Webasto
Feel the Drive

Recreational Vehicles Catalog

Reliable comfort without limits



Webasto 125 YEARS CELEBRATING INNOVATIONS

2026/27

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Note: Not all products are available in each country.



Dear customers and partners,

We develop intelligent products around the Webasto advanced core technologies and integrate them into large and innovative comfort solutions for every recreational vehicle: this is the vision we have been aiming at for years and which is still the base of our product roadmaps today.

Since the RV market is going more and more towards more compact vehicles and the coming stricter EU regulations will limit further the payload, Webasto solutions are getting even more attractive as they can contribute quite significantly to the reduction of weight and to safe space in the inner cabin.

Looking back, we are proud to have been the first supplier to introduce diesel technology into the RV market more than 15 years ago, and to have provided OEMs with the opportunity to build totally gas-free vehicles. Since then, we have continuously improved our products to increase the level of on-board comfort and autonomy. Our gas-free solutions or hybrid solutions (cabin air heating with diesel + water heating on gas) both bring outstanding savings when it comes to weight (less gas on board) and inner space (smaller gas tanks, underfloor mounting of our products). Our Range Plus kit, including a fuel-powered air heater and a fuel tank (HVO-ready), extends the range of E-Vans under cold conditions and ensures warm interiors, creating new possibilities for electric RV.

More recently, we highlighted the benefits of new, ultra-silent and high-performance refrigeration compressor technology for our customers. As a result, for example, happy caravan owners enjoy large innovative drawer fridges and the pleasure of having ice or cold drinks even in extremely hot climate conditions.

Besides the well-known Freeline 115 Elegance and Freeline Slim 140, customers can profit from the two fridges Freeline Slim 70 and Freeline Slim 90. Both products are the lowest-power-consumption fridges on the market in this size and being slim and tall offers a great option for small vans where interior layout is challenging. Additionally having the space constraints of compact vehicles in mind, Webasto offers some special shaped products like BI 16 and BI 30 including updated verisons of BI 29 Dual, BI 36 and BI 41 Dual – top loading cooling boxes.

Our continous commitment in the development of new technologies drives us, bringing new ideas and keeping all of our customers satisfied.

Air-conditioning is one of the core competences at Webasto. With the BlueCool Drive 40, we bring a powerful air-conditioning product which provides also cold air to the rear passengers while driving.

To protect the environment in the best possible way, Webasto attaches great importance to making its products as sustainable as possible. One contribution to this is the conversion of its Cool Top Trail rooftop air-conditioning systems to the refrigerant R32. Therefore, all sizes of the air-conditioning unit are now available with the gas named the ‘G series’.

Innovation should translate into beneficial features and great ease of use, not only of our products but also of all peripheral sales and application tools which make your life easier in installing and maintaining our products. Please register on our dealer portals and gain exclusive access to our extensive training programmes (online or on site) with the ultimate goal to be part of our network and to help you develop new sales potentials.
RV is our passion. Just as it is yours. We hope that this catalog assists you with your season and if you do have any suggestions or feedback, please do not hesitate to let us know.

We look forward to enjoying a new motorhome and caravan season with you.

Enjoy more comfort.
Enjoy more independence.
Enjoy more Webasto.

Your Webasto RV Team

Welcome to Webasto RV

Our highlights

This catalog provides you with detailed information on our core products as well as our added-value accessories for the RV market. Thus, you can build safe applications and deliver fast and professional assistance to your customers. Here you can find an extract of our latest product innovations:

Thermo Top Evo Smart



- New generation Thermo Top Evo Smart
- Now available with 1.8 kW heating power in gasoline version

Hybrid 3



- Heat output 2 kW (Air Top Pro 25 + 1,35 kW Expanse water heater)
- Space-saving air distribution with only 60 mm diameter available for compact vehicles
- Boiler available as gas-only or gas-electric version

Cool Top Trail 28VN and 36VN



- More compact overall dimensions of indoor unit, only 36 mm high
- Cold air outlets in all 4 directions, airflow may be adjusted as needed
- Weight saving of outdoor unit and indoor unit combined up to 4kg
- Reliable operation while driving on highways due to new blower concept
- CI-Bus interface is now a standard, offering an easy integration into central monitoring systems
- The 28VN and 36VN are ECE R10 certified which allows operation while driving

Range Plus kit



- Extends the range of E-Vans under cold conditions and ensures warm interiors
- Kit incl. fuel-powered air heater and fuel tank

CI-BUS Interface

- CI-BUS is a board management system to control devices available on motorhomes and caravans
- CI-BUS interface on dedicated Cool Top Trail units
- CI-BUS interface on dedicated RV fridges

DR 85 INOX Clean Touch
DR 130 INOX Clean Touch



- Drawer 85 & 130 Inox Clean Touch to replace the old Inox versions
- Comfortable volume of 85 and 130 liters gross with 15 liters freezer compartment
- Stainless steel AISI 304, specially treated to prevent fingerprints
- Long-lasting clean effect
- Available in standard DC version, AC/DC compatibility is provided with the isotherm power pack
- Improved cooling performance, improved weight, reduced power consumption and increased space/ usability
- Compact and performing thanks to SECOP nano compressor technology
- SMART features

CR 226 Total Black



- Cruise 226 Total Black DC fridge freezer
- Comfortable volume of 226 liters gross with 46 liters freezer compartment
- Slim design
- Front panel in black
- Very low electrical power consumption of 648 Wh/24h
- Easy-fix installation system standard for an easier on-board application
- Internal LED light

We are here to develop your business



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

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

Webasto Service app (for installation)

to download this app

> scan the QR code on the left or

> go to https://apps.apple.com (Apple App store) or https://play.google.com (Google Play Store) as appropriate.

To use the Webasto Service app and access the online Webasto technical documentation, scan the QR code or the barcode on your Webasto product box.



