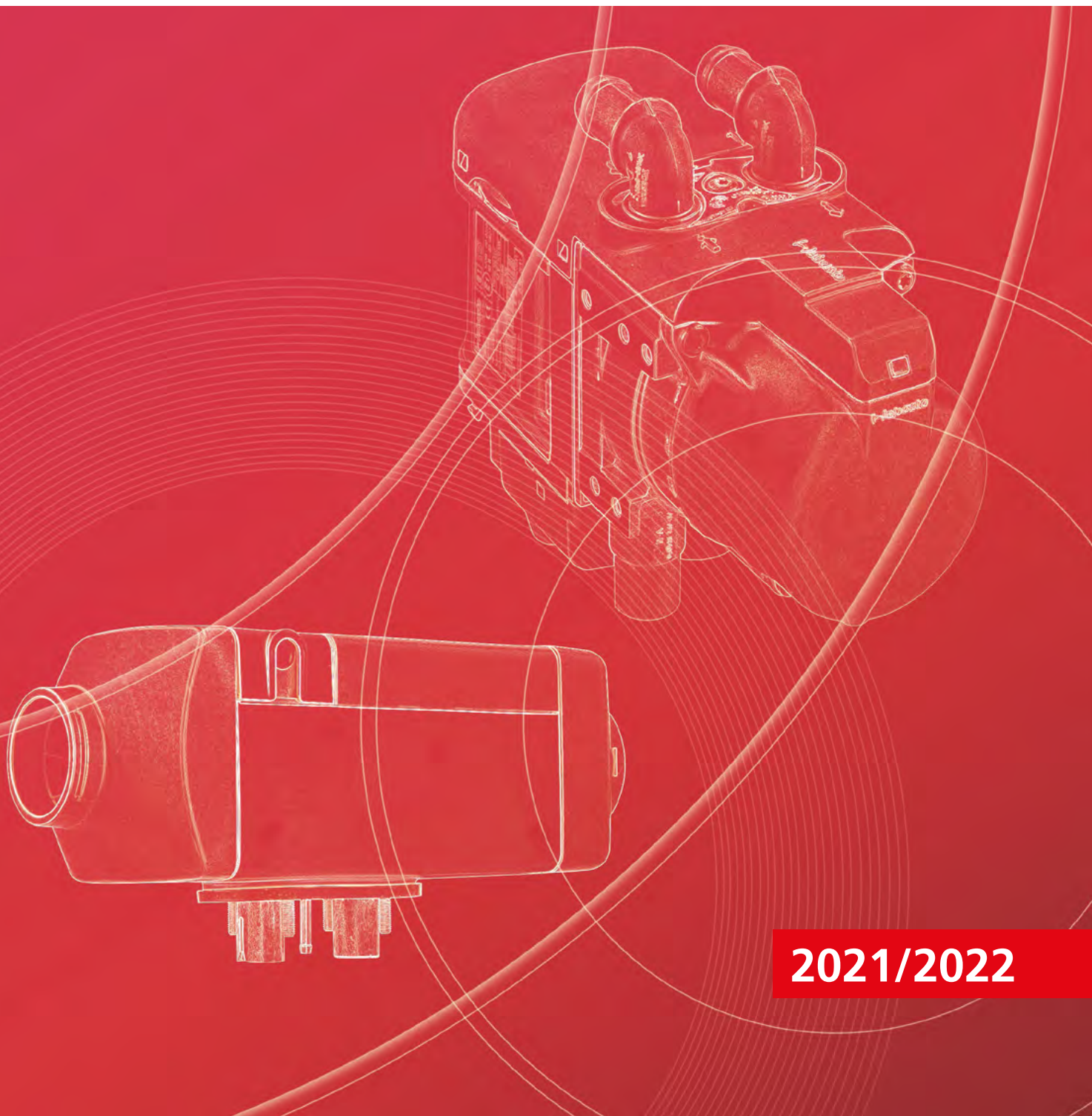


Product Catalog Heating Solutions

For Cars, Trucks, Light-Duty Vehicles, Buses, Off-Highway and Special Vehicles



2021/2022



Dear Customers, dear Webasto Partners,

With this product catalog, Webasto offers you a comprehensive overview of the latest products for heating. In this way you are ideally 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

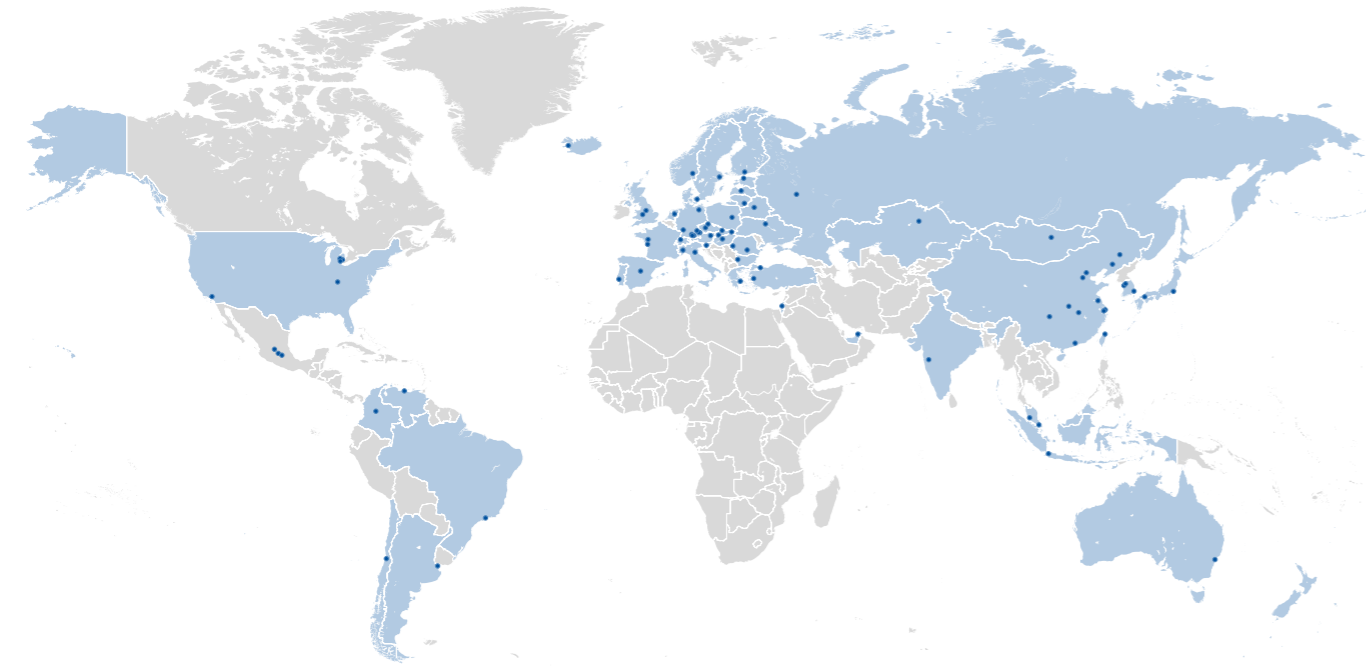


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Webasto Network

**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; intelligent charging solutions for electric-driven vehicles and allows you to access perfect solutions for your thermal and energy management.

Please feel free to contact us for a specific catalog.

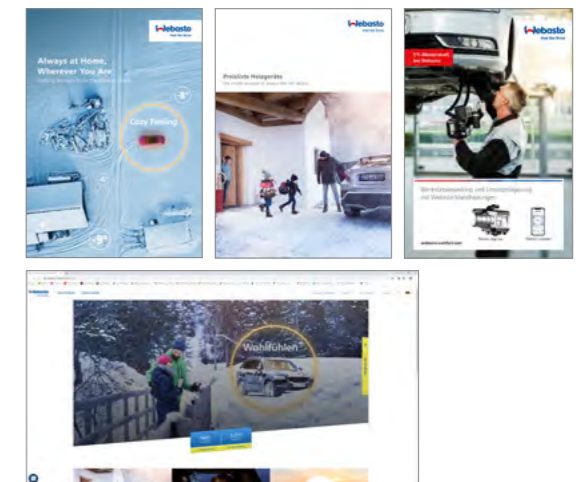
Webasto Services

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:

- 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.

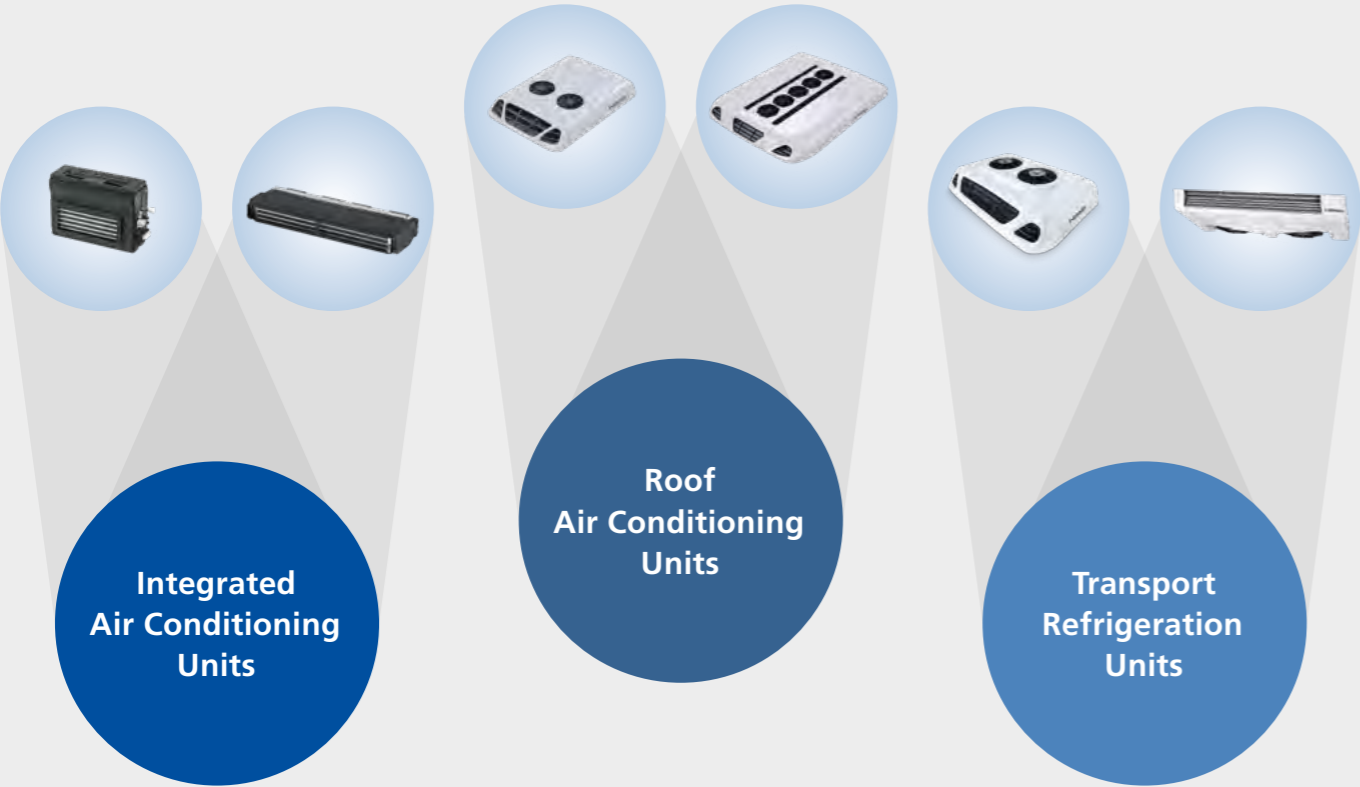
- High-quality, target group-specific marketing tools for all media
- Support for our partners on customized marketing measures
- Advertising and mailing templates for customer activation and customer loyalty
- Point-of-sale marketing materials
- Product-specific selling argument lists
- Professional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

Webasto Product Portfolio

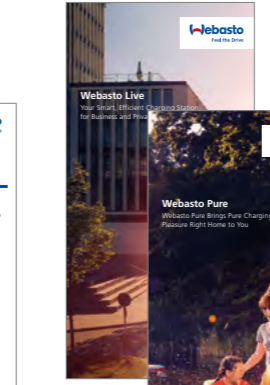
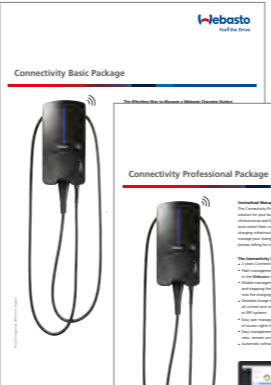
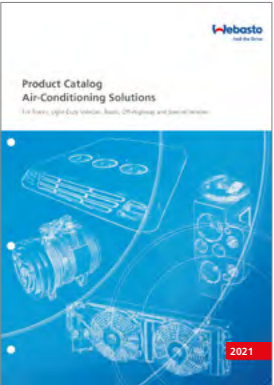
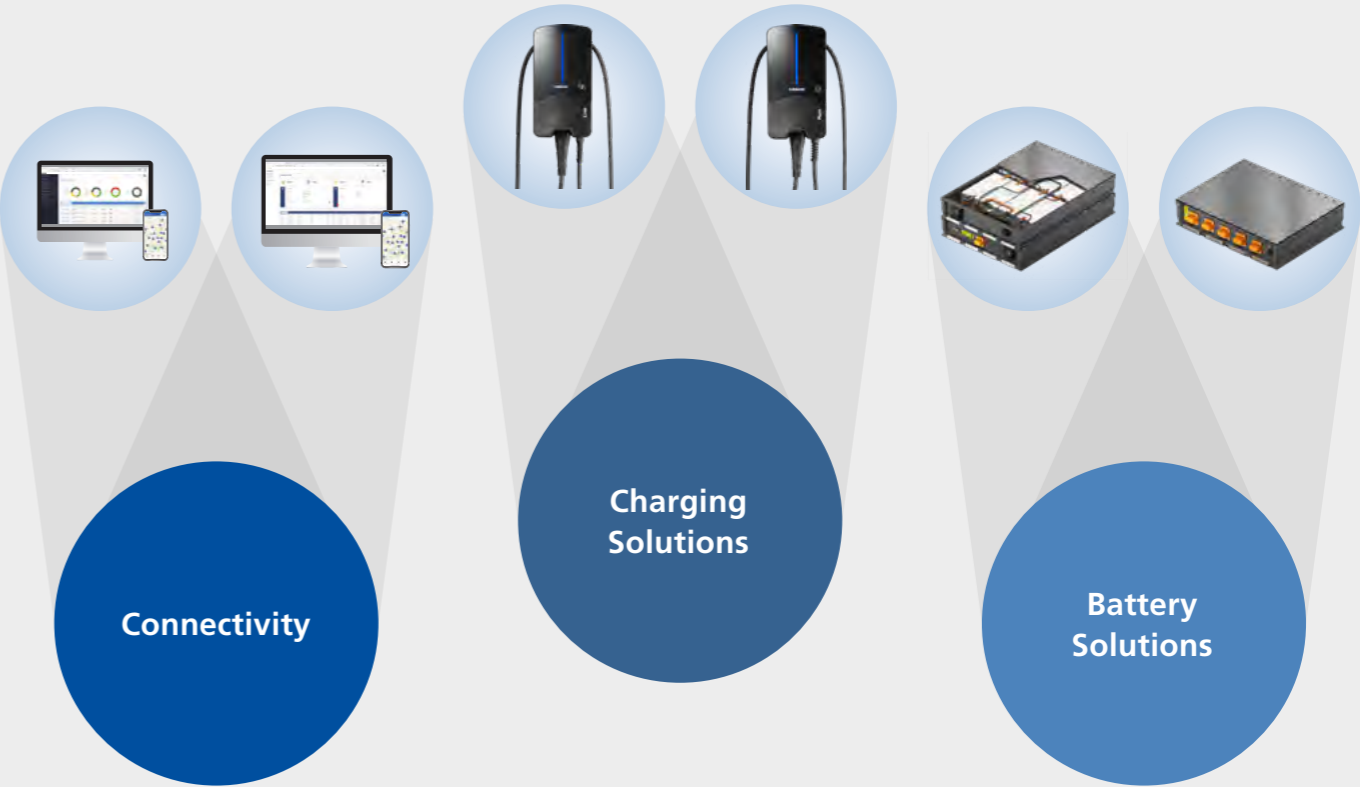
Our Solutions for Air Conditioning Systems and innovative Energy Solutions

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

Webasto Air Conditioning Systems



Webasto Energy Solutions



Please note: The print materials shown here are only a selection of the last years.



Market Segments Heating Solutions

Webasto develops innovative heating solutions for the following markets:



Cars



Trucks



Light-Duty



Buses



Off-Highway



Special Vehicles

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



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*	2.0 – 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 Pro 50 Eco	5.0
Thermo Pro 90	9.1
Thermo Top Pro 120/150	12.0 – 15.0
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.

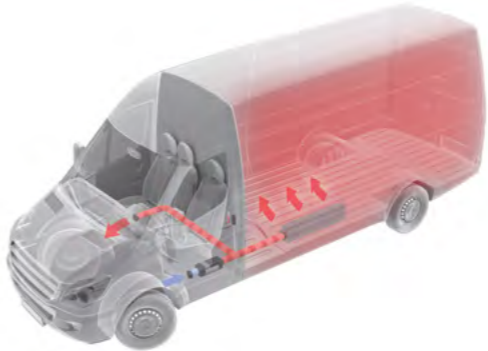
For detailed information of available air-conditioning and refrigeration systems please see the dedicated Webasto cooling catalog.

Benefits of the Webasto solutions for light-duty vehicles:

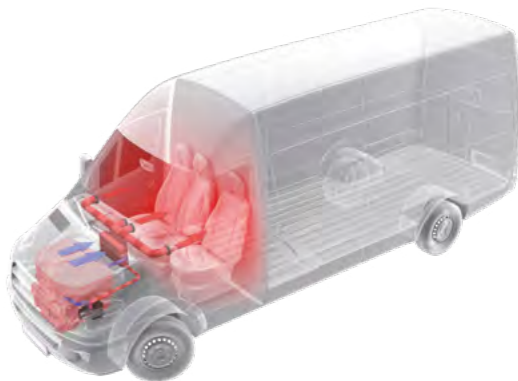
- Engine and environment-friendly pre-heating and heating
- Installation kits for a wide variety of vehicles available
- Reduction in operating costs thanks to fuel saving and lower wear

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 Pro 50 Eco*	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

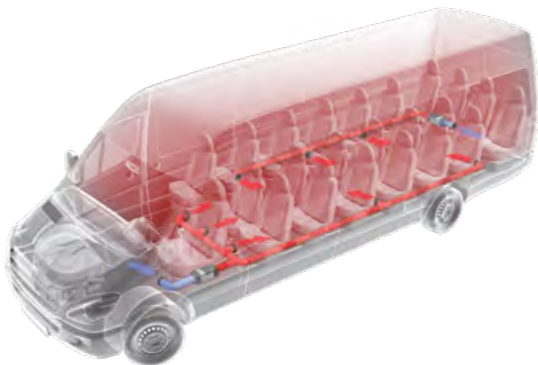
To guarantee a safe journey even in challenging climate conditions, buses must be ready for operation right from the start. For this purpose, Webasto can rely on a broad product portfolio ranging from standard auxiliary heaters to complete and customized climate solutions, via air-conditioning systems 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.

