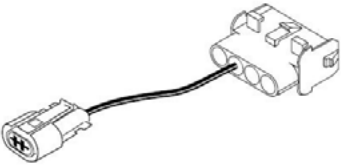
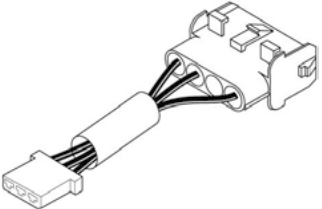
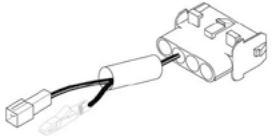

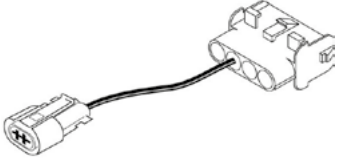
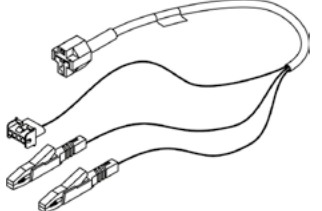
Electrical accessories

										Order number
		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	
	Temperature sensor RVM									
	L = 2500, open wires	■								9037591A
	L = 5000, open wires	■								9037593A
	L = 2500, with plug		■							9030881A
	L = 5000, with plug		■							9030883A
	Diagnosis bridge									
	for main wiring harness				■					9032282A


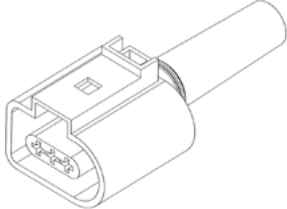

Maintenance and diagnostics

		Order number
	Webasto System Diagnostics Interface	
	for Thermo Top Evo Smart and Thermo Top Pro 50	9044777A
	PC diagnosis kit	
	for Webasto heating devices, USB port, for Windows operating system	1320920A
	for Valeo heating devices	SPH11112249E
	Adapter cable, PC diagnosis	
	for diagnosis via 4-pin control connector; also for upgrade kit	1319503A
	Adapter cable, PC diagnosis	
	for Thermo 230/300/350 (Mercedes / Citaro) and DW 230/300/350	1319685A
	Adapter cable, PC diagnosis	
	for Thermo 230/300/350 and DW 230/300/350	1319888A
	Adapter cable, PC diagnosis	
	for digital timer MultiControl and SmartControl	9029674B
	Adapter cable, PC diagnosis	
	for Thermo 90	1320168A

Maintenance and diagnostics

		Order number
	Adapter cable, PC diagnosis for Thermo 90 S, Thermo 90 ST, Thermo Top Evo and Thermo 50	1319941A
	Adapter cable, PC diagnosis for DW 80, BW 80	1319606A
	Adapter cable, PC diagnosis for Thermo Top C, Thermo Top 98, Air Top 2000, Air Top 2000 S, Air Top 2000 ST	1319943A
	Adapter cable, PC diagnosis for OE heaters: Thermo Top C and Thermo Top V	9016761A
	Adapter cable, PC diagnosis for Air Top 2000 ST, Air Top 3500 ST, Air Top 5000 ST	1319940A
	Adapter cable, PC diagnosis programming cable for IPCU and LIN/PWM gateway	1319879B

Maintenance and diagnostics

		Order number
	Adapter cable, PC diagnosis for Thermo plus 230/300/350	SPH2710933C
	Adapter diagnosis for Thermo plus 230/300/350	9810331A
	Adjusting tool for ignition electrodes, DBW 2010, DBW 2016, DBW 2020	1320998A

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Abbreviations

Specifications

ECE	Economic Commission for Europe
EMC	Electromagnetic compatibility
HDD	Heavy Duty Design
HTM	Heating time management
IK	Installation kit
SOD	Scope of delivery