Website: webasto.com

- Quick and appealing product guide
- International dealer portal and dealer locator
- Multi-lingual access



RV training programs and technical guidelines

- Powerful product training, also web-based training
- Regular updates on new features
- Various modules adapted to audience
- Important guidelines for safe application engineering
- Specspecialized trainings can be organized on demand



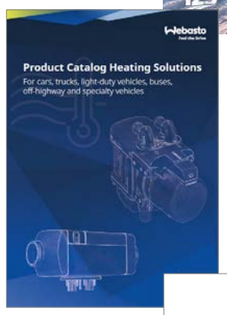
Marketing documentation and materials

- Product brochures, flyers, banners
- Dealer packages
- Point-of-sale material



RV product catalog

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



Product catalog for heating solutions, incl. accessories

- For cars, trucks, light commercial vehicle, buses, off-highway and special vehicles

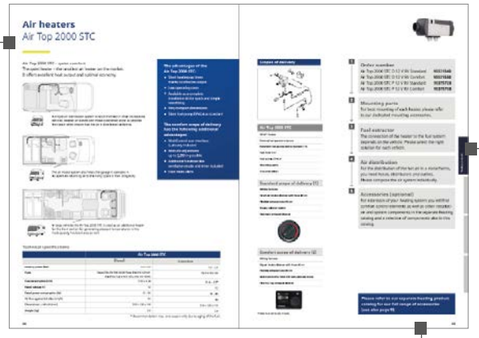


Whale heating and water system products

- For motorhomes and caravans
- All products and accessories distributed by Webasto in continental Europe

This catalog has been designed to help you in defining a complete solution for each motorhome and caravan.

Page header indicates which part and type of information you reached within each product section: product overview, scopes of delivery, etc.



Colored highlights give you direct access to the product range.

All accessories can be found in the separate heating catalog.

Enjoy comfort, enjoy independence
In all seasons and under all weather conditions

Since the very start of our activities in the recreational-vehicle industry, we have always focused on innovation as a main business development driver. Our vision is to ensure greater comfort and freedom with our products for motorhomes and caravans.

For enjoying greater independence, all our heating systems are based on diesel. Diesel is available no matter where you go and is taken directly from the vehicle's fuel tank.
This ensures unlimited freedom!

Our comfort solutions additionally enhance well-being atmosphere in your motorhome or caravan by providing cooled drinks or food from a fridge or travel box.

With Webasto you can enjoy unforgettable moments in your motorhome and caravan. That is what we mean by "Enjoy comfort, enjoy independence."
That is Feel the Drive.



Long tradition
Since its foundation Webasto has been a family-run company where high-performing quality products are our main purpose.



Innovative technology
High investments in R&D and the continuous development of new technologies allow us to keep all our customers satisfied.



Automotive quality from the start
Webasto stands for 125 years of experience and innovation in sunroofs, convertibles as well as batteries, heating, cooling and ventilation systems.



Award winning products
We are very grateful for the confidence our customers place in our products by voting our heating solutions as one of the best brands in the market.

A logical vision: Rely on the energy source you already have on board

Webasto has always prioritized the fuel of the vehicle as the most logical, readily available, main energy source. This strategy is complementary to gas – it has been working properly for decades now. And it makes full sense, especially for big energy consuming functions like cabin heating.

More space inside
- Most Webasto heaters can be mounted outside the vehicle. This significantly increases the total storage space inside the motorhome.

Less weight
- In winter, on average 90% of the gas carried with the RV is needed for heating. With Webasto products you can downsize your gas stock to one single 5 kg bottle and gain up to 35 kg for additional load inside the vehicle.

Perfect climate on board
- Thanks to the stepless power regulation and Gasoline for continous heating. Webasto heaters manage to maintain a stable cabin temperature with a hysteresis lower than 0.40 °C. This creates greater passenger comfort.

Increased fuel autonomy
- Diesel fuel is standardized worldwide and almost everywhere available even in the most remote places
- Precise monitoring of fuel supplies via fuel-gauge possible
- No extensive procurement of gas bottles in foreign countries necessary
- No adapter for foreign gas bottle connectors necessary
- Heating whilst driving in any country without the need of purchasing additional security valves. Thus, enjoying a warm cabin from the very first minute on

1985
Webasto offers heaters from other markets on the RV market

1990
Webasto offers RV dedicated applications on the RV market

2000
Webasto goes international in the camping market

2002
Webasto is the first to offer underfloor heating applications

2004
Webasto offers a diesel-fueled cooking solution only for RV



2006
Webasto develops heaters especially for the RV market



2007
Webasto offers the first gas-free solutio on the RV market

2009
Automatic altitude adjustment



2010
Webasto offers Isotherm compressor fridges to the motorhome market

2012
Webasto provides the complete one-stop-shop hybrid solution. Webasto offers compressor refrigerators for the caravan market

2014
Market launch of BlueCool Drive 40 climate kit, new generation of Air Top Evo 40 / 55



2016
Webasto introduces the Freeline 115 fridge, specially designed for use in RV vans.
The Thermo Top EVO is launched in the RV market



2018
Webasto presents first electrical water heater eThermo Top Eco



2018
Market launch of first RV roof-top AC unit Cool Top Trail



2019
Webasto presents the new Heat Air



2020
Webasto presents the new Freeline Slim 140



2021
Webasto presents the new generation of ThermoTop Evo RV Classic



2022
Webasto introduces the Slim 70 and 90 designed for use in RV vans



2023
Webasto presents new generation of Cool Top Trail with variable-speed-com-pressor technology



2025
Webasto presents the Thermo Top Evo Smart



2026
Webasto invents Air Top Pro 25 and Air Top Go 20 made in Germany



Heating products

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Introduction to autonomous camping

Innovative technology for more freedom – heating with diesel

Besides the fact that you can gain more space inside the vehicle or increase your payload when heating with diesel, it provides you with more freedom and autonomy. Exactly what you need when you are on holiday and want to relax rather than wonder where to get new gas. Diesel heating is not that new anymore to the motorhome market as Webasto has been providing sophisticated solutions for years. Heating with the fuel provided by the vehicle fuel tank is the smartest way to make use of the existing fuel on board.