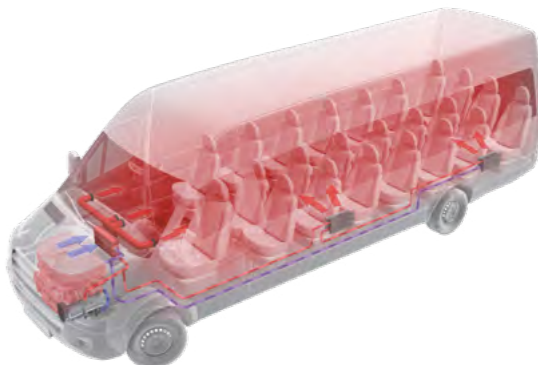
Benefits of the Webasto solutions for buses:

- 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 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 Pro 50 Eco	5.0
Thermo Pro 90	9.1
Thermo Top Pro 120/150	12.0 – 15.0



Air heater



Water heater



Special 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, special 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 special 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 Pro 50 Eco	5.0
Thermo Pro 90	9.1
Thermo Top Pro 120/150	12.0 – 15.0
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 defogged 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

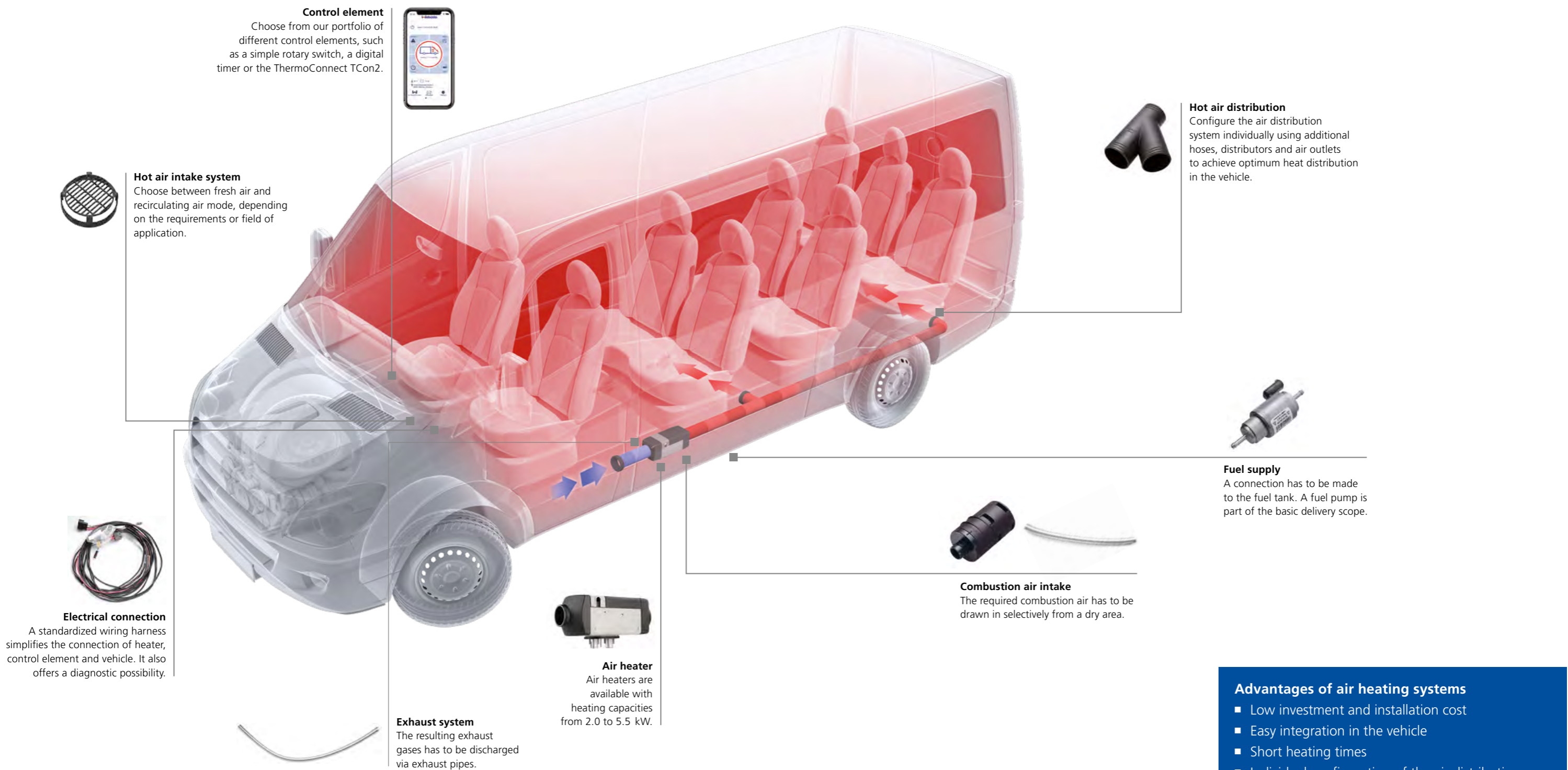
The tailor-made Webasto heating solution for every area

	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	2.0 – 3.0	■					■ *
Thermo Top Evo 4/5/5+	4.0 – 5.0	■		■		■	■ *
Thermo Pro 50 Eco	5.0		■	■		■	■ *
Thermo Pro 90	9.1		■	■	■	■	■ *
Thermo Top Pro 120/150	12.0 – 15.0		■		■	■	■ *
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.



Air Heaters

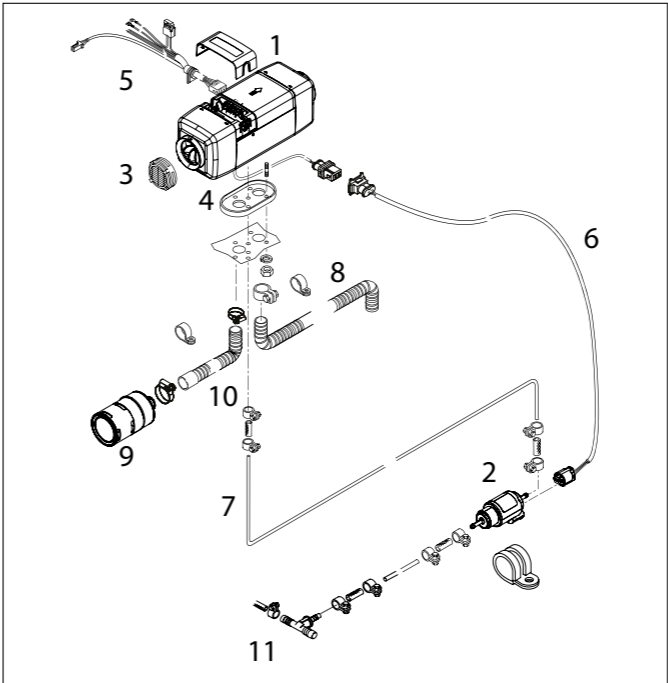
Air Top 2000 STC



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.

- 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	■		Screen
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 04 1085		E1 04 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	12
Rated power consumption, control range (W)	15 – 30	13 - 28	15 – 30
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

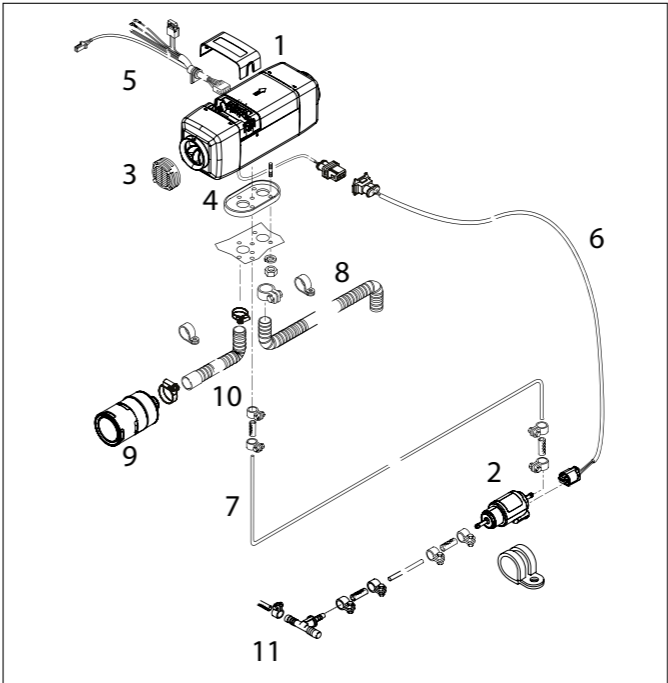
The Air Top Evo model offers greater comfort, safety and heating capacity for large commercial vehicles. Air heating ensures quick and efficient heating of cabins and cargo spaces. Energy consumption and noise are at a minimum thanks to the control system. An automatic altitude compensation system is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

The advantages of the Air Top Evo 40/55

- 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)
- Flame detection through exhaust gas temperature sensor
- 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	■		Screen
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

Control element not included. Separate order required.

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



Air Heaters




Control elements

		Air Top 2000 STC	Air Top Evo 40/55	Order number
Wireless	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	■	■	9040223C
Wired	Kit UniControl			
	 <ul style="list-style-type: none">– 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	■	■	9034520C
	Kit UniControl - replacement set standard timer 1531			
	 <ul style="list-style-type: none">– 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	■	■	9034521C






		Air Top 2000 STC	Air Top Evo 40/55	Order number
	Adapter cable UniControl			
	<ul style="list-style-type: none">– 10-pole (UniControl) to 4-pole standard plug– Cable length 0.13 m	■	■	9034555A
	Adapter cable UniControl - replacement standard timer 1531			
	<ul style="list-style-type: none">– 10-pole (UniControl) to 12-pole connector of presection timer 1531– Cable length 0.2 m	■	■	9034596A
	Expansion kit UniControl			
	<ul style="list-style-type: none">– 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
	Installation frame kit UniControl, short			
	<ul style="list-style-type: none">– Cover panel dimensions (L x W): 120 x 60 mm– With installation materials	■	■	474630
	Installation frame kit UniControl, long			
	<ul style="list-style-type: none">– Cover panel dimensions (L x W): 200 x 60 mm– With installation materials	■	■	476404

Air Heaters

Control elements

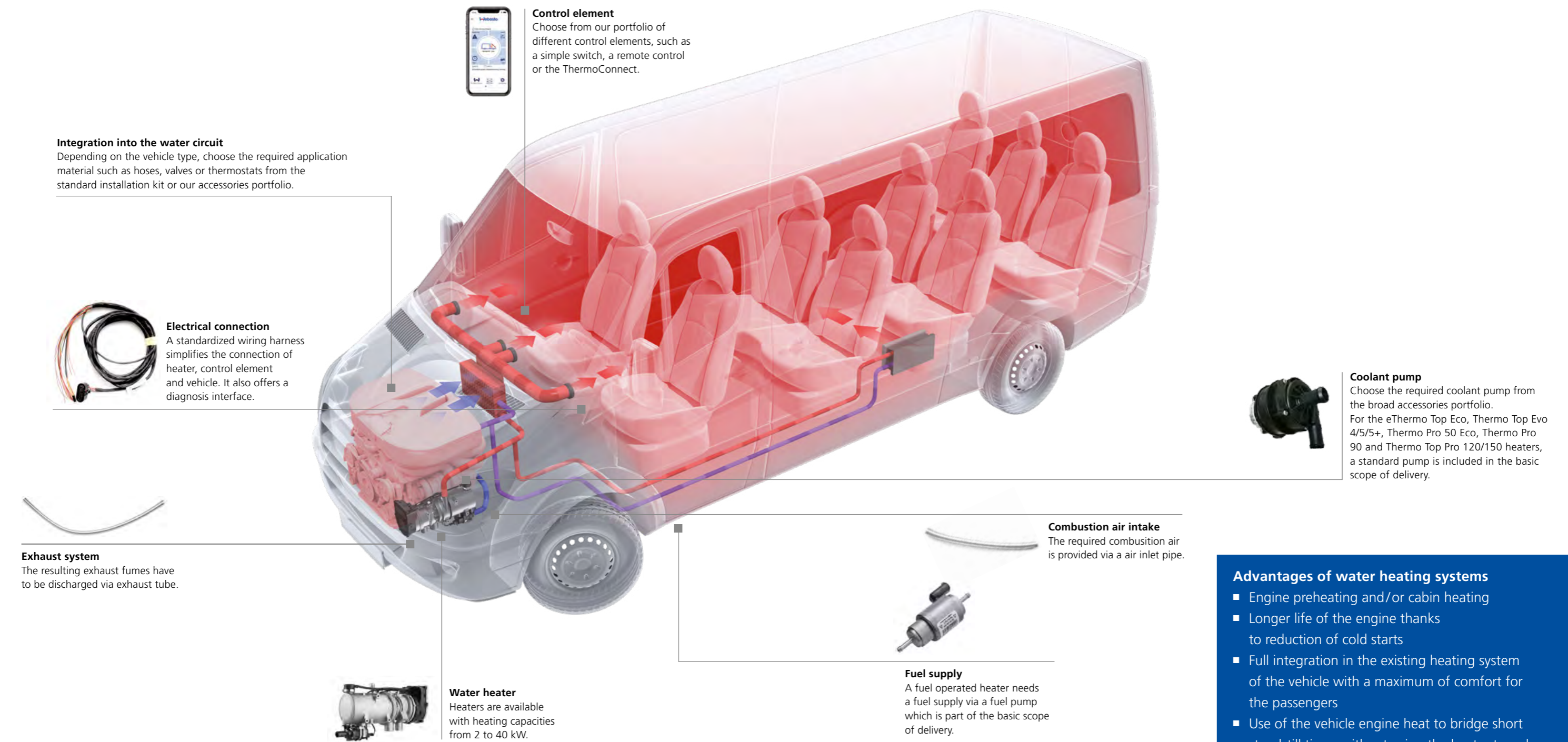
Wired		Air Top 2000 STC	Air Top Evo 40/55	Order number
	MultiControl HD			
	– 12/24 V – Available control functions: heating, ventilation, one activatable timer (3 preselectable on-times per day, programmable for 7 days in advance), quick start button – Individual operating time between 10 – 120 minutes – 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	■	■	9030025D
	SmartControl			
	– 12/24 V – Available control functions: heating, ventilation, quick start button – Individual operating time between 10 – 120 minutes – 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	■	■	9030026D
	Holding frame Multi-/SmartControl			
	– Fastened by screws at the mounting point – Multi-/SmartControl is clicked into the holding frame	■	■	9030077A
	Adhesive pad Multi-/SmartControl			
	– Included in kit 9030025D and 9030026D	■	■	9029618A

Switches

		Air Top 2000 STC	Air Top Evo 40/55	Order number
	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 for heating and ventilation mode			
	– Printed with flame and fan symbol – Cover panel dimensions (L x W): 19 x 14 mm – With connection materials	■	■	1320434A
	Expansion kit 4-pole standard plug			
	– Expansion cable for 4-pole standard plug – For Rocker switch ON/OFF, UniControl, MultiControl, SmartControl, ThermoConnect TCon2 – Cable length 3 m	■	■	9031988A

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

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.

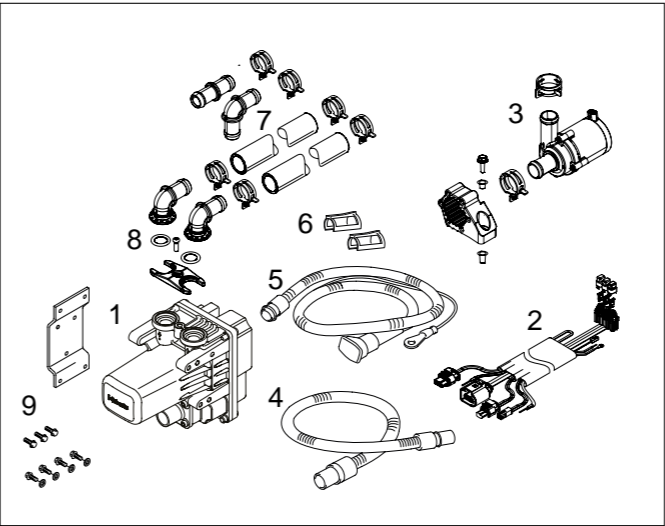
The heater is operated via an electric cable connected to a 230 V power outlet. Thanks to the integrated trickle charge function for 12 V batteries, the car battery is automatically charged throughout the entire duration of operation. The eThermo Top Eco can be conveniently controlled with a preset timer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

There is a choice of two heating capacities, depending on the fuse protection type of the home connection:
eThermo Top Eco 20 P (2 kW) for home connection with fuse protection of ≥10 A
eThermo Top Eco 30 P (3 kW) for home connection with fuse protection of ≥16 A

- 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
- Available in two heating capacity options
- Convenient control possible with a preset timer or the Webasto WLAN-plug

Technical data

Heater 230 V/112 V	eThermo Top Eco 20 P	eThermo Top Eco 30 P
ECE approval number ECE R122 (heating)	000531	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)	≥ 10	≥ 16
Heating capacity (kW)	max. 2	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)	2	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	



Contents Scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater eThermo Top Eco
2	■		12 V heater wiring harness
3	■		Coolant pump U4847 Econ axial incl. bracket and specific harness
4	■		230 V extension cable
5	■		230 V mounting cable engine compartment
6	■		Safety lock (2 x)
7		■	Coolant hose Di 18/Da 25/L 2000
8		■	Coolant connection pieces
9		■	Heater bracket
		■	Cable harness relay fuse holder
		■	Harness standard fan control
		■	Further mounting material
	■		Technical documentation

eThermo Top Eco 20 P/eThermo Top Eco 30 P

Scope of delivery, heater	Order number
eThermo Top Eco 20 P (2 kW)	1330002A
eThermo Top Eco 30 P (3 kW)	1330003A

Installation kit	Order number
Installation kit eThermo Top Eco 20 P and 30 P	1330001A

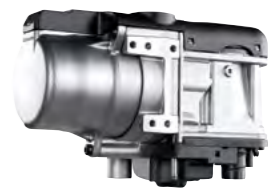
Standard climate control kit	Order number
eThermo Top Eco 20 P and 30 P	1330005A

Control unit	Order number
WLAN-plug	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

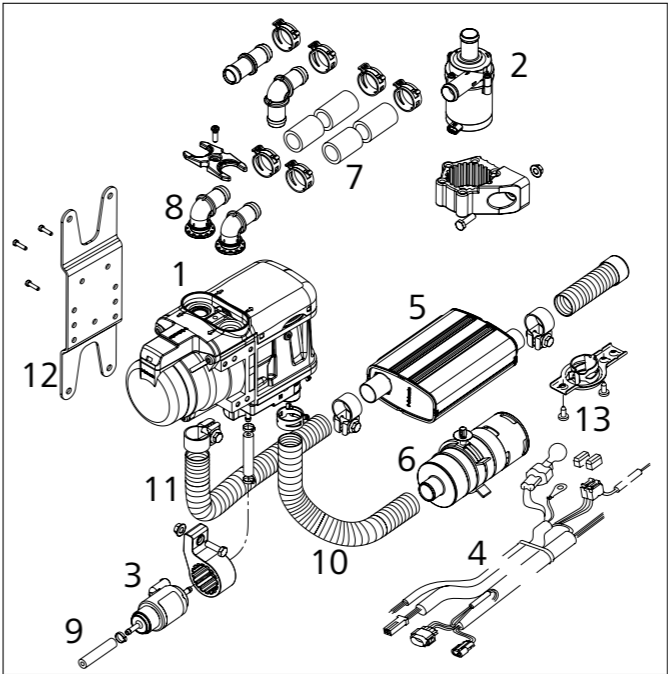


Quick and reliable starting in winter

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.

- 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



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 2000
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

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.