Units of measurement

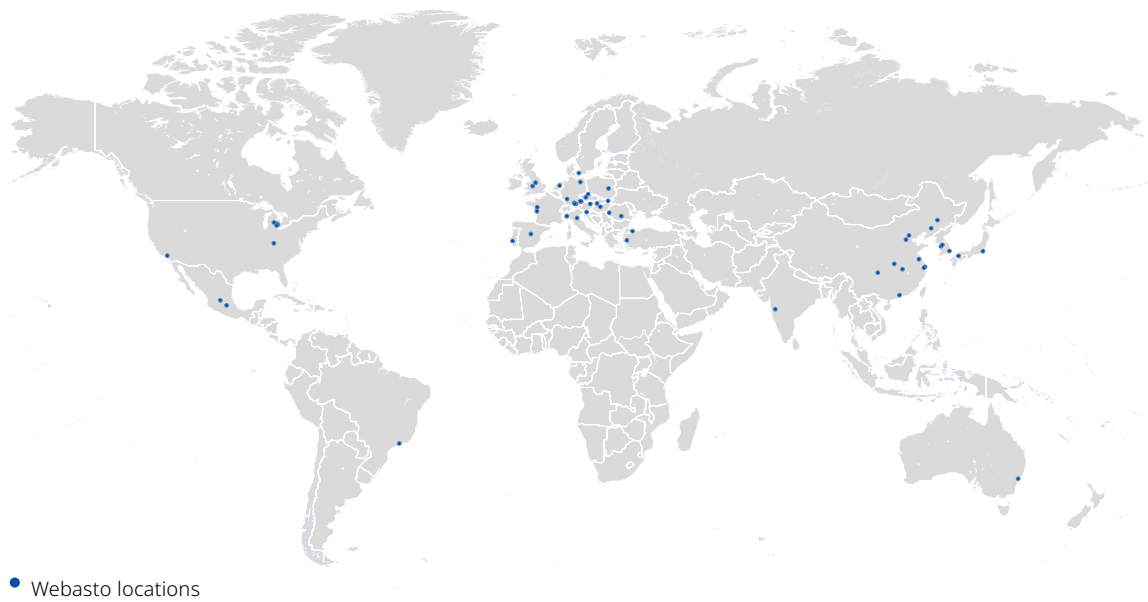
D	Diameter (mm)
Da	Outer diameter (mm)
Di	Inner diameter (mm)
H	Height (mm)
kg	Kilogram
L	Length (mm)
m	Meter
mm	Millimeter
r	Radius (mm)
SW	Wrench size (mm)
W	Width (mm)

Electrical units

A	Ampere
kW	Kilowatt
rpm	Revolutions per minute
V	Volt
W	Watt

Materials and fuels

APK	Aluminium paper plastic
EPDM	Ethylene propylene terpolymer rubber
FAME	Fatty acid methyl ester (fuel)
GA-A	Aluminium foil and aluminium coated glass fabric
GA2-A	Aluminium and aluminium coated glass fabric
H-M-A	Hart aluminium plastic aluminium
PA	Polyamide
PAK	Paper aluminium plastic
PAPK	Paper aluminium paper plastic
TPE	Thermoplastic elastomer
VOME-resistant:	Resistant against various diesel-like fuels; B7, B10, XTL, etc.



• Webasto locations

As a global innovative systems partner to the mobility industry, Webasto is one of the 100 largest suppliers to the automotive sector worldwide. In development, manufacturing and sales, the company focuses on roof systems on the one hand and on vehicle electrification on the other hand. The product range includes openable and fixed roofs, electric high-voltage heaters and batteries, as well as thermo management solutions. Among the customers of Webasto are manufacturers of passenger cars, commercial vehicles, and boats, as well as dealers and end customers. In 2023, the Group generated sales of around 4.6 billion euros and employed more than 16,600 people at over 50 locations. The headquarters of the company, which was founded in 1901, is located in Stockdorf near Munich (Germany). For more information, please visit www.webasto.com



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webasto.com/sustainability



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