This enables you to reduce the overall gas consumption e.g. in winter by almoust 90 %. You can get diesel fuel anywhere whereas finding proper gas supplies might end up in some annoying hassle also due to the different gas bottles and adaptors used through-out Europe.

By heating with diesel you can benefit from

- Carrying less gas bottles leads to an increase of payload
- Less hassle to find supplies in foreign countries
- Reduced physical handling of heavy gas bottles (2 x 11 kg gas bottles can weigh up to 54 kg)
- Heating whilst driving without any further expenses
- Thus, enjoying a warm cabin from the very first minute of your stay

Webasto – market leader when it comes to diesel heating

Every year, Webasto produces more than 1 million fuel-operated heaters heaters for all kinds of markets: car, truck, light commercial vehicle, off-highway, special vehicle, rail, bus, recreational vehicle and marine. Quality, reliability and performance have always been our top priorities.

We test our systems regularly in our own climatic test chambers against the highest quality standards, exposing them to varied and extreme temperatures and weather conditions. This enables us to adapt them perfectly to your motorhome needs.

Which heater for which application?

Air Top air heaters



- Supply of warm air to the cabin
- Short heating-up times thanks to effective output
- Available as a complete installation kit for quick and simple retrofitting
- Perfect heat output even at high altitudes (automatic altitude adjustment)
- Low-noise operation
- Very compact dimensions
- Can be installed outside the vehicle

Thermo Top water heaters



- Heats the driver's cab and pre-heats the engine
- Can also be connected to the existing water-heater system
- Supply of heat via the air outlets in the dash-board
- Space-saving installation in the engine compartement

Which heating product fits your demands?

Vehicle types	Camper		Semi-integrated		Top bank		Integrated		Over 7.5 t
	6.5 m	8 m	6.5 m	8 m	6.5 m	8 m	6.5 m	8 m	over 8 m
Air Top Pro 25	■	■	■	■	■	■	■	■	
Air Top Go 20	■	■	■		■		■		
Air Top Evo 40			■	■	■	■	■	■	■
Air Top Evo 55			■	■	■		■	■	■
Thermo Top Evo Smart	■	■	■	■	■	■	■	■	
Thermo Top Evo	■	■	■	■	■	■	■	■	
Thermo Pro 90								■	■

■ Use as main heater ■ Use as additional heater alongside existing unit (e.g. gas) ■ Use as additional heater or water heater

RV-specific demands require RV-specific heater scopes of delivery

Why should I choose an RV-specific scope of delivery?

Having absolutely satisfied customers in the long term is the objective of our RV scopes of delivery. Therefore we have significant differences between the heaters and applications in the RV market compared to other markets. These differences are illustrated below:

1 Easier to handle RV scopes of delivery

- Plug & Play system: ready to install
- One order number for a complete kit
- Reduction of purchasing and logistics efforts
- New packaging logic of kits for faster and easier installation

2 Differences to Webasto heaters designed for other markets

Air heaters designed for other markets start to idle when the target temperature is reached:

- The side-effect:
  End users feel a cold air flow from the outlets which makes them feel uncomfortable inside the vehicle
- The solution:
  RV-specific heaters are programmed differently. The idling effect is deactivated in all heaters inside the RV scopes of delivery to provide the best comfort for the user

3 Very low-noise applications

Noise reduction accessories that sum up to a no-noise kit like:

- Specific RV fuel pumps: Operate at a very low-noise level
- Exhaust, combustion and heating-air silencers reduce noise emissions significantly, ensuring peaceful nights for users and their neighbors

4 External cabin temperature sensor is obligatory for RV applications

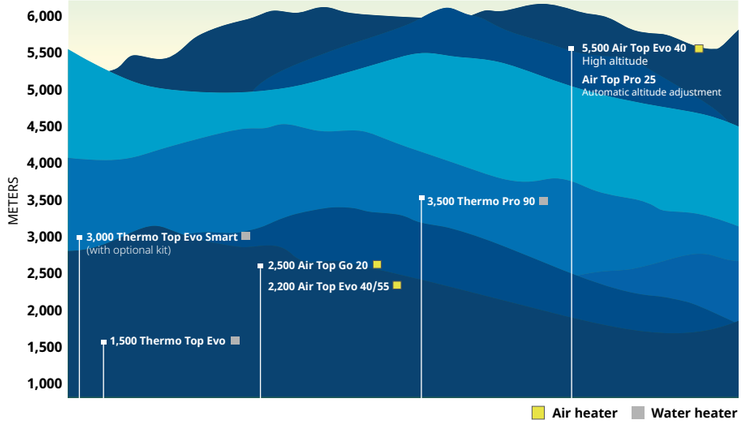
It is a standard in all RV scopes of delivery and provides additional advantages:

- Target temperature inside is reached more accurately
- Using the external cabin temperature sensor triggers the heater to stop the blower in stand-by mode
- In addition, the power consumption is reduced significantly

5 Suitable for operation in high altitudes

- Integrated altitude sensor in Air Top Evo heaters guarantees optimum heat output at high altitudes
- Air Top Pro 25 and Air Top Go 20 are equipped with an automatic altitude functionality

Heating power altitude range



All Webasto fuel-operated heaters are designed for use at elevations not to exceed the maximum recommended operational elevation, which varies by product and model.
Please consult your operation manual to determine the maximum operational elevation for your specific product and model. Use of any Webasto fuel-operated heaters at elevations higher than those recommended may lead to reduced performance and may require increased service and maintenance.

Air heaters

Air Top Evo:
Perfect heat even in high altitudes!