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+

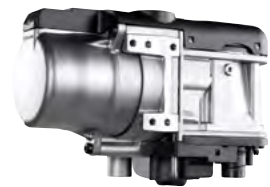
Scope of delivery, heater	Order number
Thermo Top Evo 5+ Diesel Basic	1314814A
Thermo Top Evo 5+ Gasoline Basic	1314810A

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 Pro 50 Eco

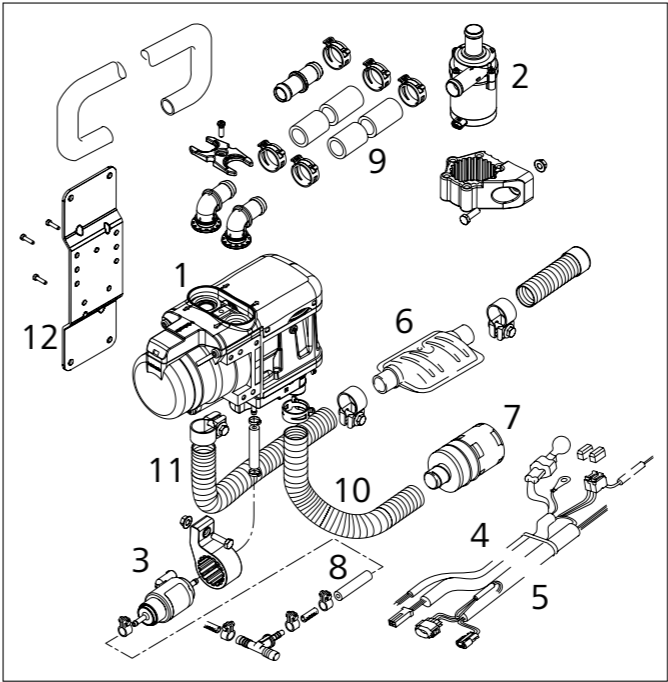


Light and powerful

The Thermo Pro 50 Eco is designed especially for use in light trucks and small to medium-sized commercial and special vehicles. Its compact dimensions and low weight enable it to be installed even in restricted space conditions. The engine can be raised to the operating temperature even before starting, thereby saving fuel.

The innovative control system ensures a pleasant temperature inside the vehicle, even when stationary and during breaks.

- Engine-independent heating mode for commercial vehicles with a 2.5 to 5 kW heating capacity
- Weighting just 2.2 kg, this is the lightest heater in its class
- Economical and with low emissions thanks to high efficiency
- Automatic altitude adjustment till 2,800 m above sea level



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		■	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

Model overview	Thermo Pro 50 Eco
	Diesel
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
Fuel consumption, part load/full load (l/h)	0.3/0.65
Nominal voltage (V)	24
Rated power consumption without/with coolant pump (W)	35/50
Fuels*	Diesel DIN EN 590, Diesel B20-B30 DIN EN 16709
Operating temperature range (°C)	-40 to +80
Dimensions L x W x H (mm)	218 x 91 x 164
Weight (kg)	2.2
Automatic altitude compensation (m)	2,800
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

* Information about further fuels on request.

Thermo Pro 50 Eco

Scope of delivery, heater	Order number
Thermo Pro 50 Eco Diesel 24 V Basic	9026553D

Installation kit	Order number
Installation kit Thermo Pro 50 Eco	9026722A

Control element not included. Separate order required.

Water Heaters

Thermo Pro 90

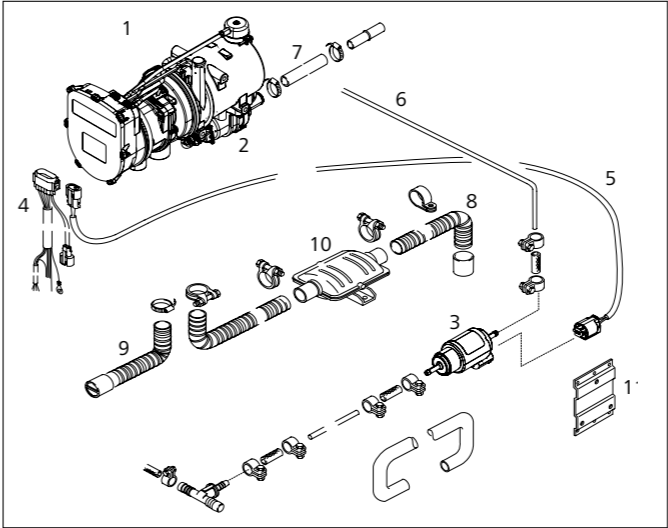


Light and robust

The Thermo Pro 90 is designed especially for use in large commercial and special 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 sliding 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.

- Engine-independent heating mode for commercial vehicles with up to 9.1 kW heating capacity
- Highly efficient combustion technology
- An extremely high-quality product with a long service life
- Automatic altitude compensation as standard
- Low energy consumption and operating noise



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, Paraffinic fuel (HVO / GTL) DIN EN 15940	
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	
Automatic altitude compensation (m)	3,500 High Altitude: 4,500	
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 24V 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 new 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) and trucks.

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. New is the 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.

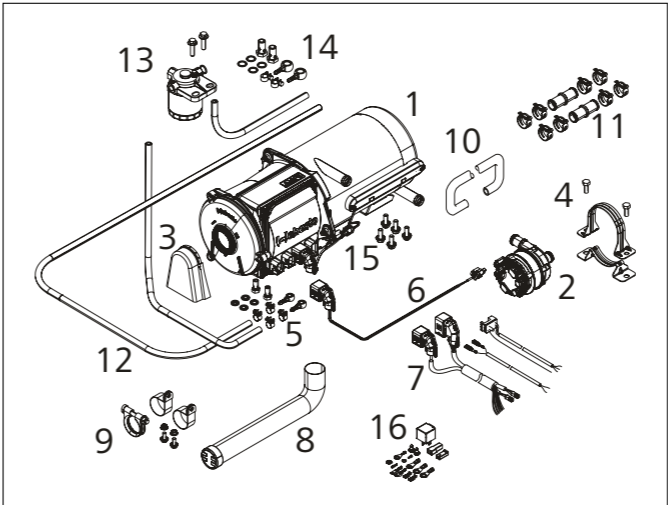
The powerful coolant pump U4850 is part of the basic scope of delivery and provides a high volume flow as well as a good pressure resistance. It comes with an intelligent self-protection function and communicates with the heater's control unit permanently. So, the diagnostic process offers both an analysis of the heater and performance data of the coolant pump. The result: Simple diagnosis and quick maintenance in the workshop. Unlike with the basic scope of delivery, the "CPoff" version enables customers to also use their individual coolant pump. It is recommended though to use the basic version as the heater is designed for the U4850 which makes it the perfect combination.

- 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
- Easily accessible connections
- Compact design
- Powerful coolant pump U4850
- Approved for paraffinic diesel fuels (HVO, GTL)
- Suitable for use in vehicles for transporting hazardous materials (ADR)

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



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

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.

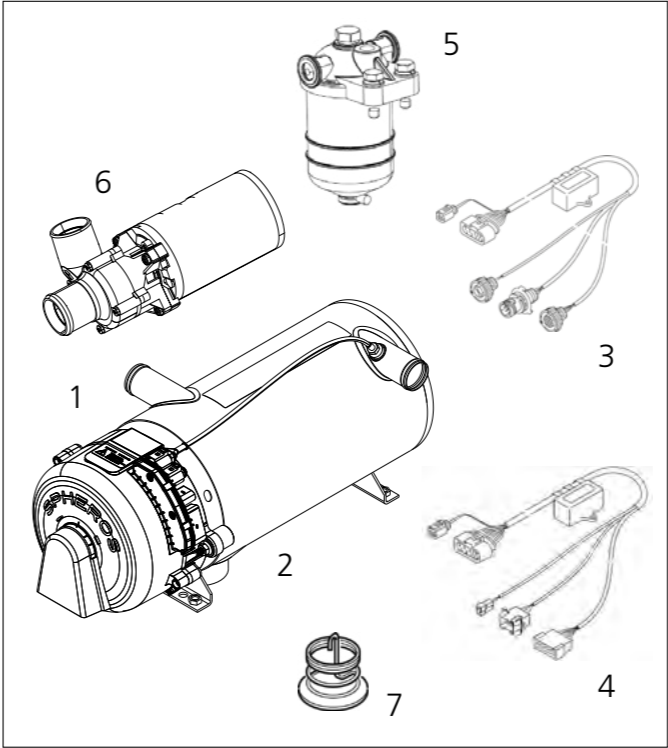
The supplementary heating function ensures a comfortable interior temperature for public transportation vehicles or tourist buses during their operation. Comfortable temperature levels in the passenger cabin are quickly established even without the main engine running, thus guaranteeing customer satisfaction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

- 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

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 (l/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



Contents Scope of delivery

Part	SOD AMP DC MB	SOD AMP 6.3	SOD Compact*	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

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

Control elements

Wireless




		Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 200/300/350	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)– 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	■	■	■	■		9040223C
	Remote control Telestart T100 HTM <ul style="list-style-type: none">– 12 V– Available control functions: heating, ventilation, heating time management (HTM)– Individual operating time between 10 – 120 minutes– Incl. one hand-held transmitter with battery, receiver, self-adhesive window antenna and temperature sensor HTM	■		■	■		1314637A
	Hand-held transmitter T100 HTM <ul style="list-style-type: none">– Incl. battery– Included in kit 1314637A– Up to four transmitters can be connected	■		■	■		1314638B
	Remote control Telestart T99 <ul style="list-style-type: none">– 12V– Available control functions: heating, ventilation– Individual operating time between 10 – 120 minutes and continuous heating– Incl. one handheld transmitter with battery, receiver, self-adhesive window antenna and wiring harness	■		■	■		9039217A
	Hand-held transmitter T99 <ul style="list-style-type: none">– Incl. battery– Included in kit 9039217A– Up to four transmitters can be connected	■		■	■		9039224A

		Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 200/300/350	Order number
	Hand-held transmitter T91 <ul style="list-style-type: none">– Incl. battery	■		■	■		1314636A
	Receiver T91/T100 HTM <ul style="list-style-type: none">– Included in kit 1314637A	■		■	■		1314639A
	Receiver T99 <ul style="list-style-type: none">– Incl. in kit 9039217A	■		■	■		9039225A
	Self-adhesive window antenna <ul style="list-style-type: none">– For remote controls Telestart T91/T99/T100– Included in kit 1314637A 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 1314637A	■		■	■		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

Water Heaters

Control elements


		Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 200/300/350	Order number
	Push button with indicator for T91/T99/T100						
	– Operation display and push button for T91/T99/T100 * not included in kit 1314637A and kit 9039217A	■		■	■		1319906A
	Battery for hand-held transmitter T100 HTM						
	– Included in kit 1314637A	■		■	■		9011356B
	Battery for hand-held transmitter T91						
		■		■	■		1322583A
	Battery compartment cover for hand-held transmitter T100 HTM						
	– Included in kit 1314637A 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

		Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 200/300/350	Order number
	Temperature sensor						
	– For T100 HTM – Included in kit 1314637A	■		■	■		1319921A
	Holder Telestart T91/T99/T100 HTM						
	– Incl. in kit 1314637A and 9039217A	■		■	■		1322444A
	Y-adapter for wiring harness						
	– For use of an additional control element	■		■	■		1319820A

Water Heaters

Control elements

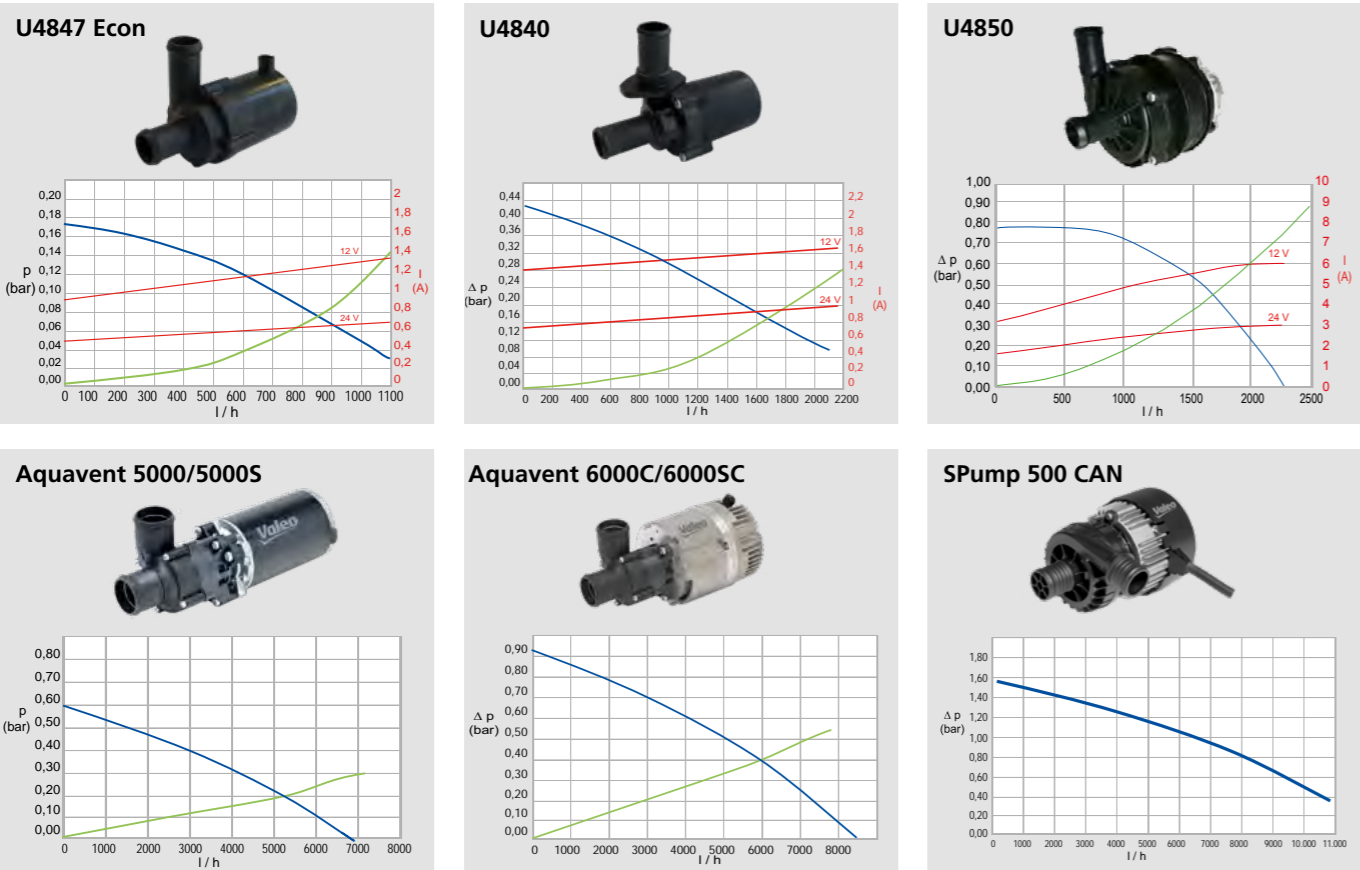
Wired

		Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 200/300/350	Order number
	Kit UniControl <ul style="list-style-type: none">– 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	■	■	■	■		9034520C
	Kit UniControl - replacement set standard timer 1531 <ul style="list-style-type: none">– 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		■	■		■	9034521C
	Adapter cable UniControl <ul style="list-style-type: none">– 10-pole (UniControl) to 4-pole standard plug– Cable length 0.13 m	■	■	■	■		9034555A
	Adapter cable UniControl - replacement standard timer 1531 <ul style="list-style-type: none">– 10-pole (UniControl) to 12-pole connector of presection timer 1531– Cable length 0.2 m		■	■		■	9034596A
	Expansion kit UniControl <p>Expansion cable for additional wiring (e.g. switching input, terminal 15)</p> <ul style="list-style-type: none">– 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
	Installation frame kit UniControl, short <ul style="list-style-type: none">– Cover panel dimensions (L x W): 120 x 60 mm– With installation materials	■	■	■	■	■	474630
	Installation frame kit UniControl, long <ul style="list-style-type: none">– Cover panel dimensions (L x W): 200 x 60 mm– With installation materials	■	■	■	■	■	476404

		Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 200/300/350	Order number
	MultiControl Car <ul style="list-style-type: none">– 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– 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	■					9029783C
	MultiControl HD <ul style="list-style-type: none">– 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– 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		■	■	■		9030025D
	SmartControl <ul style="list-style-type: none">– 12 / 24 V– Available control functions: heating, ventilation, quick start button– Individual operating time between 10 - 120 minutes– 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		■	■	■		9030026D
	Holding frame Multi-/SmartControl <ul style="list-style-type: none">– Fastened by screws at the mounting point– Multi-/SmartControl is clicked into the holding frame	■	■	■	■		9030077A
	Adhesive pad Multi-/SmartControl <p>Included in kit 9029783C, 9030025D and 9030026D</p>	■	■	■	■		9029618A
	Rocker switch ON/OFF <ul style="list-style-type: none">– 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)		■	■	■	■	9032550A
	Expansion kit 4-pole standard plug <ul style="list-style-type: none">– Expansion cable for 4-pole standard plug– For Rocker switch ON/OFF, UniControl, MultiControl, SmartControl, ThermoConnect TCon2– Cable length 3m	■	■	■	■	■	9031988A

Water Heaters

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 4/5/5+, Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350		SPump 500 CAN
	U4847 Econ	U4840	U4850	Aquavent 5000/5000S	Aquavent 6000C/6000SC	
Nominal voltage (V)	12 / 24			5000: 12/24 5000S: 24	24	24
Nominal power consumption (W)	15	29	67	104	210	500
Volume flow (l/h)	500 (0.14 bar)	700 (0.34 bar)	1,500 (0.56 bar)	5,000 (0.2 bar)	6,000 (0.4 bar)	10,000 (0.5 bar)
Dimensions L x W x H (mm)	109 x 49 x 79	134 x 53 x 90	118 x 80 x 104	5000: 229 x 100 x 105 5000S: 249 x 100 x 105	6000C: 225 x 110 x 115 6000SC: 229 x 110 x 115	212 x 140 x 172
Water connection, Ø (mm)	20			38		
Weight (kg)	0.3	0.4	0.7	5000: 2.1 5000S: 2.2	6000C: 2.4 6000SC: 2.5	2.6

U4847 Econ

Model overview	Order number
U4847 Econ coolant pump 12 V	1323835A
U4847 Econ coolant pump 24 V	9028635A

U4840

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

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)	9810034A
Aquavent 5000 (U4814.10) coolant pump 24 V (AMP DC MB)	9810043A
Aquavent 5000S (U4854.01) coolant pump 24 V (AMP 6.3)	9810179B
Aquavent 5000S (U4854.08) coolant pump 24 V (AMP DC MB)	9810182B

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)	9810016A
Aquavent 6000SC (U4856.08) coolant pump 24 V (AMP DC MB)	9810017A

SPump 500 CAN


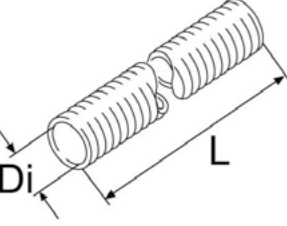
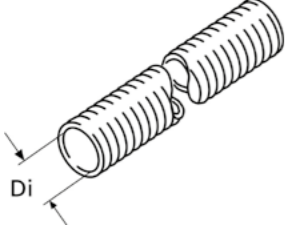
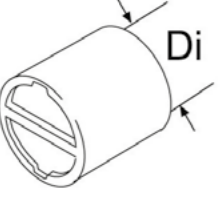
Model overview	Order number
SPump 500 CAN 03 coolant pump 24 V (Packard Delphi)	SPH11125950A
SPump 500 CAN 09 coolant pump 24 V (Packard Delphi)	SPH11139729A



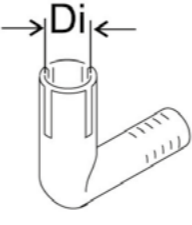
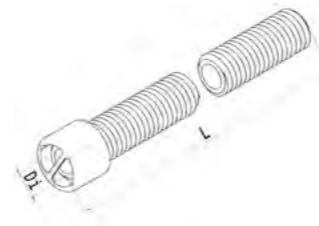
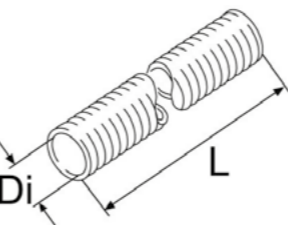
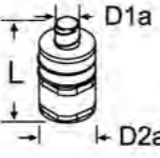
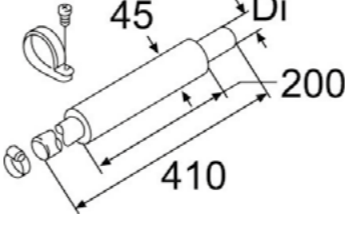
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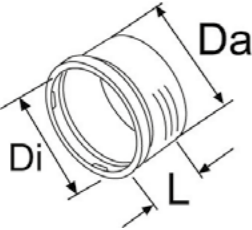
Combustion Air Line

		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	Dual Top ST	Order number
	Flexible pipe									
	Di = 22, L = 10000, PAK	■		■	■					1321566A
	Di = 22, L = 20000, PAK	■		■	■					1321565A
	Di = 25, L = 10000, PAK		■						■	1321588A
	Di = 25, L = 20000, PAK		■						■	1321586A
	Di = 25, L = 5000, PAK		■						■	1321587A
	Di = 30, L = 10000, PAK					■				1321558A
	Di = 30, L = 20000, PAK					■				1321542A
	Di = 30, L = 5000, PAK					■				1321557A
	Di = 55, L = 10000, TPE						■	■		1321512A
	Flexible pipe for air intake silencer									
	Di = 21.4, H-M-A									
	L = 400	■		■	■					1323271A
	L = 1000	■		■	■					9035621A
	Flexible pipe									
	Di = 30, Da = 34, stainless steel									
	L = 3000					■				1321494A
	L = 5000					■				1321495A
	L = 10000					■				1321496A
	L = 20000					■				1321493A
	Protection cap									
	plastic									
	Di = 27	■		■	■					1320257A
	Di = 36		■						■	1321067A
	Di = 39					■				1320258A

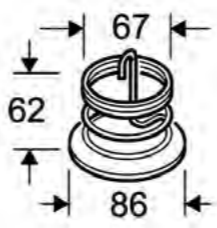
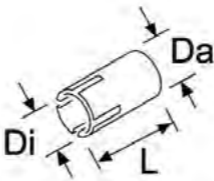
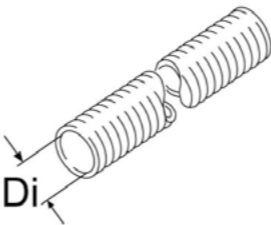
Combustion Air Line

		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	Dual Top ST	Order number
	Combustion air elbow									
	Di = 22, plastic	■		■	■					1320144A
	Di = 25, plastic		■						■	1320278A
	Di = 22, Da = 27, L = 1000/80, black	■	■							1320842A
	Air intake silencer									
	Di = 30, L = 500, PAK/PAK, with protection cap					■				1322512A
	Air intake silencer									
	Di = 22, L = 800, PAK, without protection cap	■		■	■					1322455A
	Di = 25, L = 650, PAK, with protection cap		■						■	1319924A
	Di = 30, L = 1160, PAK, without protection cap					■				1319607A
	Air intake silencer									
	D2a = 52, plastic									
	D1a = 21, L = 97, black	■		■	■					9026725A
	D1a = 21, L = 97, with mounting base, black	■		■	■					98141A
	D1a = 21, L = 137.5, black	■		■	■					1315744B
	D1a = 24.2, L = 138, complete with 300 mm flexible pipe		■						■	9025956A
	Air intake silencer									
	intake silencer Di = 30, without mounting parts					■				1320665A

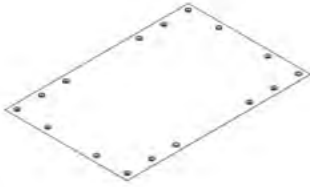
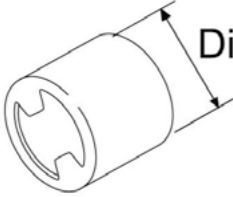
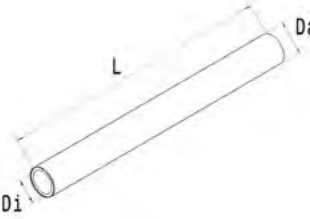
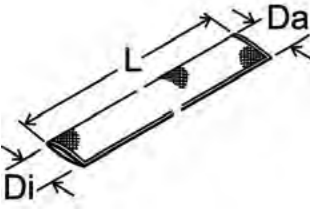
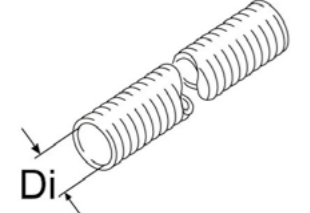
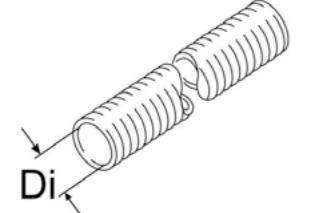
Combustion Air Line

		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	Dual Top ST	Order number
	Air intake silencer									
	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


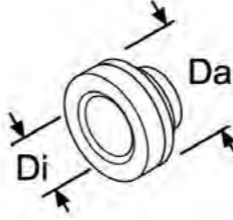
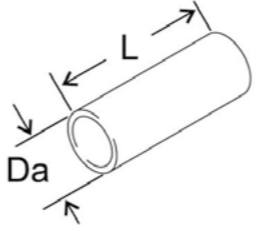
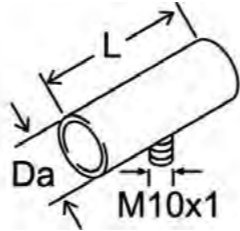
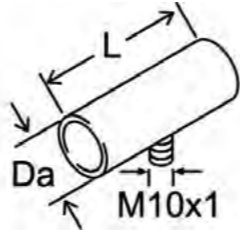
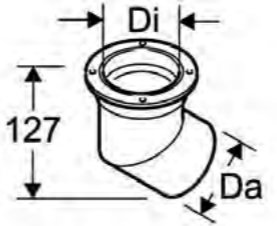
Exhaust System

		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	Dual Top ST	Order number
	Exhaust deflector									
	Di = 67, Da = 86, H = 62							■		1320436A
	Exhaust pipe reducer sleeve									
	Di = 22, Da = 24, L = 40, stainless steel		■	■	■				■	1320382A
	Flexible pipe									
	stainless steel									
	Di = 24, Da = 28, L = 1500		■						■	1312769A
	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 = 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

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	Dual Top ST	Order number
	Protective pad									
	insulation blanket for silencer					■				9028104A
	Protection cap									
	Di = 26, L = 17, for flexible exhaust pipe, stainless steel	■		■	■				■	1320109A
	Di = 38, L = 17, stainless steel, for flexible exhaust pipe, 10 pieces					■				1321753A
	Di = 28, L = 17, for flexible exhaust pipe, stainless steel		■						■	1320217A
	Di = 31, for APK flex tube, plastic, black		■						■	1321058A
	Di = 34, stainless steel		■						■	1320110A
	Heat protection hose									
	Di = 28, Da = 38, fiberglass, with cover, non-flammable, interior resistant to temperatures up to 500 °C									
	L = 324	■		■	■				■	1319670A
	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 = 10000, GA2-A					■	■			1321602C
	Di = 45, L = 5000, GA2-A					■	■			1321603A

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	Dual Top ST	Order number
	Spacer ring for exhaust pipe									
	Di = 25, Da = 48, W = 21, for flexible pipe	■		■	■				■	1317843A
	Exhaust feed-through									
	Di = 26, Da = 56, silicone-elastomere, red	■	■		■					1320200A
	Exhaust connecting pipe									
	Da = 24, L = 50, stainless steel		■						■	1319937A
	Exhaust connecting pipe									
	L = 65, stainless steel									
	Da = 24		■						■	1319935A
	Da = 38, with condensate drain					■	■			1320959A
	Exhaust deflector									
	Di = 70, Da = 70, stainless steel							■		1319666A

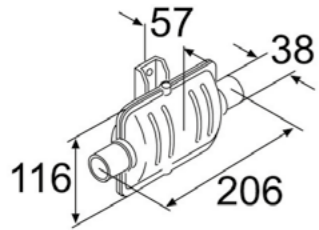
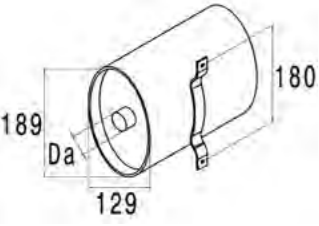
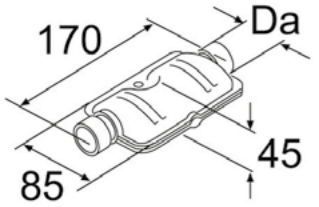
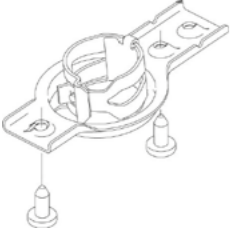
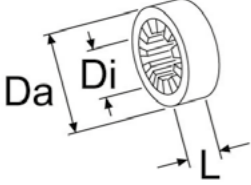
Exhaust System

		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	Dual Top ST	Order number
	Exhaust elbow									
	Di = 71, Da = 67, L = 170, W = 85, painted, 90°							■		1319441A
	Exhaust elbow									
	Di = 24, Da = 24, L = 97, stainless steel									
	without condensate drain		■						■	1320383A
	with condensate drain		■						■	1320378A
	Exhaust elbow									
	Di = 22, aluminium, without condensate drain	■		■	■				■	1320117A
	Exhaust elbow									
	Di = 38, Da = 38, 180°, with condensate drain, stainless steel						■			1319380A
	Condensate drain									
	L = 128, M10x1, with mounting parts, copper	■	■	■	■	■	■		■	92621A

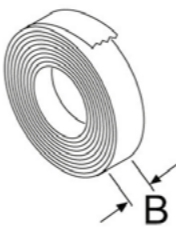

Exhaust System

		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	Dual Top ST	Order number
	Exhaust lead through									
	stainless steel									
	D1a = 22, D2a = 75, L = 102.5	■		■	■					1319427A
	D1a = 38, D2a = 95, L = 125					■	■			1319428A
	Exhaust lead through									
	double walled, bended, stainless steel									
	Da = 24		■						■	1320364A
	Da = 38					■	■			1320365A
	Exhaust lead through									
	double walled, straight, stainless steel									
	Da = 24		■						■	1320363A
	Da = 38					■	■			1320983A
	Exhaust silencer									
	Di = 24.5, Da = 56, L = 1800, L1 = 650, L2 = 850		■						■	1322001A
	Di = 38, L = 1000, outside with partial fiberglass insulation					■	■			1321823A
	Insulating sleeve									
	L = 120, W = 108, glass fabric, for exhaust silencers 1320841A, 1320895A and 1320488A	■	■	■	■				■	1320848A

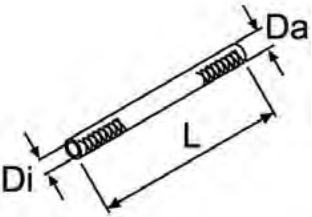
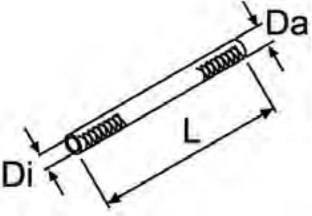
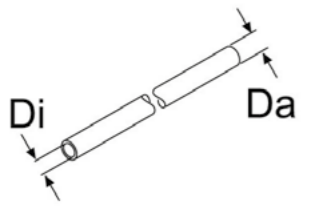
Exhaust System

		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	Dual Top ST	Order number
	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 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
	Rubber profile with nut									
	L = 20, rubber, red									
	Di = 20, Da = 40	■	■	■	■	■				1320095A
	Di = 22, Da = 46	■		■	■					1320080A

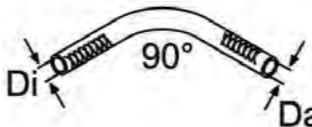
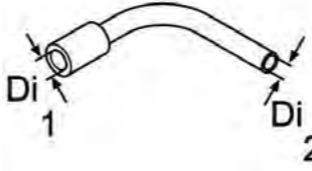
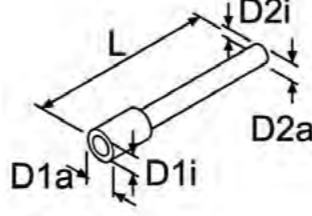
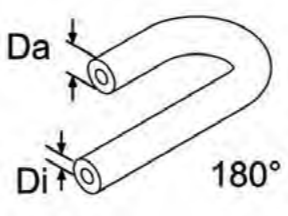
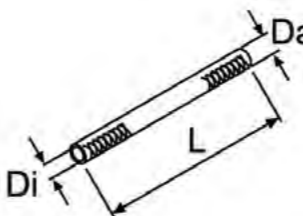
Exhaust System

		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	Dual Top ST	Order number
	Insulating tape									
	L = 50000, W = 60, white, fibre glass, temperature up to 450 °C, 2 mm thick	■	■	■	■	■	■	■	■	1320357A
	Exhaust mounting kit									
	Di = 42, with pipe clamp and 2 brackets						■			9035487A

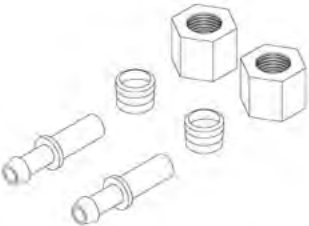



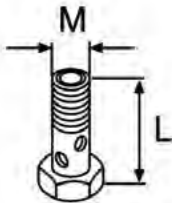
Fuel System

		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	Dual Top ST	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	■	■	■	■	■			■	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
	Fuel hose									
	Di = 1.5, Da = 5, L = 3000, PA12 ETFE, black	■	■	■	■	■			■	9030543A
	Di = 1.5, Da = 5, L = 6000, PA12 ETFE, black	■	■	■	■	■			■	9030542A
	Di = 1.5, Da = 5, L = 8000, PA12 ETFE, black	■	■	■	■	■			■	9030538A
	Di = 1.5, Da = 5, L = 11000, PA12 ETFE, black	■	■	■	■	■			■	9030540A
	Di = 1.5, Da = 5, L = 100000, PA12 ETFE, black	■	■	■	■	■			■	9030532A
	Di = 2, Da = 5, L = 3000, PA 12, EFEP, black	■	■	■	■	■			■	1322456A
	Di = 2, Da = 5, L = 5000, PA 12, EFEP, black	■	■	■	■	■			■	1321519A
	Di = 2, Da = 5, L = 5000, PA9T-PA12, black	■	■	■	■	■			■	1321772A
	Di = 2, Da = 5, L = 10000, PA 12, EFEP, black	■	■	■	■	■			■	1321521A
	Di = 2, D1a = 5, L = 100000, PA 12, transparent	■	■	■	■	■			■	9030734A


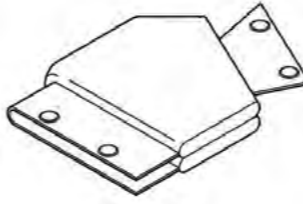
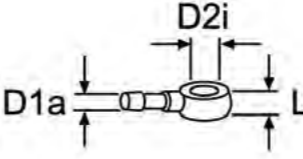
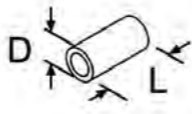
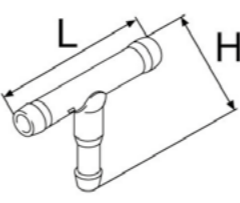
Fuel System

		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	Dual Top ST	Order number
	Molded hose 90°									
	Di = 4.5, Da = 10.5, 90°									
	VOME-resistant	■	■	■	■	■			■	9023384A
	Molded hose 90° with reduction									
	D1i = 3.5, D2i = 9.5, PME-resistant	■	■	■	■	■			■	1319677A
	D1i = 4.5, D2i = 7.5, in combination with 1320413A	■	■	■	■	■			■	1319718A
	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

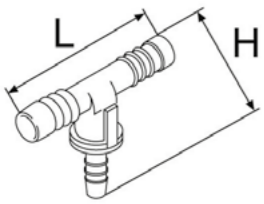
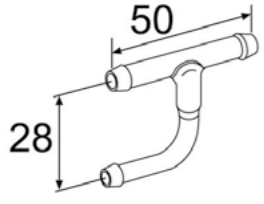
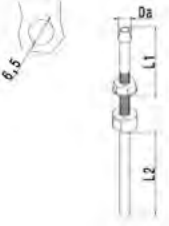
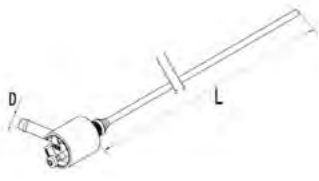
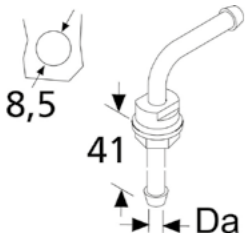
Fuel System

		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	Dual Top ST	Order number
	Connection parts									
	2 compression rings BS-8, 2 pipe nozzle junctions 8-6, 2 coupling nuts A3-L8						■			9038207B
	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
	EN ISO 7840 with screw fasteners, hoses 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

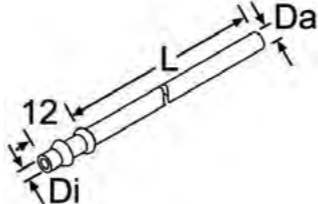
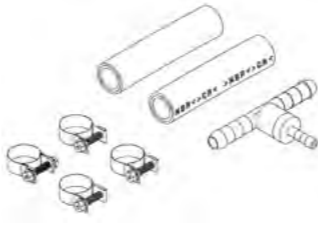
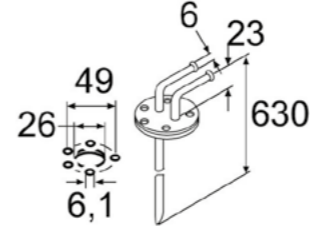
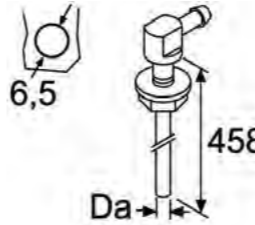
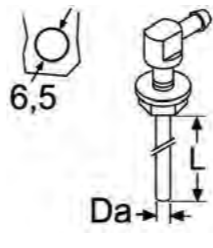
Fuel System

		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	Dual Top ST	Order number
	Fuel connection kit									
	2 banjo bolts DIN7643 6-3 S, 2 banjo connections M10x1, 2 hose clamps, 4 sealing rings						■	■		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
	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


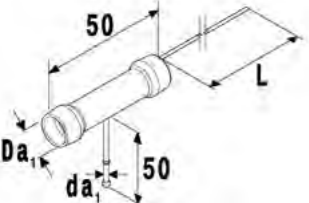
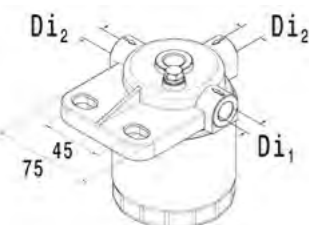