MultiControl:

The MultiControl sets standards in terms of its modern design and user-friendliness that allows fast and intuitive operation. It includes features like an immediate start button, the ventilation function and fault code display. You can program up to three start times per day for your heater which allows the best individual comfort.



ThermoConnect:

Our app lets you control your water and / or air heater smarter and more flexibly than ever before. Available for iOS and Android devices.

Air heaters



SUPER SILENT

Air Top 25 Pro See page 22



Air Top Go 20 See page 24



Air Top Evo 40 See page 26



Air Top Evo 55 See page 28

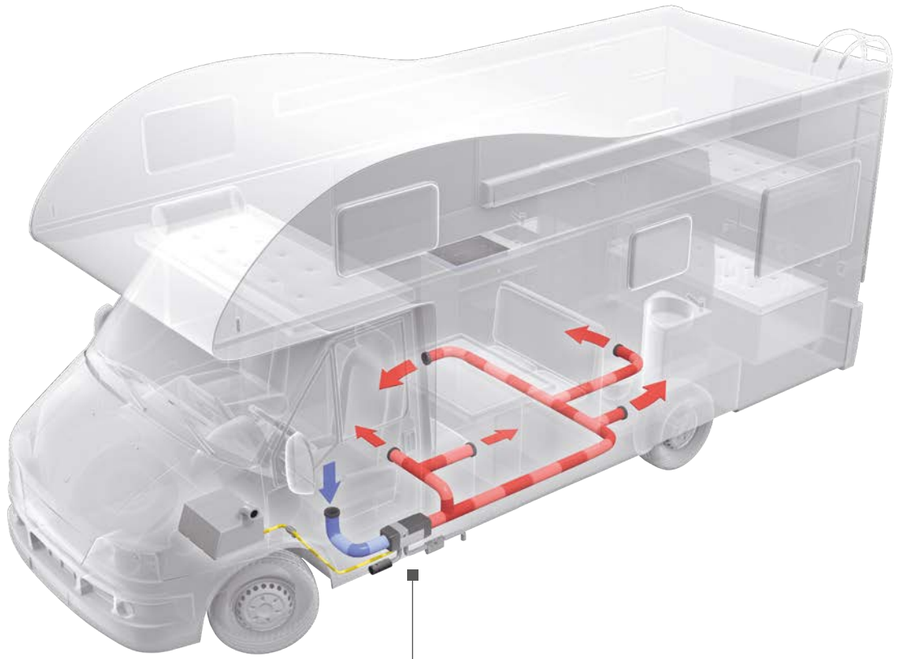
Technical specifications

SUPER SILENT

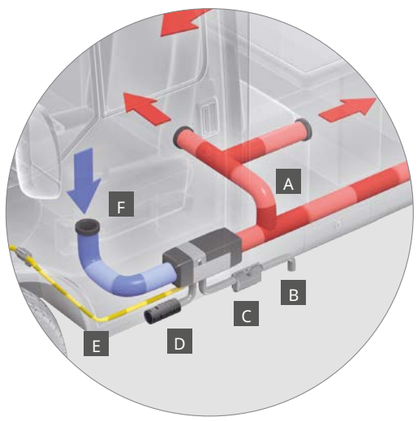
	Air Top Pro 25		Air Top Evo 40*/55	
Heating capacity (kW)	0.7 - 2.0/2.5**	0.8 - 2.0/2.5**	1.5 - 3.5/4.0** | 1.5 - 5.0/5.5**	1.7 - 3.5/4.0** | 1.7 - 5.0/5.5**
Fuel	Diesel DIN EN 590; Paraffinic fuel (HVO/GTL) DIN EN 15940	Gasoline DIN EN 228; Ethanol fuel E85 DIN EN 15293 - E100 DIN EN 15376	Diesel DIN EN 590, B100 FAME EN 14214, HVO DIN EN 15940	Gasoline E0-E10 EN 228
Fuel consumption (l/h)	0.09 - 0.30	0.10 - 0.35	0.18 - 0.43(0.49) | 0.18 - 0.61(0.67)	0.25 – 0.51/0.54 | 0.25 – 0.70/0.80
Nominal voltage (V)	12/24	12	12/24	12
Power consumption (W)	3.3 - 20.1/8.0 - 21.2	3.3 – 20.1	15 – 40 (55) | 15 - 95 (130)	
Hot air flow at 0.5 mbar (m^3/h)	100	100	132 (140) | 200 (220)	
Dimensions L x W x H (mm)	321 x 127 x 124	321 x 127 x 124	423 x 148 x 162	423 x 148 x 162
Weight (kg)	2.95	2.95	5.9	5.9
Altitude adjustment (m)	Up to 5,500	Up to 5,500	Automatic, up to 2,200*	Automatic, up to 2,200

* The Air Top 40 HA ("High Altitude") heater is also available. In 24V, it automatically adjusts up to an altitude of 5,500 meters.
Please order the appropriate control elements for this heater. More information is available from our authorized network.
** Improved heating power with "Boost" mode for a maximum duration of 6 hours (Air Top Evo 40, Air Top Pro 25) or 30 minutes (Air Top Evo 55).

Air heaters
Application concept



Air heater can be installed inside or underneath the vehicle



- A Hot air outlet: Hot air is distributed through a ducting system
- B Exhaust pipe
- C Silencer
- D Combustion air intake
- E Fuel supply leads to the vehicle fuel tank or fuel return line
- F Fresh air intake

Air heaters
Advantages

The advantages of Webasto air heaters

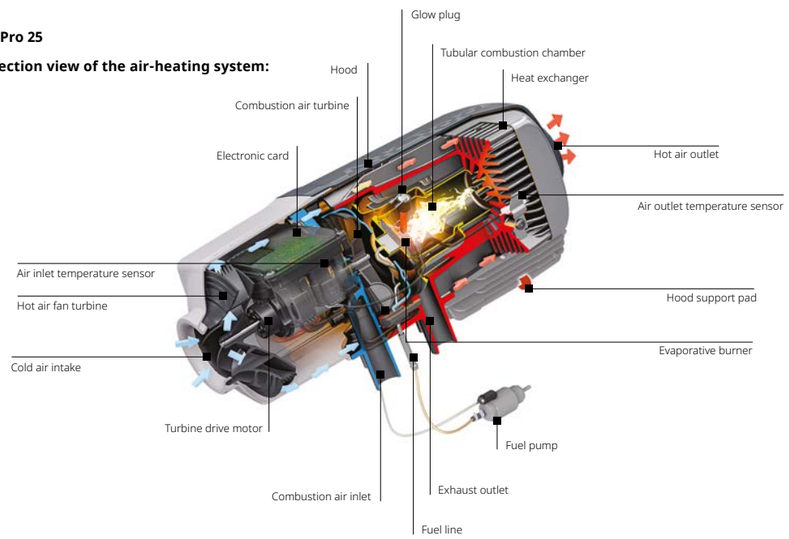
- Optimum heat output at high altitudes thanks to altitude sensor (Evo range) and altitude mode integrated in MultiControl
- Automatic altitude adjustment (Air Top Pro 25)
- Heating power from 0.9 kW to 5.5 kW
- Very compact heaters for easier and faster installation
- Smooth blower and burner operation for low-noise and fuel consumption
- Hot air is channeled and distributed through the motorhome, ensuring a constant temperature
- Precise and stepless cabin temperature control
- Very fast heat-up phase
- Low-noise operation
- Diesel-fueled, directly fed from the tank
- More space inside due to the possibility of outside installation
- Heating while driving allowed in all countries

Air Top Evo 40/55



Air Top Pro 25

Cross-section view of the air-heating system:



How Webasto air heaters work

When the unit is switched on, the fuel pump feeds fuel from the vehicle's fuel tank to the heater. Here the fuel is automatically ignited by means of a glow plug. In the combustion chamber, a flame is lit which heats up the heat exchanger. The unit takes air in from the outside for combustion purposes and the combusted exhaust air is discharged to the outside.

During heating, the integrated fan takes in the air to be heated through the inlet and feeds it through the unit. As the air flows through the heat exchanger, it heats up and is then distributed through the outlet.

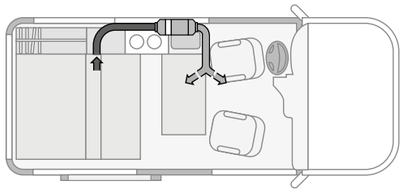
The connected hot air pipes now spread the air evenly throughout the vehicle interior. Due to the unit's own separation of the combustion circuit from the heating circuit, there is no impairment of the quality of the hot air. A temperature sensor constantly measures the interior temperature and automatically adapts the heating power output by adjusting the amount of air passing through the unit. In this way, the temperature selected by the user is rapidly reached and maintained at a constant level.

After the unit has been switched off, the combustion process is terminated in a controlled manner. For this purpose, the unit briefly goes into re-run mode to cool itself down. It is then immediately ready for restarting.

Air heaters
Air Top Pro 25

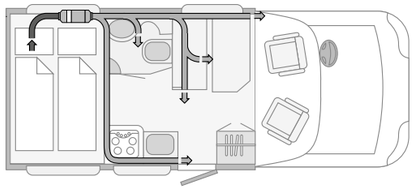


Air Top Pro 25 – whisper-quiet comfort
The quiet heater – the smallest air heater on the market.
It offers excellent heat output and optimal economy.





A simple air-distribution system is recommended in small recreational vehicles. Heated-air outlets and intake positioned as far as possible from each other ensure that the air is distributed uniformly.





The air-intake system also heats the garage it operates in.
An aperture returning air to the living space is then obligatory.



In large vehicles, the Air Top Pro 25 is used as an additional heater for the front section for generating pleasant temperatures in this inadequately insulated area as well.

The advantages of the Air Top Pro 25:

- Heating output from 0.7 to 2.5 kW
- Demand-based heat emission through stepless, temperature-controlled heating-power regulation
- Constant 2.5 kW for 6 hours in Boost mode
- Whisper-quiet heating thanks to new fan design
- Operation up to 5,500 meters altitude
- Maximum efficiency with reduced power consumption
- Designed for continuous-heating operation
- **Compatible with CAN, LIN, and CI-Bus systems**
- Cyber Security acc. ISO/SAE 21434

The comfort scope of delivery has the following additional advantages:

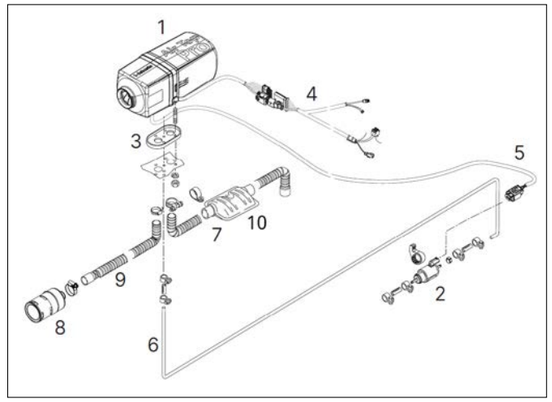
- MultiControl user interface is already included
- Additional functions like ventilation mode and timer included
- Even more silent