Fuel System

		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	Dual Top ST	Order number
	Fuel extractor, T-piece kit									
	L = 50, plastic									
	H = 36, 6 x 5 x 6	■	■	■	■	■			■	1321002A
	H = 38, 8 x 5 x 8	■	■	■	■	■			■	1320192A
	H = 39, 10 x 5 x 10	■	■	■	■	■			■	1321003A
	H = 40, 12 x 5 x 12	■	■	■	■	■			■	1319951A
	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
	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	■	■	■	■	■			■	1323996A
	Tank extracting device									
	Di = 4, Da = 6, drilling diameter 8.5 mm, steel						■	■		9035099A


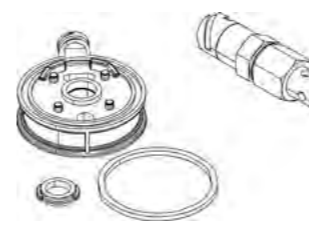
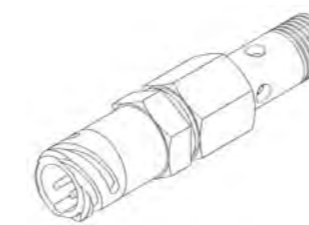
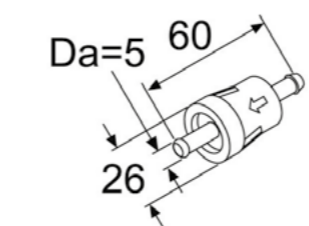
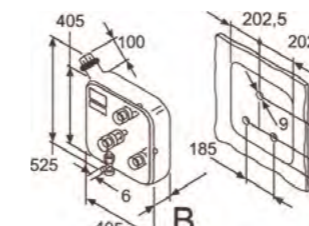
Fuel System

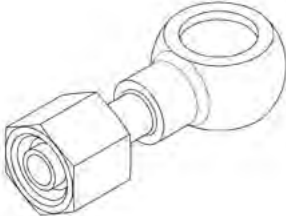
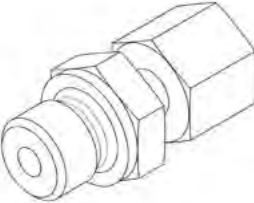
		Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Tank extractor									
	Di = 3, Da = 6, L = 322, plastic	■	■	■	■	■				1320413A
	Fuel extractor, T-piece kit									
	Fuel extractor for PME, plastic, T-piece 8x5x8, 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						■	■		1322830C
	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

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	Dual Top ST	Order number
	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
	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 120									
	can be used with holder of filter kit 9036520A or 9037295A, Successor of replacement filter KC74 (1320015A). Deviating dimensions						■	■		9042634A
	Fuel filter KC20									
	for filter kit 9036520A						■	■		9036522A

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	Dual Top ST	Order number
	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									
	with hose clips and connecting hoses, plastic, transparent, 10 pieces	■	■	■	■	■			■	9035270B
	with hose clips and connecting hoses, plastic, transparent	■	■	■	■	■			■	1319466A
	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	■	■	■	■	■				1322867B

										Order number
		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	Dual Top ST	
	Ring fitting with union nut									
	Ring fitting with union nut M14						■	■		9041597A
	Fuel adapter M14									
	M14 x 1.5 connection thread						■	■		9041595A

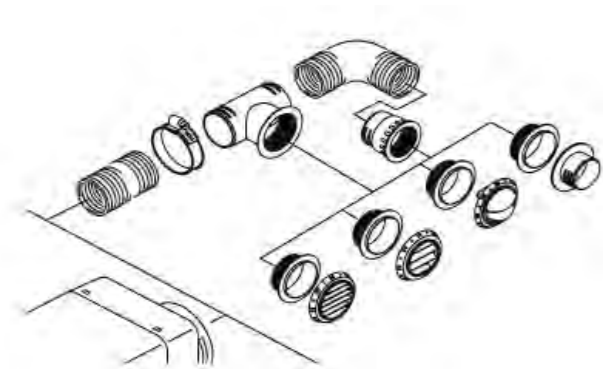
Hot Air System

Advantages and Features

Webasto offers the whole range for professional air ducting in recreational vehicles. High quality components combined with high flexibility to fit any application, this is what the Hot Air Ducting System (HADS) stands for!



- The advantages:**
- Full range of mounting parts needed for any application
 - Coloured air outlets, black, white, grey and brown fitting to any interior
 - Fast mounting without screws possible
 - Direct mounting on the wall possible (screws not visible in vehicle)
 - Same design for the air outlets 60 mm and 90 mm
 - Fast and easy installation, also in small spaces
 - High flexibility with reduction parts diameter 90/80 and 90/60



- More features:**
- High temperature resistance from -40 °C up to +140 °C
 - PA6.6 GF30 glass fibre reinforced synthetic material
 - Multiple combination possibilities to suit any application
- Webasto is not liable for applications made with non-Webasto air ducting parts, especially for parts not guaranteeing high temperature resistance.

Hot Air System

Combination Possibilities

Air ducting combination possibilities:



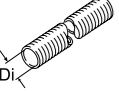

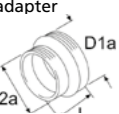

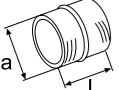



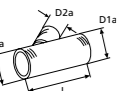

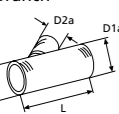

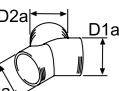

Heaters	Ducting	Ducting parts		Ducting	Outlets
<div> <div>Ø</div> <div>90</div> <div>80</div> </div> <div>Dual Top ST</div>	<div> <div>Ø</div> <div>80</div> <div>90</div> </div> <div>Ducting isolated</div>	<div> <div>Ø 60 90</div> <div>90</div> <div>60</div> </div> <div>T-Parts</div>	<div> <div>Ø</div> <div>60</div> <div>90</div> <div>60</div> </div> <div>T-Parts for outlets</div>	<div> <div>Ø</div> <div>80</div> <div>80</div> </div> <div>Ducting</div>	<div> <div>Ø</div> <div>90</div> <div>60</div> </div> <div>Outlet 45°</div>
<div> <div>Ø</div> <div>90</div> <div>90</div> </div> <div>Air Top Evo 40/55</div>	<div> <div>Ø</div> <div>80</div> <div>90</div> </div> <div>Ducting</div>	<div> <div>Ø 90</div> <div>90</div> <div>60</div> </div> <div>Elbows</div>	<div> <div>Ø</div> <div>90</div> <div>80</div> <div>60</div> </div> <div>Reducers</div>	<div> <div>Ø</div> <div>90</div> <div>90</div> </div> <div>Ducting</div>	<div> <div>Ø</div> <div>90</div> <div>60</div> </div> <div>Outlet 90°</div>
		<div> <div>Ø 60 90</div> <div>90</div> <div>60</div> </div> <div>Y-pieces</div>	<div> <div>Ø</div> <div>90</div> <div>60</div> <div>60</div> </div> <div>Connectors</div>	<div> <div>Ø</div> <div>60</div> <div>60</div> </div> <div>Ducting</div>	<div> <div>Ø</div> <div>90</div> <div>60</div> </div> <div>Outlet closeable</div>
<div> <div>Ø</div> <div>60</div> <div>60</div> </div> <div>Air Top 2000 STC</div>	<div> <div>Ø</div> <div>60</div> <div>60</div> </div> <div>Ducting</div>	<div> <div>Ø 60</div> <div>60</div> <div>90</div> </div> <div>Junctions</div>	<div> <div>Ø</div> <div>90</div> <div>60</div> </div> <div>Muffles</div>		<div> <div>Ø</div> <div>90</div> <div>60</div> </div> <div>Endcaps</div>
		<div> <div>Ø 60 80</div> <div>90</div> <div>80</div> </div> <div>Y-pieces</div>	<div> <div>Ø</div> <div>90</div> <div>60</div> </div> <div>Wall pipe adapters</div>		

Hot Air System

Air Flow Resistance Calculation

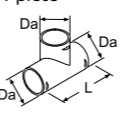

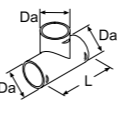

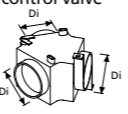

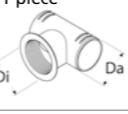











To ensure correct application with the correct air distribution system, it is important to have a continuous main line with openings that cannot be closed. The sum of the resistance points of the main line must not exceed the maximum number of resistance points for each air heater model. Lines branching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

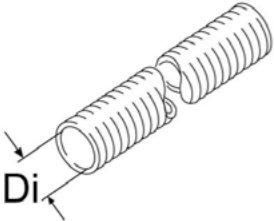
			Air Top 2000 STC: max. 325 resistance points			Air Top Evo 40: max. 550 resistance points Air Top Evo 55: max. 375 resistance points		
			50 / 60 mm inlet			80 / 90 mm inlet		
			Dim. in mm	Points	Id.	Dim. in mm	Points	Id.
Intake grill/grille			60	24	1320163A	90	65	1310581A
Flexible tubing per meter			55	30	various	80	27	various
			60	27	various	90	25	various
			55	10	various	80	7	various
			60	8	various	90	6	various
Reducing adapter			60>55	27	1320127A	90>60	211	1320760A
			–	–	–	90>80	45	1320925A
Hose connector			55	12	1319473A	80	5	1319476A
			60	10	1320469A	90	5	1319869A
Elbow in flexible tube			–	–	–	80	50	1319272A
			–	–	–	90	77	1320706A
Branch			60/60/60	9	1320472A	90/60/90	8	1320707A
Branch			60/60/60	21	1320472A	80/80/80	50	1319315A
Y-piece			–	–	–	80/55/55	230	1320753A
			–	–	–	80/60/60	201	1320471A
			–	–	–	90/80/80	50	1320375A
			–	–	–	90/90/90	42	1320470A

Hot Air System


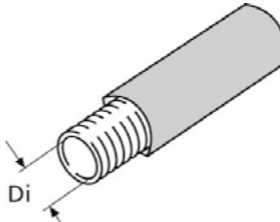

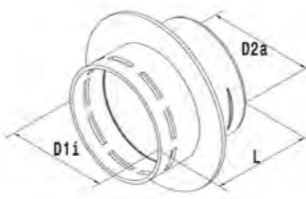

Air Flow Resistance Calculation

			Air Top 2000 STC: max. 325 resistance points			Air Top Evo 40: max. 550 resistance points Air Top Evo 55: max. 375 resistance points		
			50 / 60 mm inlet			80 / 90 mm inlet		
			Dim. in mm	Points	Id.	Dim. in mm	Points	Id.
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	90/90/90	21	1320926A
			60/60/60	20	1320352A	–	–	–
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
Closeable air outlet			Ø 60/black	59	1320206A	–	–	–
			Ø 60/white	59	1320207A	Ø 90/white	50	1320713A
			Ø 60/grey	59	1320937A	Ø 90/black	50	1320355A
			Ø 60/brown	59	1320208A	Ø 90/grey	50	1320714A
Outlet 45°			Ø 60/45°/black	139	1320204A	–	–	–
			Ø 60/45°/white	139	1320205A	Ø 90/45°/black	134	1320709A
			Ø 60/45°/grey	139	1320933A	Ø 90/45°/white	134	1320710A
			Ø 60/45°/brown	139	1320761A	Ø 90/45°/grey	134	1320354A
Outlet 90°			Ø 60/90°/black	35	1320934A	–	–	–
			Ø 60/90°/white	35	1320935A	Ø 90/90°/black	33	1320932A
			Ø 60/90°/grey	35	1320936A	Ø 90/90°/grey	33	1320712A
			Ø 60/90°/brown	35	1320762A	Ø 60/90°/white	33	1320711A
Wall socket			60	10	1320923A	–	–	–
			–	–	–	90	12	1320924A
			60	24	1322405A	–	–	–

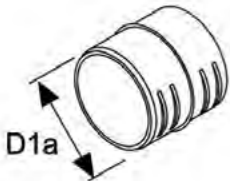

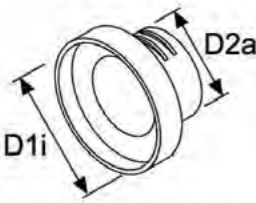
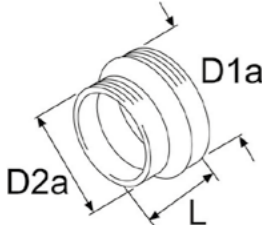

Hot Air System

	Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	Flexible pipe			
	■	■	■	1322082A
	■	■	■	1321701B
	■	■	■	1315889A
	■	■	■	1321580B
	■	■	■	1311891C
	■	■	■	1311896C
	■	■	■	1322083C
	■	■	■	1321727C
	■	■	■	1321692B
	■	■	■	1321574B
	■	■	■	1321504A
	■	■	■	1321697B
	■	■	■	1311892C
	■	■	■	1311898C
	■	■	■	1321575C
	■	■	■	1321531A
	■	■	■	1321533A
	■	■	■	1321718C
	■	■	■	1321729B
	■	■	■	1322147B
	■	■	■	1321576C
	■	■	■	1321582B
	■	■	■	1311893C
	■	■	■	1311900C
	■	■	■	1321577B
	■	■	■	1321719C
	■	■	■	1321731C
	■	■	■	1321578C
	■	■	■	1321506B
	■	■	■	1311894C
	■	■	■	1311902C
	■	■	■	1321579C
	■	■	■	1321508A


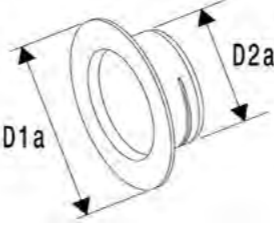
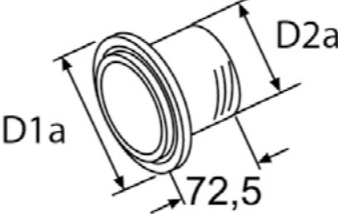
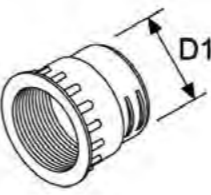
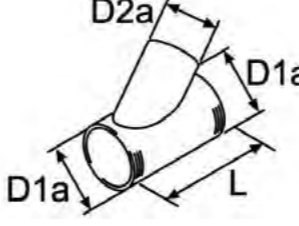
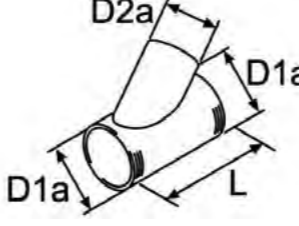
Hot Air System

	Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	Elbow			
		■	■	1319272A
	Insulated hose			
		■	■	1321515A
		■	■	1321517A
	Adapter for heater connection			
		■	■	1320186A
	Adapter for heater connection			
	■			1321005A
	Adapter ring			
	■	■	■	1320224A
	■	■	■	1320040A


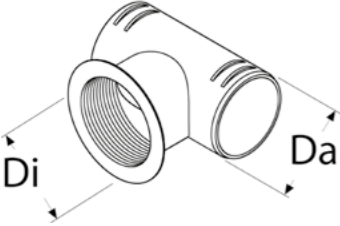
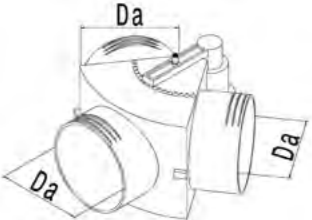
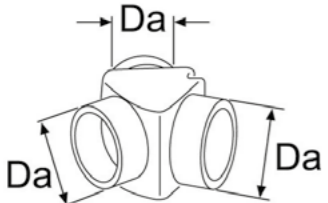
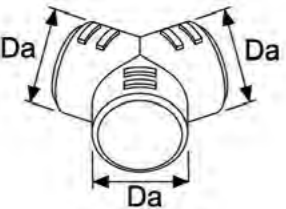
Hot Air System

		Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	Double fitting				
	plastic, black				
	D1a = 55, L = 55, for connecting flexible pipes	■	■	■	1319473A
	D1a = 60, L = 51, for connecting flexible pipes	■	■	■	1320469A
	D1a = 80, L = 75, for connecting flexible pipes	■	■	■	1319476A
	D1a = 90, L = 51, for connecting flexible pipes	■	■	■	1319869A
	End cap				
	plastic, black				
	Da = 60	■	■	■	1320477A
	Da = 90	■	■	■	1319870A
	Reduction adapter				
	D1i = 90, for connecting flexible pipes, plastic, black				
	D2a = 60, L = 59	■	■	■	1320760A
	D2a = 80, L = 50	■	■	■	1320925A
	Reduction adapter				
	for connecting flexible pipes				
	D1a = 60, D2a = 55, L = 35, plastic, black	■	■	■	1320127A
	D1a = 80, D2a = 55, L = 82, plastic, black	■	■	■	1319477A
	D1a = 80, D2a = 60, L = 190, steel, corrosion-resistant	■	■	■	1319312A
	D1a = 90, D2a = 80, L = 45, plastic, black	■	■	■	1320185A
	Elbow				
	Da = 90, plastic, black	■	■	■	1320706A

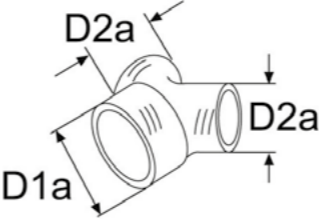
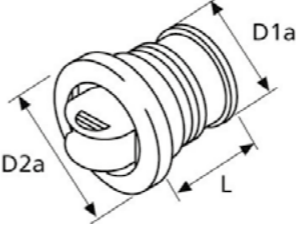
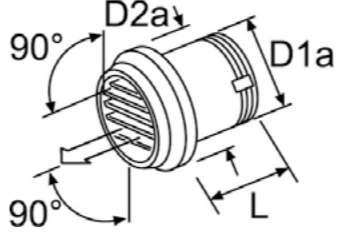


Hot Air System

		Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	Hot air elbow 90°				
	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				
	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


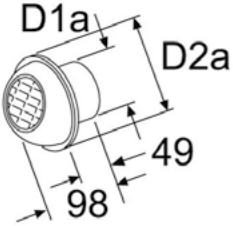
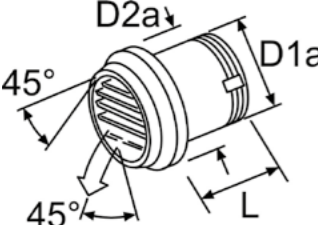
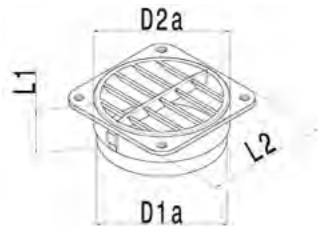
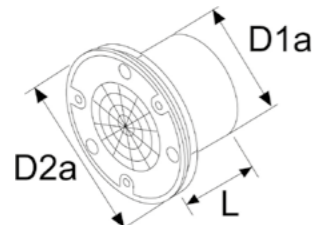
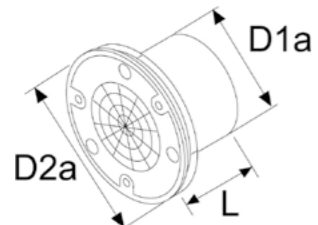
Hot Air System

		Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	T-piece				
	L = 110, plastic, black				
	Da = 60	■	■	■	1320474A
	Da = 90	■	■	■	1320473A
	T-piece				
	Di = 60, black				
	Da = 90, L = 140, plastic, in combination with 60 mm air outlet, with thread	■	■	■	1320475A
	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
	Da = 60	■	■	■	1320352A
	Da = 80, with remote control flap valve	■	■	■	1319214A
	Da = 90	■	■	■	1320926A
	Distributor Y-unit				
	plastic, black				
	Da = 55	■	■	■	1319416A
	Da = 80	■	■	■	1319212A
	Distributor Y-unit				
	plastic, black				
	Da = 60	■	■	■	1320814A
	Da = 90	■	■	■	1320470A