Technical specifications

	Air Top Pro 25		
	Diesel		Gasoline
ECE approval mark & CE conformity	ECE R10, ECE R122, CE		
Heat output, control range (kW) / Boost	0.7 - 2.0 / 2.5		0.8 - 2.0 / 2.5
Boost duration (h)	6		
Rated voltage (V)	12	24	12
Fuels[1]	Diesel DIN EN 590 Paraffinic fuel (HVO/GTL) DIN EN 15940		Gasoline DIN EN 228; Ethanol fuel E85 DIN EN 15293 - E100 DIN EN 15376
Operating temperature range (°C)	-40 to +40		
Altitude functionality	Operation up to 5,500 m altitude, maximum heating output up to 3,000 m altitude		
Dimensions L x W x H (mm)	321 x 127 x 124		
Weight (kg)	2.95		
Mechanical interface	Identical to Air Top 2000 STC		
Electrical interface	Wiring harness (length 500 mm) with 8-pin connector and separate dosing-pump cable (length 1,000 mm), alternatively integrated into the wiring harness.		
Communication interface	LIN, CAN[2], CI-Bus		

[1] Other fuels on request. [2] CAN: CAN J1939 conformity; available soon

Scopes of delivery



Contents scope of delivery/Installation kit

Part	SOD	IK	Description
1	■		Heater (with pigtail wire harness)
2	■		Fuel pump DP42.2 with [Diesel] / without [Petrol] damper
3	■		Base seal
4		■	Vehicle wire harness
5		■	Fuel pump wire harness (from heater or vehicle wiring)
6		■	Fuel hose Da 5 / Di 2 / L 5000 (mm)
7		■	Flexible stainless steel exhaust pipe D 22 / L 800 (mm)
8		■	Air intake silencer
9		■	Flexible aluminium combustion air pipe D 22 / L 500 (mm)
10		■	Exhaust Silencer
		■	Fuel extractor
		■	Further mounting material
	■		Technical documentation

Air Top Pro 25

Scope of delivery, heater	Order number
SD ATP25 D 12V FP R W_CI_STD	9045465A
SD ATP25 P 12V FP R W_CI_STD	9045467A

Installation kit	Order number
KIT ATP25 DIESEL RV COMFORT FP	9046227A
KIT ATP25 DIESEL RV COMFORT IN	9046229A
KIT ATP25 PETROL RV COMFORT FP	9046454A
KIT ATP25 PETROL RV COMFORT IN	9046455A

Guidance:
IN = dosing pump cable integrated
FP = dosing pump cable through foot plate
R / L = heater wire harness exits heater on left / right
W_LIN = Wbus communication as default, LIN after 5 secs no Wbus
W_CI = Wbus communication as default, CI after 5 secs no Wbus

Additional market-specific variants can be found in the Heating Catalog and Marine Catalog.

NEW: Webasto System Diagnostics 9044777A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

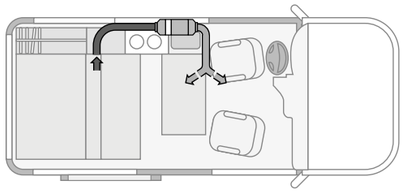
Air heaters
Air Top Go 20

Available from Q4 2026



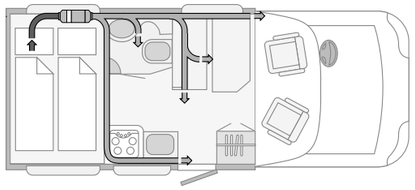
Air Top Go 20 – simply comfort

The heater combines modern technology with reliable heating performance in a streamlined package.



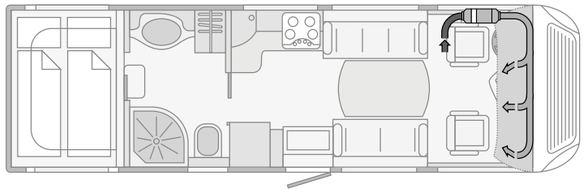


A simple air-distribution system is recommended in small recreational vehicles. Heated-air outlets and intake positioned as far as possible from each other ensure that the air is distributed uniformly.





The air-intake system also heats the garage it operates in. An aperture returning air to the living space is then obligatory.





In large vehicles, the Air Top Go 20 is used as an additional heater for the front section for generating pleasant temperatures in this inadequately insulated area as well.

Technical specifications

	Air Top Go 20	
ECE approval mark & CE conformity	ECE R10, ECE R122, CE	
Heat output, control range (kW) / Boost	1.0 - 1.5 / 2.0	
Boost duration (h)	2	
Rated voltage (V)	12	24
Fuels[1]	Diesel DIN EN 590 Paraffinic fuel (HVO/GTL) DIN EN 15940	
Operating temperature range (°C)	-40 to +40	
Altitude functionality	Operation up to 2,500 m altitude	
Dimensions L x W x H (mm)	321 x 127 x 124	
Weight (kg)	2.95	
Mechanical interface	Identical to Air Top 2000 STC	
Communication interface	W-Bus	

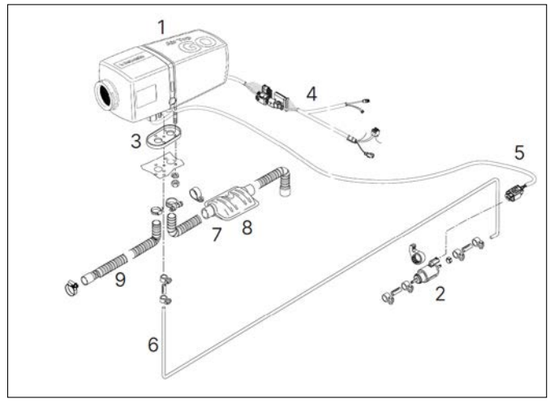
The advantages of the Air Top Go 20:

- Heating output from 1.0 - 2.0 kW
- Demand-based heat emission through stepless, temperature-controlled heating-power regulation
- Operation up to 2,500 meters altitude
- High efficiency with reduced power consumption
- Suitable for continuous-heating operation
- Cyber Security acc. ISO/SAE 21434

The comfort scope of delivery has the following additional advantages:

- MultiControl user interface is already included
- Additional functions like ventilation mode and timer included
- Even more silent