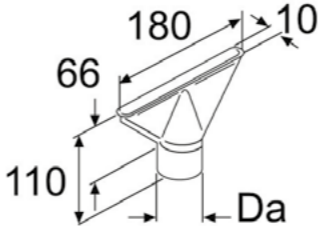



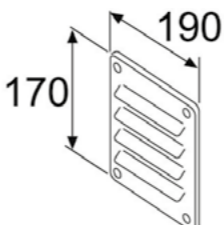
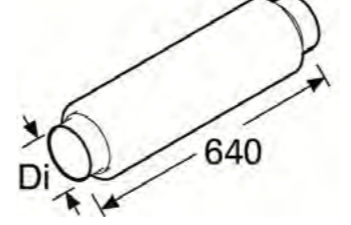
Hot Air System

		Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	Air outlet 45° rotatable				
	plastic, black				
	D1a = 80, D2a = 55	■	■	■	1320753A
	D1a = 80, D2a = 60	■	■	■	1320471A
	D1a = 90, D2a = 80	■	■	■	1320375A
	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	■	■	■	1320204A
	D1a = 60, D2a = 85, white	■	■	■	1320205A
	D1a = 60, D2a = 85, brown	■	■	■	1320761A
	D1a = 60, D2a = 85, grey	■	■	■	1320933A
	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	■	■	■	1320206A
	D1a = 60, D2a = 85, white, plastic	■	■	■	1320207A
	D1a = 60, D2a = 85, brown	■	■	■	1320208A
	D1a = 60, D2a = 85, grey, plastic	■	■	■	1320937A
	D1a = 90, D2a = 115, black, plastic	■	■	■	1320355A
	D1a = 90, D2a = 115, white, plastic	■	■	■	1320713A
	D1a = 90, D2a = 115, grey, plastic	■	■	■	1320714A

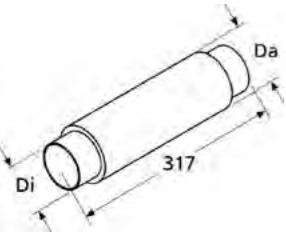

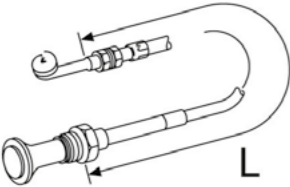
Hot Air System

		Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	Air outlet				
	plastic, 90°, with wall feed through				
	D1a = 60, D2a = 85, black	■	■	■	1320934A
	D1a = 60, D2a = 85, white	■	■	■	1320935A
	D1a = 60, D2a = 85, grey	■	■	■	1320936A
	D1a = 90, D2a = 115, white	■	■	■	1320711A
	D1a = 90, D2a = 115, grey	■	■	■	1320712A
	D1a = 60, D2a = 85, brown	■	■	■	1320762A
	D1a = 90, D2a = 115, black	■	■	■	1320932A
	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

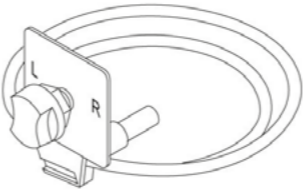
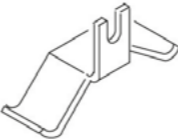
Hot Air System

		Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	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
	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

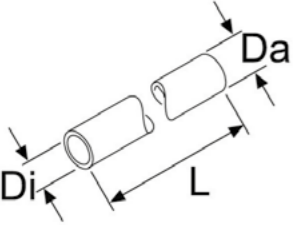
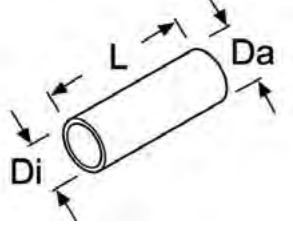
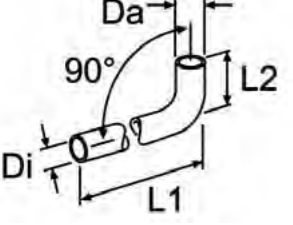
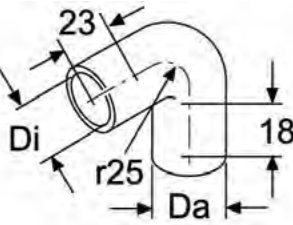
Hot Air System

		Air Top 2000 STC	Air Top Evo 40/55	Dual Top ST	Order number
	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	■	■	■	1320785A
	L = 1500	■	■	■	1320786A

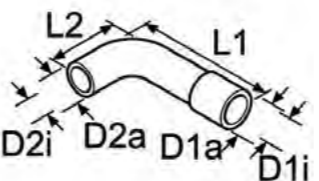
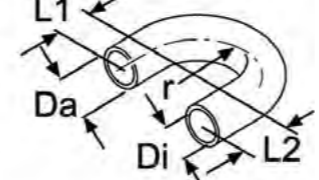

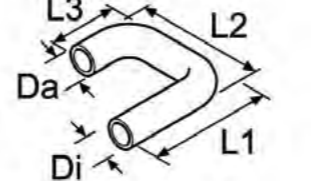
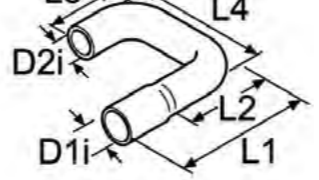
Hot Air System

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

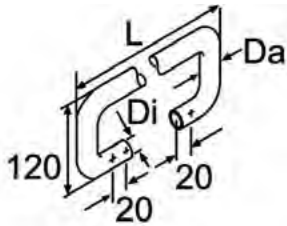
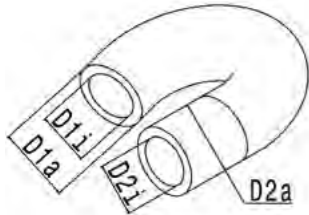
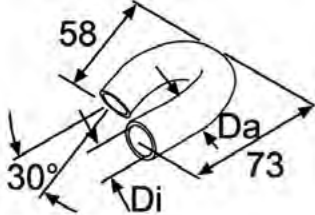
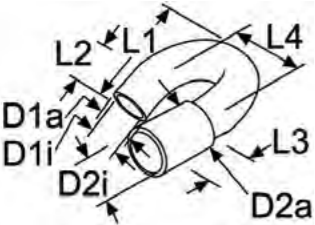
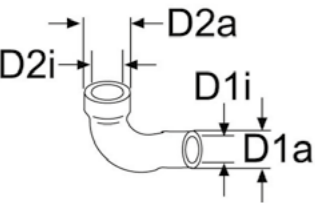
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	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 = 18, Da = 27, L = 2000	■	■	■	■	■		1319379A
	Di = 20, Da = 27, L = 380	■	■	■	■	■		1320960A
	Di = 38, Da = 50, L = 82						■	1319591A
	Di = 38, Da = 50, L = 130						■	1319756A
	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

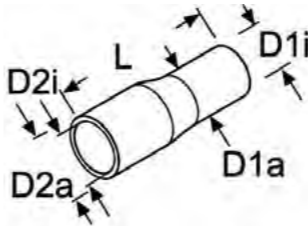
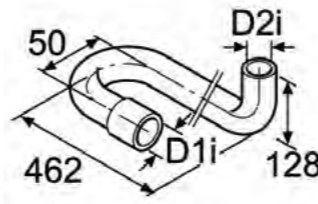
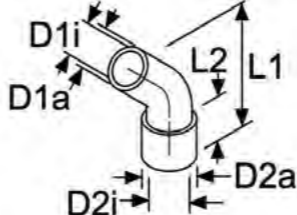
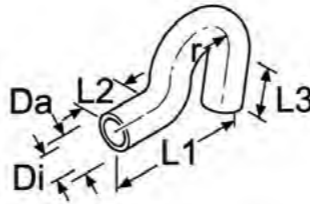
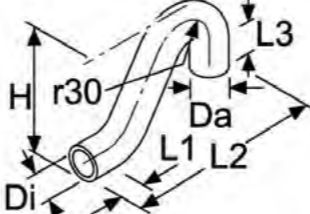
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	Molded hose 90°							
	D1i = 20, D2i = 18, D1a = 27, D2a = 25, black							
	L1 = 70, L2 = 70	■	■	■	■	■		1320870A
	L1 = 151, L2 = 55, 90°	■	■	■	■	■		1320201A
	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, L3 = 20	■	■	■	■	■		1322473A
	Molded hose 180°							
	D1i = 20, D2i = 15, D1a = 27, D2a = 22, L1 = 55, L2 = 20, L3 = 55, L4 = 65, 180°, black	■	■	■	■	■		1320901A

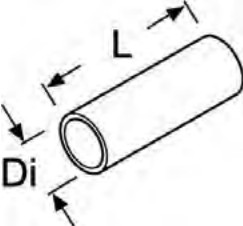
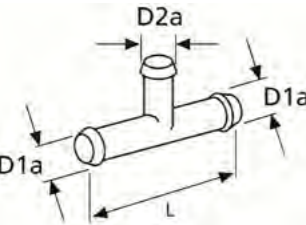
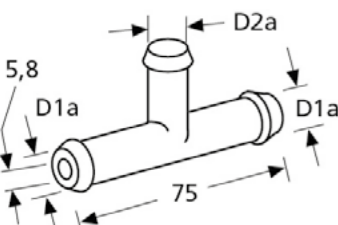
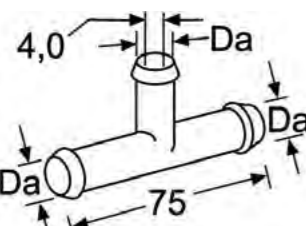
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	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
	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

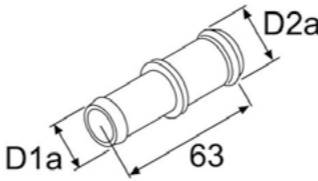
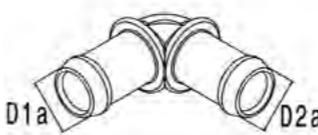
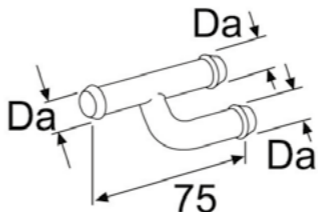
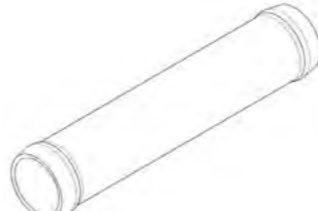
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	Molded hose with reduction							
	D1i = 18, D2i = 20, D1a = 25, D2a = 27, L = 60	■	■	■	■	■		1320856A
	D1i = 28, D2i = 38, D1a = 37, D2a = 47, L = 100, silicone, with reduction					■		1320374A
	D1i = 32, D2i = 38, D1a = 41, D2a = 47, L = 70, silicone					■		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
	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

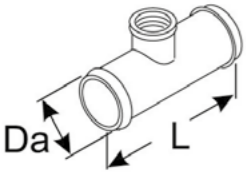
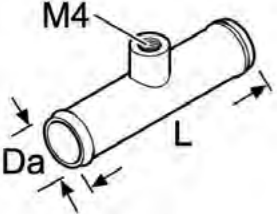


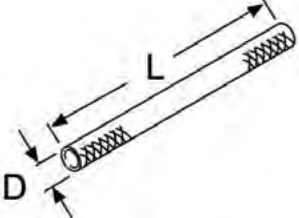
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	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	■	■	■	■	■		1322452A
	L = 250	■	■	■	■	■		1322501A
	L = 5000	■	■	■	■	■		1321590A
	T-piece							
	D1a = 15, D2a = 15, L = 75, steel, corrosion-resistant	■	■	■	■	■		1319289A
	D1a = 18, D2a = 15, L = 75, steel, corrosion-resistant	■	■	■	■	■		1320532A
	D1a = 18, D2a = 20, L = 80, brass	■	■	■	■	■		1320939A
	D1a = 18, D2a = 18, L = 75, plastic, black	■	■	■	■	■		1321001A
	D1a = 20, D2a = 10, L = 75, steel, corrosion-resistant	■	■	■	■	■		1319846A
	D1a = 20, D2a = 15, L = 75, steel, corrosion-resistant	■	■	■	■	■		1319290A
	D1a = 20, D2a = 18, L = 80, brass	■	■	■	■	■		1320356A
	D1a = 20, D2a = 20, L = 75, brass	■	■	■	■	■		1319602A
	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

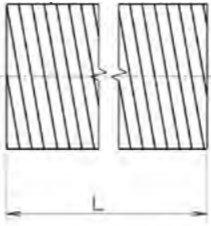
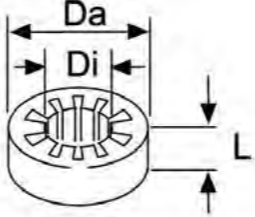
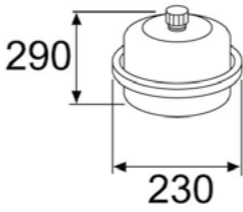

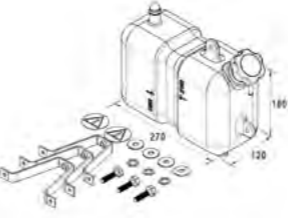
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	Connecting pipe							
	L = 63							
	D1a = 15, D2a = 18, 10 pieces, black	■	■	■	■	■		1321125A
	D1a = 15, D2a = 18, plastic, 20 pieces, black	■	■	■	■	■		9005813B
	D1a = 15, D2a = 20, plastic, 10 pieces, black	■	■	■	■	■		1321000A
	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
	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							
	Di = 15, L = 75, brass	■	■	■	■	■		1319279A

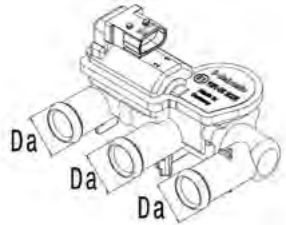
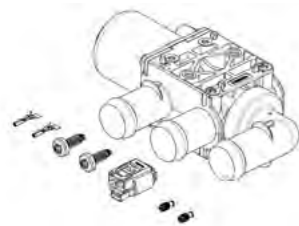
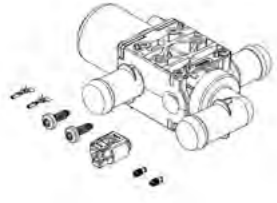
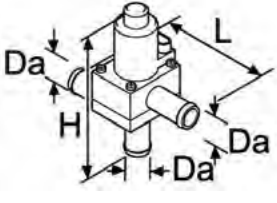
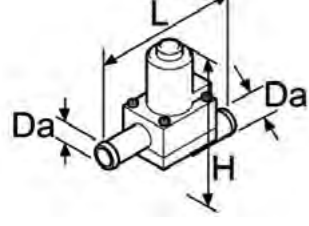
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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								
	Da = 15	■	■	■	■	■			1319263A
	Da = 18	■	■	■	■	■			1319519A
	Connector								
	Di = 10, brass-barb-connector, 2 pieces						■		9022380A
	Connector								
	pipe connector 15 mm to 10 mm, 2 pieces						■		9022381A
	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

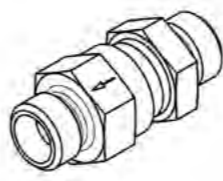
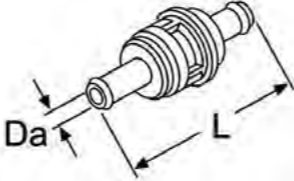
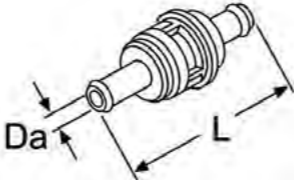
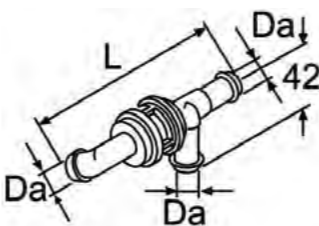
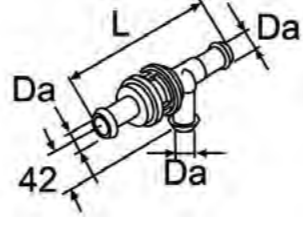
Water System

		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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

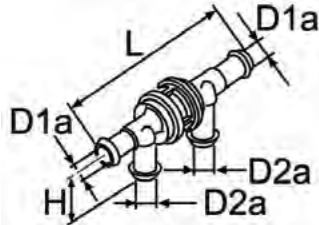
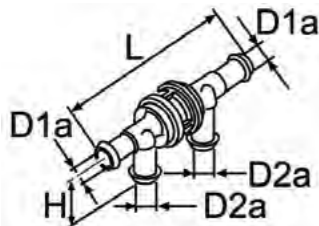
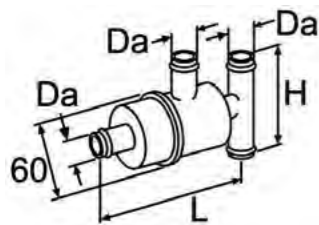
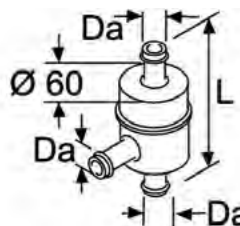
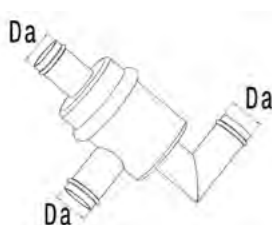
Valve

		eThermo Top Eco 20 P30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	3/2 way coolant motor valve							
	Da = 20							
	V = 12	■	■	■	■	■	■	90393588
	V = 24	■	■	■	■	■	■	1326899A
	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
	3/2 way electric valve							
	Da = 18, L = 84, W = 55, H = 101, V =12, metal/plastic, 3/2 way, normally open	■	■	■	■	■		9014606A
	2/2 way electric valve							
	Da = 20, L = 106, H = 100, V =12, metal/plastic, 2/2 way normally open, operating temperature -40 to 85 °C,	■	■	■	■	■		1319981A

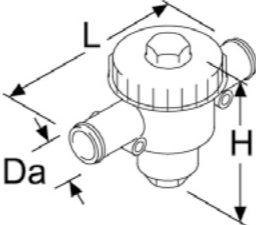
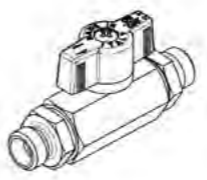
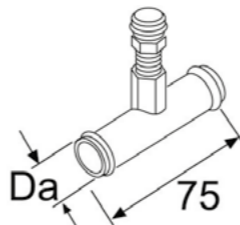
Valve

		eThermo Top Eco 20 P30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	Check valve							
	opening pressure 0.2 bar, max pressure 25 bar, operating range -40 to +100°C, connection M14 x 1.5					■		9035523A
	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 = 15, L = 104	■	■	■	■	■		1320240A
	Da = 18, L = 100	■	■	■	■	■		1319484A
	Da = 20, L = 120	■	■	■	■	■		1319554A
	Check valve							
	Da = 18, L = 104, without leak hole, plastic, black	■	■	■	■	■		1319264A
	Check valve							
	Da = 18, L = 104, without leak hole, plastic, black	■	■	■	■	■		1320563A


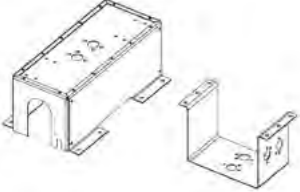
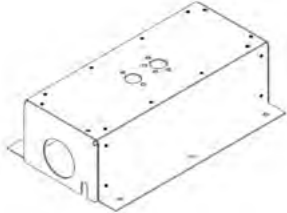