Scopes of delivery



Contents scope of delivery/Installation kit

Part	SOD	IK	CS	Description
1	■		■	Heater (with pigtail wire harness)
2	■		■	Fuel pump DP42.2 with damper
3	■		■	Base seal
4		■	■	Vehicle wire harness
5		■	■	Fuel pump wire harness (from heater or vehicle wiring)
6		■	■	Fuel hose Da 5 / Di 2 / L 5000 (mm)
7		■	■	Flexible stainless steel exhaust pipe D 22 / L 700 (mm)
8		■	■	Exhaust Silencer
9		■	■	Flexible aluminium combustion air pipe D 22 / L 400 (mm)
		■	■	Fuel extractor
		■	■	Further mounting material
	■		■	Technical documentation

Air Top Go 20

Scope of delivery, heater	Order number
SD AT GO 20 D 12V FP R STD	9046337A
SD AT GO 20 D 24V FP R STD	9046338A

Guidance:
SOD = Scope of Delivery (heater)
IK = Installation Kit
CS = Complete Set, including Scope of Delivery, Installation Kit, Control Element and additional integration material
FP = dosing pump cable through foot plate
R / L = heater wire harness exits heater on left / right

Additional market-specific variants can be found in the Heating Catalog.

Installation kit	Order number
KIT AT GO 20 STANDARD FP	9046342A
Complete sets	
KIT AT GO 20 FEELGOOD FP	9046406A
SD AT GO 20 D 12V FP R STD COMPLETE SET	9046367A
SD AT GO 20 D 24V FP R STD COMPLETE SET	9046368A

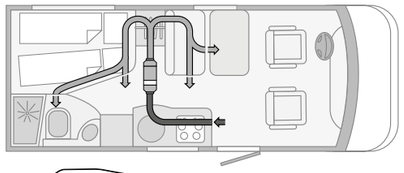
NEW: Webasto System Diagnostics 9044777A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Air heaters
Air Top Evo 40

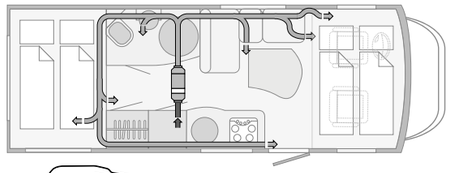


Air Top Evo 40 – efficient & silent
High-output, compact, quiet and up to 2,200 m altitude capability, the heater is ideally suited for the most rigorous requirements. For higher altitude requirements, a heater up to 5,500 m altitude capability is available. It can be upgraded with the MultiControl panel to offer additional operation modes depending on individual heating requirements.



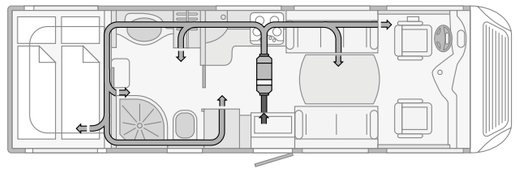


Depicted here is an underfloor heater operating in recirculated air mode with four outlets. The entrance area is heated indirectly by the intake line.





In top-bank vehicles the upper sleeping area should be heated with a separate outlet. The same is recommended for the garage.





In vehicles consisting of several separate areas, a sufficient number of outlets must be installed for a uniform distribution of heat. The air intake is at a central location in the vehicle.

The advantages of the Air Top Evo 40:
- Up to 4.0 kW heat output
- Very low electrical power consumption thanks to Intelligent Blower Control
- Very silent operation thanks to low blower speed and silent fuel pump DP42.4
- Automatic altitude adjustment up to 2,200 m as a standard
- Additional available automatic high altitude adjustment up to 5,500 m
- Automatic cold-start function for quick warm-up

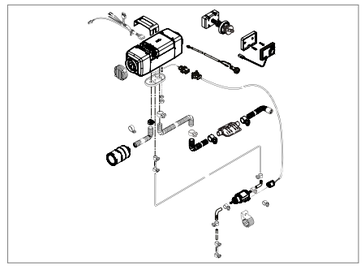
What is the Intelligent Blower Control?
Thanks to the control of several parameters, the heating regulation can optimize the heating output and the blower speed, resulting in:
- Low electrical consumption and low-noise in regular operation (lower motor speed but same heat output)
- High heat-output availability for applications with higher back pressure

Technical specifications

	Air Top Evo 40		
Fuels***	Diesel EN 590, B100 FAME EN 14214, HVO DIN EN 15940		E0-E10 EN 228
ECE Approval Number ECE R122 (Heating System)	E1 00 0385		
ECE Approval Number ECE R10 (EMC)	E1 05 5529		
Heat output, control range / boost (kW)	1.5 – 3.5 / 4.0*		1.7 – 3.5 / 4.0*
Fuel consumption, control range / boost (l / h)	0.18 – 0.43 / 0.49*		0.25 – 0.51 / 0.54*
Rated voltage (V)	12	24	12
Rated power consumption, control range / boost (W)	15 – 40 / 55*		
Heating air volume flow against 0.5 mbar, control range / boost (m^3/h)	132 / 140*		
Operating temperature range (°C)	-40 to +40		
Dimensions L x W x H (mm)	423 x 148 x 162		
Weight (kg)	5.9		
Automatic altitude compensation (m)	2,200, high altitude: 5,500		2,200

* Increased heat output (“Boost”) possible for max. 6 hours. ** Increased heat output (“Boost”) possible for for max. 30 minutes. *** Other fuels on request.