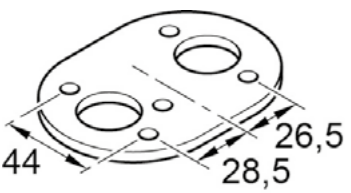
Valve

		eThermo Top Eco 20 P30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	Check valve							
	H = 42, with leak hole, plastic, black							
	D1a = 18, D2a = 18, L = 146	■	■	■	■	■		1319486A
	D1a = 20, D2a = 20, L = 162	■	■	■	■	■		1319595A
	Check valve							
	D1a = 18, D2a = 18, without leak hole, plastic, black							
	L = 82, H = 82	■	■	■	■	■		1319255A
	L = 146, H = 42	■	■	■	■	■		1319485A
	Thermostatic valve							
	L = 108, H = 70, with leak hole, starts to open at 59 °C, brass/steel, coated							
	Da = 18	■	■	■	■	■		1319986A
	Da = 20	■	■	■	■	■		1320253A
	Thermostatic valve							
	Da = 20, L = 112, without leak hole, starts to open at 70 °C, brass/steel, coated	■	■	■	■	■		1320033A
	Thermostat							
	Da = 18, open at 59°C, brass/steel, coated, black		■	■				1319987A

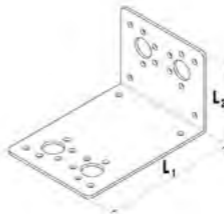
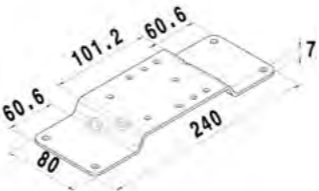

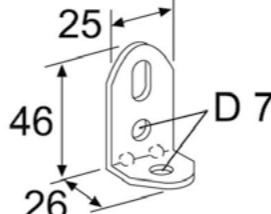
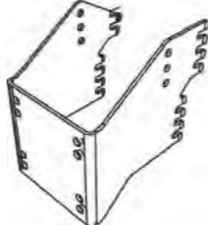
Valve

		eThermo Top Eco 20 P30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Order number
	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
	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

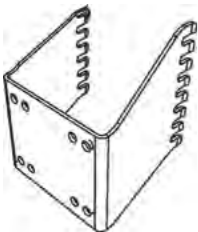
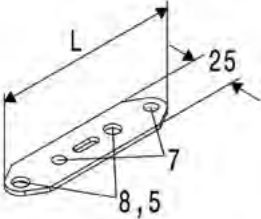

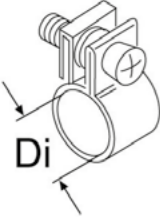
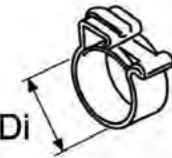
Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Installation box steel, enables additional installation options, with mounting parts and heating air adapter	■									86032A
	Installation box steel, with mounting parts		■								9016392B
	Installation box steel, with mounting parts	■									1311609B
	Air Top box metal/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

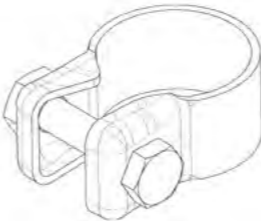
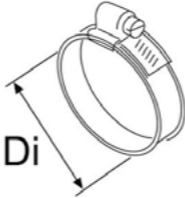
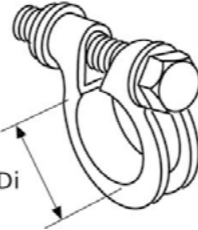
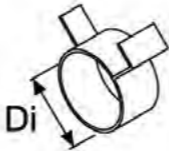
Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Heater bracket L1 = 157, L2 = 112, W = 130, stainless steel 3 mm, suitable for various installation options	■	■								1319936A
	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

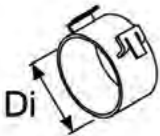
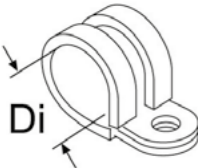

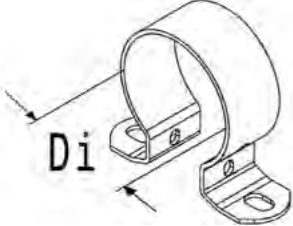

Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Holder										
	steel, corrosion-resistant, for vertical installation			■	■	■					1320494A
	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

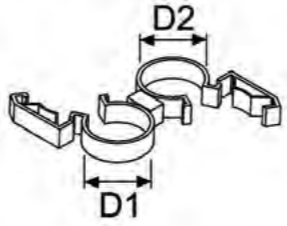
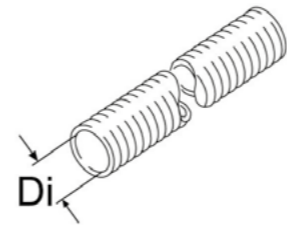
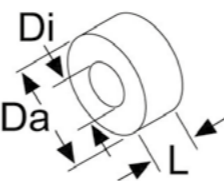
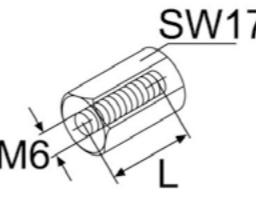
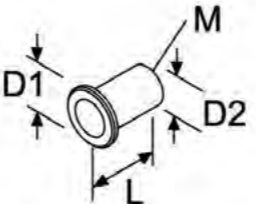
Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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
	Hose clip										
	W = 14.3, 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, 5 pieces	■	■	■	■	■	■	■	■		9023950A
	Di 90 – 110 mm	■	■	■	■	■	■	■	■		1320085A
	Pipe clamp										
	steel, corrosion-resistant, for flexible exhaust pipe										
	Di = 24, W = 10.4, with screw	■		■	■	■					1320815A
	Di = 30, W = 11.5, with carriage bolt		■							■	1320203A
	Di = 39, W = 13.5, with screw					■	■				1320194A
	Spring band clamp Type B										
	W = 12, 10 pieces, stainless steel, grey										
	Di = 25	■	■	■	■	■	■	■		■	9009019A
	Di = 27	■	■	■	■	■	■	■		■	9009018A
	Di = 29	■	■	■	■	■	■	■		■	9030194A


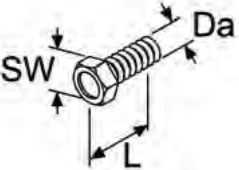

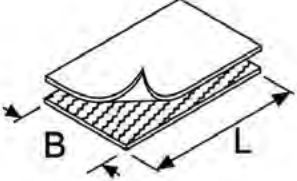
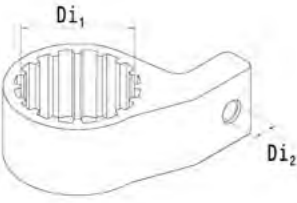
Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Spring band clamp Type E										
	W = 12, space-saving clip, 10 pieces, steel, corrosion-resistant, black										
	Di = 22, E2	■	■	■	■	■	■	■		■	9011662A
	Di = 25, E2	■	■	■	■	■	■	■		■	9009022A
	Di = 27, E2	■	■	■	■	■	■	■		■	9009023A
	Di = 28, E1	■	■	■	■	■	■	■		■	9014607A
	Fastening clamp										
	stainless steel with rubber										
	Di = 34, W = 15	■	■	■	■	■	■	■	■	■	1319701A
	Di = 34, W = 20, 10 pieces	■	■	■	■	■	■	■	■	■	1320236A
	Di = 35	■	■	■	■	■	■	■	■	■	1320106A
	Di = 35, W = 20, 5 pieces	■	■	■	■	■	■	■	■	■	9022835A
	Di = 48, 5 pieces	■	■	■	■	■	■	■	■	■	9023387A
	Fastening clamp										
	Di = 12.5, polyamid	■	■	■	■	■	■	■	■	■	1320486A
	Di = 18, W = 15, stainless steel, 6.5 mm fastening hole	■	■	■	■	■	■	■	■	■	1320042A
	Di = 25, W = 15, stainless steel, 6.5 mm fastening hole, 10 pieces	■	■		■	■	■		■		9023007A
	Di = 28, W = 15, stainless steel, 6.5 mm fastening hole, 5 pieces	■	■	■	■	■	■	■	■		1320277A
	Di = 42, W = 15, stainless steel, 6.5 mm fastening hole, 5 pieces	■	■	■	■	■	■	■	■	■	1320276A
	Fastening clamp										
	Di = 60, W = 30, stainless steel, 5 pieces	■	■	■	■	■	■	■	■	■	1321849A
	Hose and cable holder										
	plastic, 5 pieces, black										
	D1 = 8 – 9; D2 = 22 - 24	■	■	■	■	■	■	■	■	■	1321051A
	D1 = 7.2 – 7.5; D2 = 22 – 24	■	■	■	■	■	■	■	■	■	9010998A
	D1 = 10 – 12, D2 = 19 – 24.5	■	■	■	■	■	■	■	■	■	9010999A
	D1 = 22 – 24, D2 = 22 – 24	■	■	■	■	■	■	■	■	■	9011000A
	D1 = 25 – 28, D2 = 21.5 – 24	■	■	■	■	■	■	■	■	■	9011001A
	D1 = 37 – 41, D2 = 21.5 – 24	■	■	■	■	■	■	■	■	■	9011002A

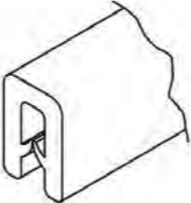
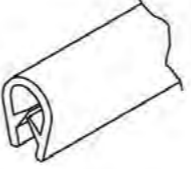
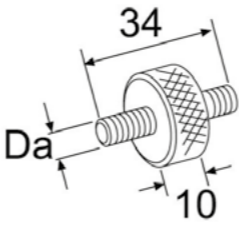



Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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
	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

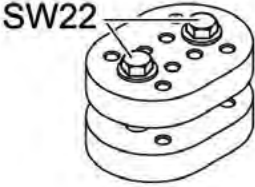

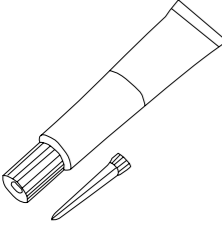

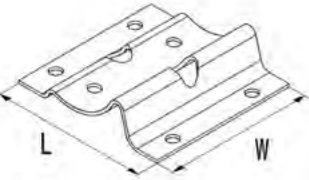
Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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
	Fuel pump holder										
	D1i = 35, D2i = 6.5, rubber, 3 pieces, black	■	■		■	■	■				1320193A

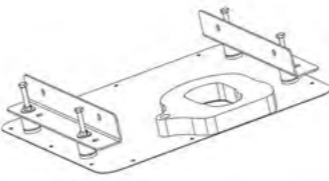
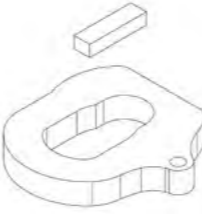

Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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										
	L = 34, not suitable for fastening heaters, 5 pieces										
	M6	■	■	■	■	■	■	■	■	■	9023020A
	Anti-vibration mount										
	M8	■	■	■	■	■	■	■	■	■	9041391A
	Foam layer										
	Foam strip self-adhesive, 50 pieces	■	■	■	■	■	■	■	■	■	1321793A
	Information sign										
	Label warning for refueling car, self-adhesive	■	■	■	■	■	■	■	■	■	1321021A

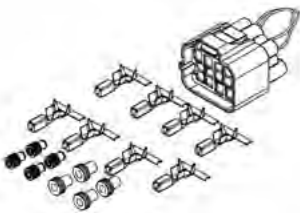
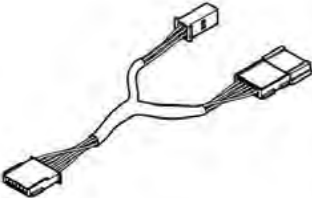
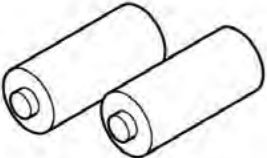
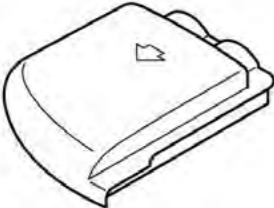
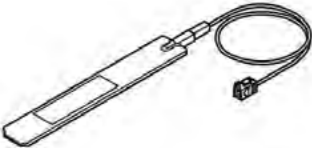
Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Flat drawing tool										
	Tool for flat drawing	■	■								1319729A
	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





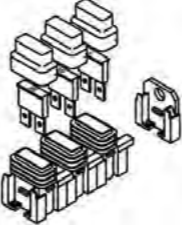
Mounting Parts

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Kit Dual Top inside application										
										■	9021728A
	Sealing for inside application										
										■	1320726A
	Dual Top basic application										
	L-brackets and mounting parts									■	9021708A

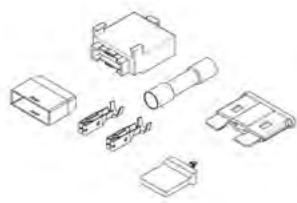


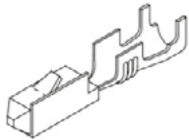
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Wiring harness adapter kit L = 3000, for Dual Top RHA to Dual Top Evo, for connection of old to new wiring harness										1320837A
	Y adapter for wiring harness Y-adapter wiring harness for retrofitting aftermarket controls to OE Telesstart, generic				■						1319873A
	Y-adapter wiring harness for retrofitting aftermarket controls to OE Telesstart, 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

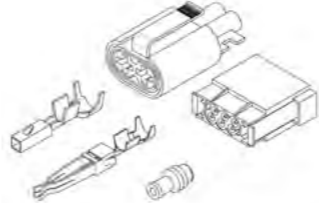

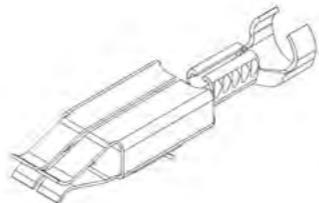
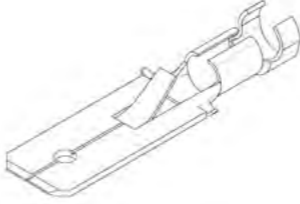
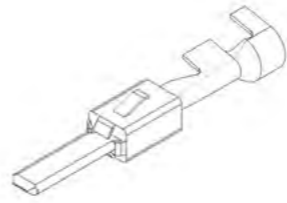
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	GSM-Antenna GSM-Antenna Thermo Call for TC4	■	■		■	■	■				7100354B
	IPCU module for PWM vehicle blowers				■						1322640A
	Blower control kit LIN-PWM gateway 12 V, wiring harnesses and installation instructions, for PWM und LIN vehicle blowers				■						1321108A
	IPCU module 12 V, wiring harnesses and installation instructions, for PWM vehicle blowers				■						9013645A
	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

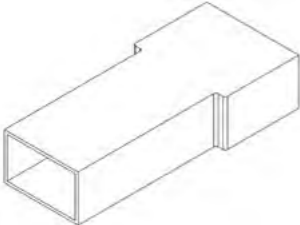
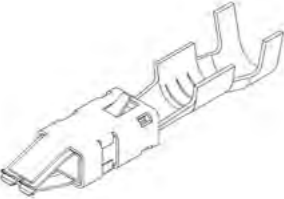
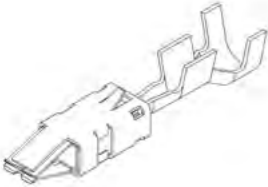
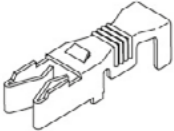
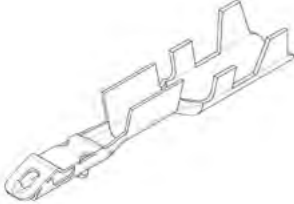
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Fuse holder kit										
	fuse 5A with fuse holder, cover, flat spring contacts and butt connector	■	■	■	■	■	■	■	■		9006205A
	Fastening base										
	for fuse holders, with screws, plastic, black	■	■	■	■	■	■	■	■	■	1320873A
	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

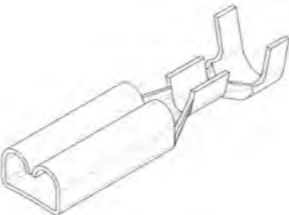




Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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
	Flat spring contact										
	1.5 mm, 0.5 ... 1.0 mm², 12 pieces	■	■	■	■	■	■	■	■	■	1321009A
	Flat spring contact										
	2.8 mm, 0.5 ... 1.5 mm², 10 pieces	■	■	■	■	■	■	■	■	■	1321020A
	Flat plug										
	L = 6.3, 4 ... 6 mm², 10 pieces	■	■	■	■	■	■	■	■	■	9011965A
	Flat plug										
	2.8 mm, 0.5 ... 1.0 mm², 10 pieces	■	■	■	■	■	■	■	■	■	1321028A



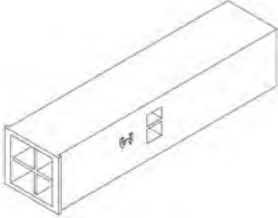
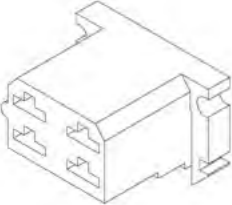
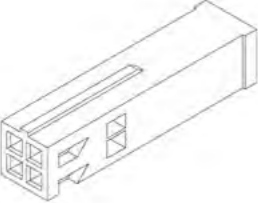
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Tab connector housing										
	1 pin, 20 pieces	■	■	■	■	■	■	■	■	■	9006460A
	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

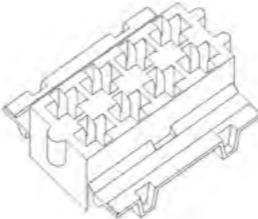
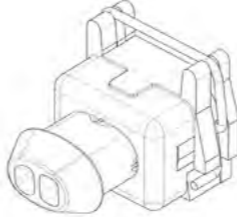
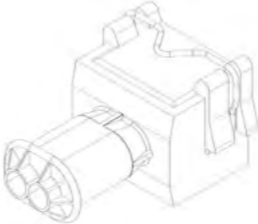
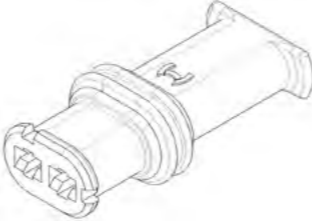

Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Tab receptacle										
	2.8 mm, 0.5 ... 1.0 mm², 20 pieces	■	■	■	■	■	■	■	■	■	9011962A
	6.3 mm, 1.5 ... 2.5 mm², 20 pieces	■	■	■	■	■	■	■	■	■	9006458A
	Tab receptacle										
	6.3 mm, 10 pieces										
	0.5 ... 2.5 mm²	■	■	■	■	■	■	■	■	■	9011641A
	1 ... 2.5 mm²	■	■	■	■	■	■	■	■	■	9011652A
	Tab connector										
	0.5 ... 1.0 mm², for watertight plug connections, with seals and pins, 2 pieces	■	■	■	■	■	■	■	■	■	9011628A
	Tab connector housing										
	for 6.3 mm tab receptacles, 6-pin, 20 pieces	■	■	■	■	■	■	■	■	■	1320231A
	Tab receptacle										
	6.3 mm										
	0.5 ... 1.0 mm², 10 pieces	■	■	■	■	■	■	■	■	■	9011636A
	0.8 ... 2.5 mm², 20 pieces	■	■	■	■	■	■	■	■	■	9006457A
	4 ... 6 mm², 10 pieces	■	■	■	■	■	■	■	■	■	9014955A
	1.5 ... 2.5 mm², 50 pieces	■	■	■	■	■	■	■	■	■	1320228A



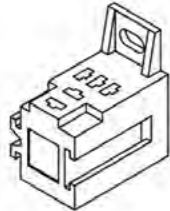


Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	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
	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


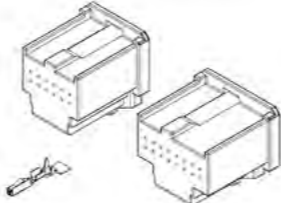


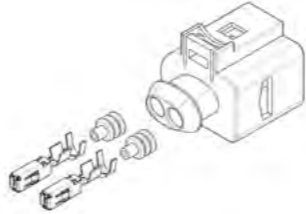
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Plug sleeve casing										
	2.8 mm, 8 pin, black	■	■	■	■	■	■	■	■	■	1320130A
	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, waterproof, 20 pieces	■	■	■	■	■	■	■	■	■	1321785A
	Plug sleeve casing										
	for 6.3 mm tab receptacles, 2-pin	■	■	■	■	■	■	■	■	■	1319698A

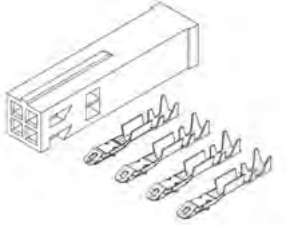
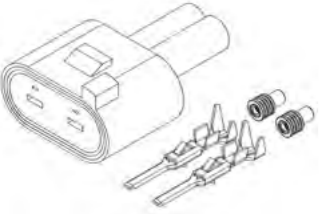
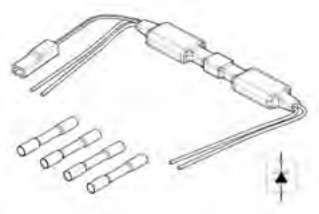
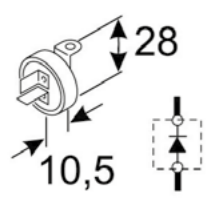
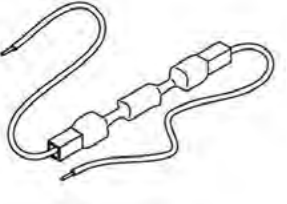
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Plug sleeve casing										
	for 6.3 mm tab receptacles, 6-pin, 10 pieces	■	■	■	■	■	■	■	■	■	1321670A
	Plug sleeve casing										
	for 6.3 mm tab receptacles, 1-pin, 20 pieces	■	■	■	■	■	■	■	■	■	1320229A
	Receptacle housing										
	5-pin, for micro relays, 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


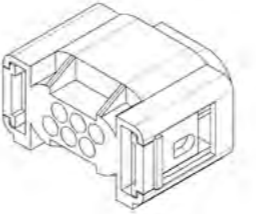
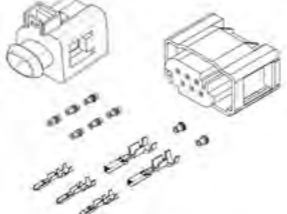

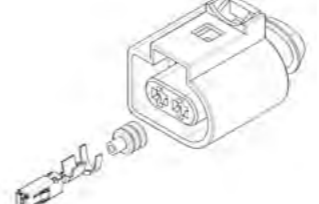
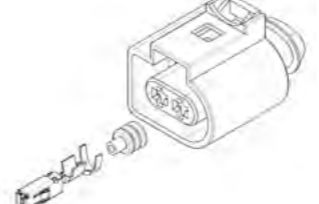
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Relay socket										
	5-pin, without mounting tab, for standard relay	■	■	■	■	■	■	■	■	■	1320538A
	Kit connector Cronus										
	plug x1 16 pin, plug x2 12 pin, 28 flat spring contacts				■	■					9041505A
	Kit plugs										
	– plug housing 12 pin – 4 flat spring contacts 2.8/0.5 ... 1 mm² – 7 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		■								9041973A
	Plug kit										
	Replacement for 10-pin plug on standard wiring harness, with connection materials					■					9029701A
	Plug kit										
	Replacement for 2-pin plug on the standard wiring harness, with connection materials					■					9029702A



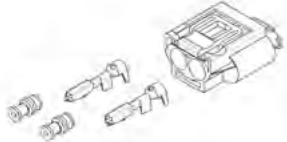
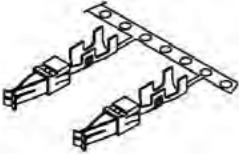

Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	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
	Diode capsule kit										
	one-way diode, 1 A maximum, with 4 butt connectors	■	■	■	■	■	■	■	■	■	1319843A
	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

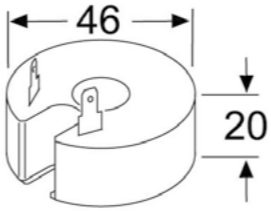
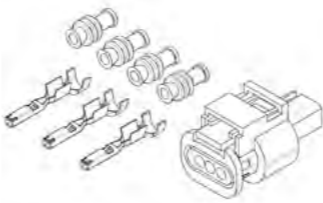
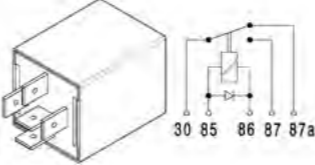
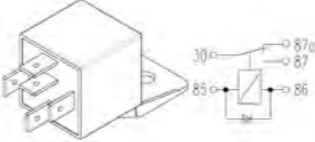
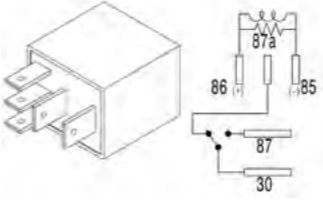
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Bag electrics										
	with 5-pin relay and connectors										
	V = 12				■		■	■			9024914A
	V = 24					■	■	■			9024913A
	Socket housing										
	6-pin coded, AMP		■		■	■					1320893A
	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

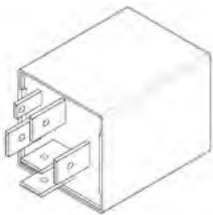
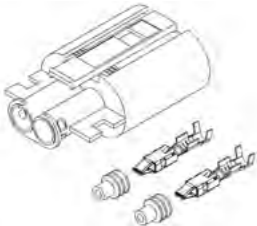



Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Plug kit 2-pin plug on the fuel pump wiring harness, with connection materials, for fuel pump DP 42	■	■		■	■	■				1318966A
	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
	Junior power timer 2.8 mm, 0.5 ... 1.0 mm ² , also for blade-type plug, watertight, 10 pieces	■	■	■	■	■	■	■	■		9011634B
	Resistance kit W = 46, H = 20, resistance: 40 W, 0.9 Ω, with plugs and fastening parts	■	■		■	■	■				97981A

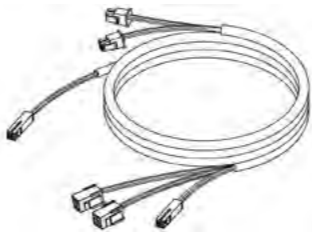


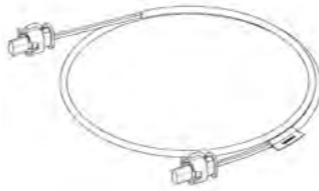

Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Resistance 0.9 Ω, 40 W	■	■		■	■	■				1320591A
	Plug kit Plug kit for connecting coolant pump U4850 and UP500, with plug, contacts and sealings				■	■		■			9038468A
	Relay (changeover contact) kit L = 6.3, V = 12 change over relay, 30/50 A with diode, with connector housing and flat fuses change over relay with diode, 20/30 A, with mounting bracket for 1320538A change over relay, 30/50 A, without mounting flap	■	■		■	■	■				9023375A 1319954A 1320947A
	Relay V = 12, 30/50 A V = 24, 10/20 A	■	■		■	■	■				1320213A 1303828A
	Micro relay V = 12, micro relay, 6.3 mm/5 mm, relay with parallel switched extinguishing resistance, for 1321730A	■	■		■	■					1322202A


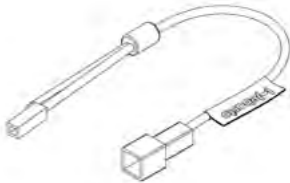

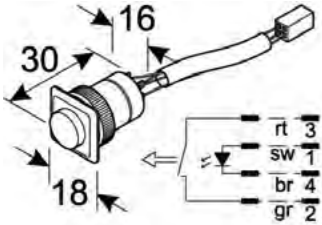
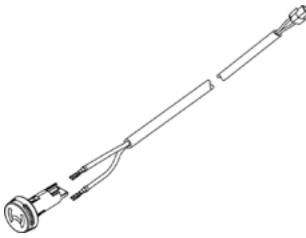
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Impulse relay										
	V = 12										
	20 s	■	■	■	■	■	■	■	■		1316999A
	1 s	■	■	■	■	■	■	■	■		1317001A
	Fuel pump connector kit										
	plug housing 2 pin, 2 single wire seals, 22 flat spring contacts 2.8 mm, 0.5 ... 1 mm²						■				9024074A
	Wiring harness relay/fuse holder				■						1320658A
	Wiring harness vehicle fan							■			1321993A
	L = 1600										
	Extension cable control panel Dual Top ST 6										
	L = 3000								■		9021976A
	L = 7000								■		9023271A

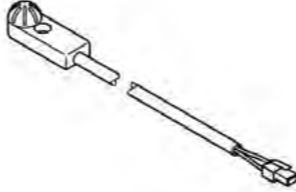
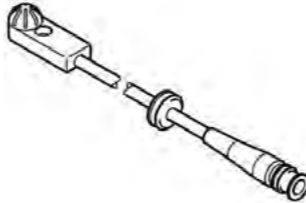
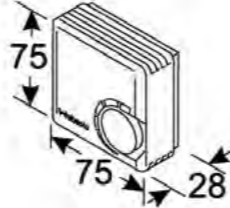
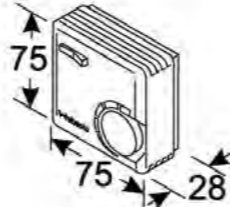
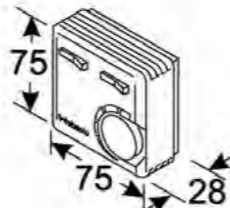
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Extension cable control panel Dual Top ST 8										
	L = 3000									■	9021975A
	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 = 7000	■	■		■		■			■	1319527A
	Wiring harness coolant pump										
	L = 400				■	■					1320306A
	L = 600				■	■					1319967A
	L = 1500				■	■					1320307A
	Wiring harness coolant pump adapter										
	L = 150, adapter 3-pin to 2-pin			■	■	■					9042264A

Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Plug kit										
	– plug housing 2 pin – 24 flat spring contacts 2.8 mm, 0.5 ... 1 mm² – 6 flat spring contacts 1.5 mm – 10 single wire seals – 22 flat spring contacts 2.8 mm, 1.5 ... 2.5 mm² – 8 seals						■				65668A
	Power adapter vehicle (blower)										
		■	■		■	■	■				1320328A
	Wiring harness										
	L = 4500, bushing housings 2 pin, 4 pin, 12 pin							■			9034537A
	Switch with status LED										
	Switch for control element in vehicle, for Telectart T91 and T100 HTM				■	■					9012968A
	Temperature sensor RVM										
	L = 2500	■									9037591A
	L = 5000	■									9037593A
	L = 2500		■								9030881A
	L = 3000							■			9030882A
	L = 5000		■								9030883A

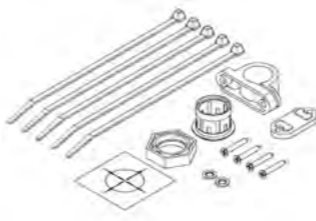
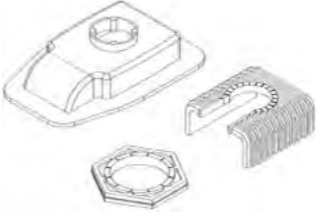
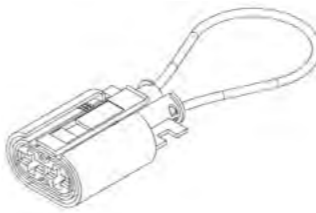
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Temperature sensor external										
	L = 2500	■									1319900A
	L = 5000	■									1319842A
	Temperature sensor external										
	L = 5000		■								90821A
	L = 20000, with housing cover		■								92649B
	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

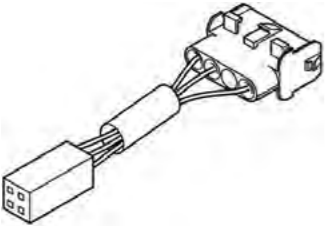
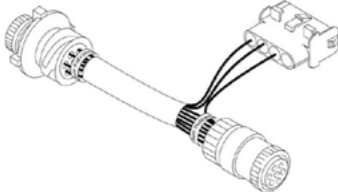
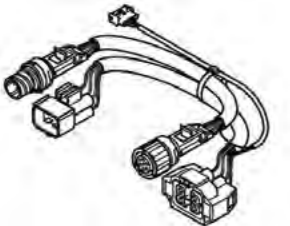
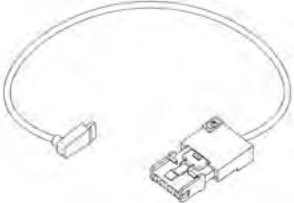
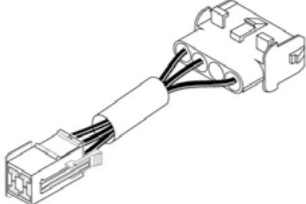
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Temperature switch										
	Closed < 2°C, opened > 8°C, for operating heater as an auxiliary heater	■	■	■	■	■	■	■	■		1319804A
	Closed < 10°C, opened > 16°C, for operating heater as an auxiliary heater	■	■	■	■	■	■	■	■		1321617A
	Closed < 12 °C, opened > 18 °C, (used for engine-off applications)	■	■	■	■	■	■	■	■		9030618A
	Main supply cable 230 V										
	V = 230										
	L = 5000, orange			■							9041188A
	L = 2500, black			■							1325978B
	L = 3500, black			■							1325985B
	L = 5000, black										1325980B
	L = 10000, black			■							1325981B
	House connecting cable angled 230 V										
	L = 2500, V = 230, angled, black			■							1325979B
	Extension cable										
	L = 1500, V = 230, orange, with locking washer			■							1325983A
	Mounting cable										
	L = 1500, orange, incl. safety lock and installation kit			■							1325969B


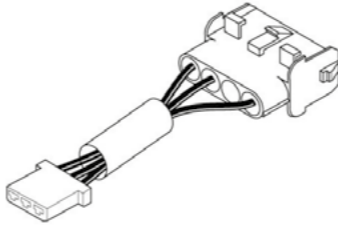


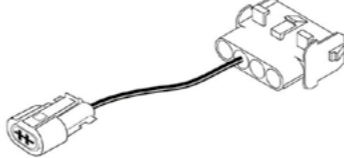
Electrical Accessories

		Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 50 Eco	Thermo Pro 90	Thermo Top Pro 120/150	Thermo plus 230/300/350	Dual Top ST	Order number
	Installation kit mounting cable										
	kit with clamps, spacer, expander, screws, locking washer, cable ties and drill guide			■							1325988A
	Fixation for mounting cable										
	Fixation for mounting cable			■							1325987A
	Diagnosis bridge										
					■						9032282A

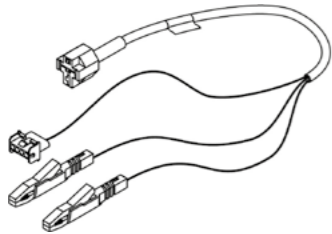

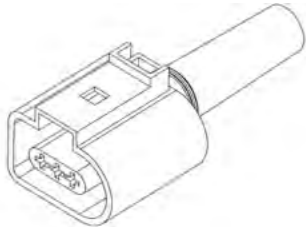
Maintenance and Diagnostics

		Order number
	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

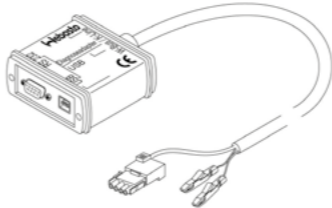

Maintenance and Diagnostics

		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

Maintenance and Diagnostics

		Order number
	Adapter cable, PC diagnosis	
	programming cable for IPCU and LIN/PWM gateway	1319879B
	Adapter cable, PC diagnosis	
	for Thermo plus 230/300/350	SPH2710933C
	Adapter diagnosis	
	for Thermo plus 230/300/350	9810331A

Maintenance and Diagnostics

		Order number
	PC diagnosis kit	
	for Webasto heating devices, USB port, for Windows operating system	1320920A
	for Valeo heating devices	SPH11112249E
	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

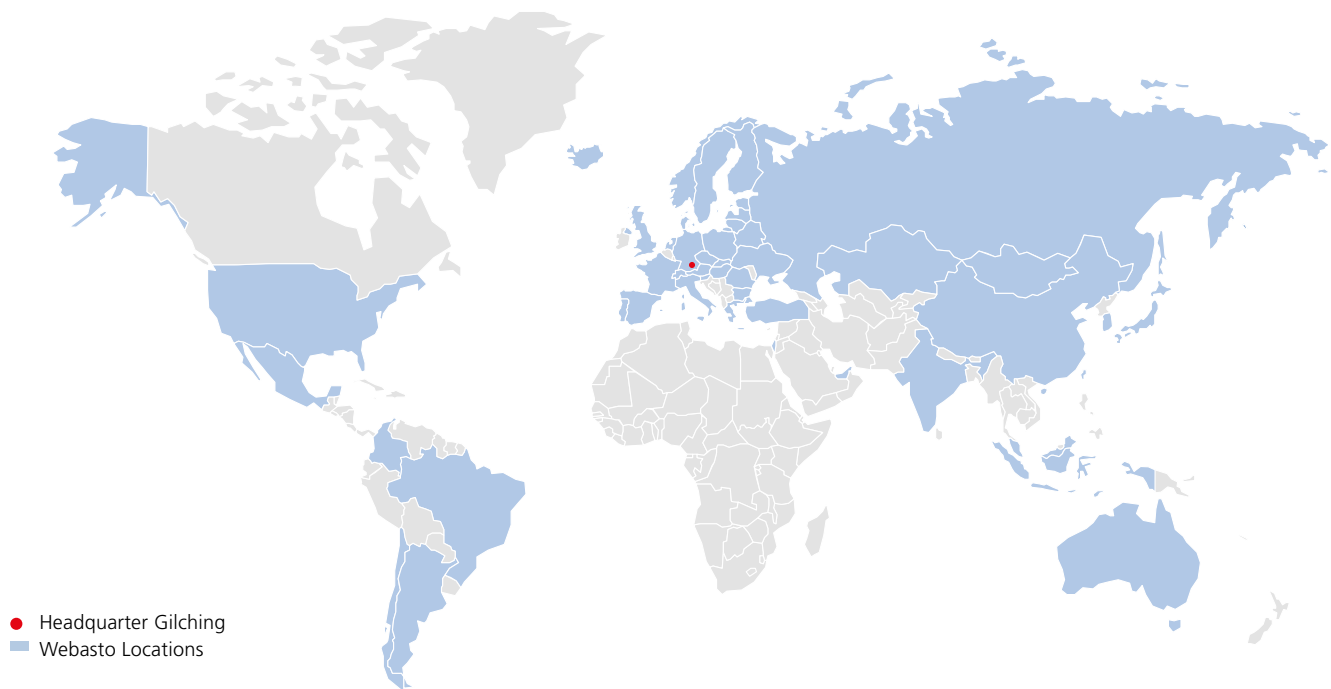
D	Diameter (mm)
Da	Outer diameter (mm)
Di	Inner diameter (mm)
H	Height (mm)
kg	Kilogram
L	Length (mm)
m	Meter
mm	Millimeter
r	Radius (mm)
SW	Wrench size (mm)
W	Width (mm)

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.



The Webasto Group is a global innovative systems partner to the mobility industry and one of the 100 largest suppliers to the automotive sector worldwide. The company's offering includes in-house developed roof, heating and cooling systems for various types of vehicles, batteries and charging solutions for hybrid and electric vehicles, and additional services related to thermal management and electromobility. Among the customers of Webasto are manufacturers of passenger cars, commercial vehicles and boats, as well as dealers and end customers. In 2020, the Group generated sales of around 3.3 billion euros and employed more than 14,000 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-group.com