Scopes of delivery



Air Top Evo 40
- Heater with (pressure) altitude sensor
- RV wiring harness with integrated DP42.4 wiring harness
- External temperature sensor 2.5 m
- Fuel hose 5 m
- Air-intake silencer Air Top Evo
- Fuel pump DP 42.4
- Big exhaust silencer
- Mounting parts
- Documentation

Standard scope of delivery
- Rotary selector switch
- Flexible air intake tube 30 cm
- Extension wiring harness fuel pump 3 m
- Flexible exhaust tube 80 cm



Comfort scope of delivery
- MultiControl RV / MAR ATE
- Flexible air intake tube 50 cm
- Extension wiring harness fuel pump 5 m
- Flexible exhaust tube 1.1 m



1 Order number

Air Top Evo 40 D 12 V RV Standard	**9029235C**
Air Top Evo 40 D 12 V RV Comfort	**9029236D**
Air Top Evo 40 D 12 V HA RV Comfort	**9038982B**

HA = suitable for very high altitudes of up to 5,500 m
Non HA = suitable for altitudes of up to 2,200 m

2 Mounting parts
For best mounting of each heater, please refer to our dedicated mounting accessories.

3 Fuel extractor
The connection of the heater to the fuel system depends on the vehicle. Please select the right solution for your vehicle.

4 Air distribution
For the distribution of the hot air in a motorhome, you need hoses, distributors and outlets.
Please compose the air system individually.

5 Accessories (optional)
For extension of your heating system, you will find comfort control elements as well as other installation and system components in the separate heating catalog and a selection of components also in this catalog.

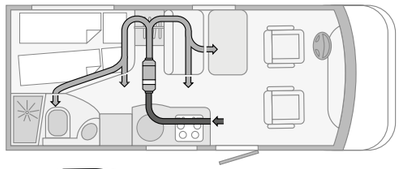
Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Air heaters
Air Top Evo 55

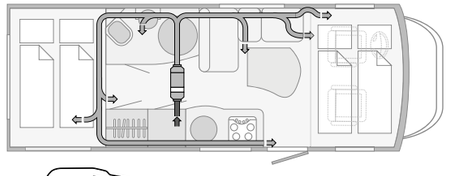


Air Top Evo 55 – efficient & silent for extreme conditions

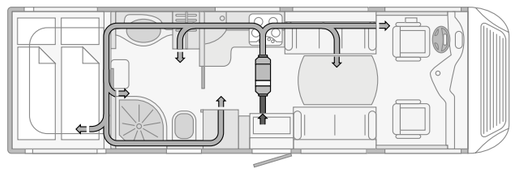
Extremely powerful, compact and quiet, this heater ensures a comfortable climate for larger motorhomes even under the harshest conditions and satisfies the most demanding requirements. It can be upgraded with the MultiControl panel to offer additional operation modes depending on individual heating requirements.



Depicted here is an underfloor heater operating in recirculated air mode with four outlets. The entrance area is heated indirectly by the intake line.



In top-bank vehicles the upper sleeping area should be heated with a separate outlet. The same is recommended for the garage.



In vehicles consisting of several separate areas, a sufficient number of outlets must be installed for a uniform distribution of heat. The air intake is at a central location in the vehicle.

The advantages of the Air Top Evo 55:

- Up to 5.5 kW heat output
- Very low electrical power consumption thanks to Intelligent Blower Control
- Very silent operation thanks to low blower speed and silent fuel pump DP42.4
- Automatic altitude adjustment up to 2,200 m as standard
- Automatic cold-start function for quick warm-up
- Compatible with MultiControl digital control panel

What is the Intelligent Blower Control?

Thanks to the control of several parameters, the heating regulation can optimize the heating output and the blower speed, resulting in:

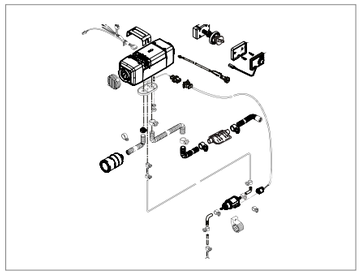
- Low electrical consumption and low-noise in regular operation (lower motor speed but same heat output)
- High heat-output availability for applications with higher backpressure

Technical specifications

	Air Top Evo 55		
Fuels***	Diesel EN 590, B100 FAME EN 14214, HVO DIN EN 15940		E0-E10 EN 228
ECE Approval Number ECE R122 (Heating System)	E1 00 0386		
ECE Approval Number ECE R10 (EMC)	E1 05 5529		
Heat output, control range / boost (kW)	1.5 – 5.0 / 5.5**		1.7 – 5.0 / 5.5**
Fuel consumption, control range / boost (l / h)	0.18 – 0.61 / 0.67**		0.25 – 0.70 / 0.80**
Rated voltage (V)	12	24	12
Rated power consumption, control range / boost (W)	15 – 95 / 130**		
Heating air volume flow against 0.5 mbar, control range / boost (m^3/h)	200 / 220**		
Operating temperature range (°C)	-40 to +40		
Dimensions L x W x H (mm)	423 x 148 x 162		
Weight (kg)	5.9		
Automatic altitude compensation (m)	2,200		

* Increased heat output (“Boost”) possible for max. 6 hours. ** Increased heat output (“Boost”) possible for for max. 30 minutes. *** Other fuels on request.

Scopes of delivery



Air Top Evo 55

Heater with (pressure) altitude sensor
RV wiring harness with integrated DP42.4 wiring harness
External temperature sensor 2.5 m
Fuel hose 5 m
Air-intake silencer Air Top Evo
Big exhaust silencer
Fuel pump DP42.4
Mounting parts
Documentation

Standard scope of delivery

Rotary selector switch
Flexible air intake tube 30 cm
Extension wiring harness fuel pump 3 m
Flexible exhaust tube 80 cm



Comfort scope of delivery

MultiControl RV / MAR ATE
Flexible air intake tube 50 cm
Extension wiring harness fuel pump 5 m
Flexible exhaust tube 1.1 m



1 Order number

Air Top Evo 55 D 12 V RV Standard	**9029244C**
Air Top Evo 55 D 12 V RV Comfort	**9029245D**

2 Mounting parts

For best mounting of each heater, please refer to our dedicated mounting accessories.

3 Fuel extractor

The connection of the heater to the fuel system depends on the vehicle. Please select the right solution for your vehicle.

4 Air distribution

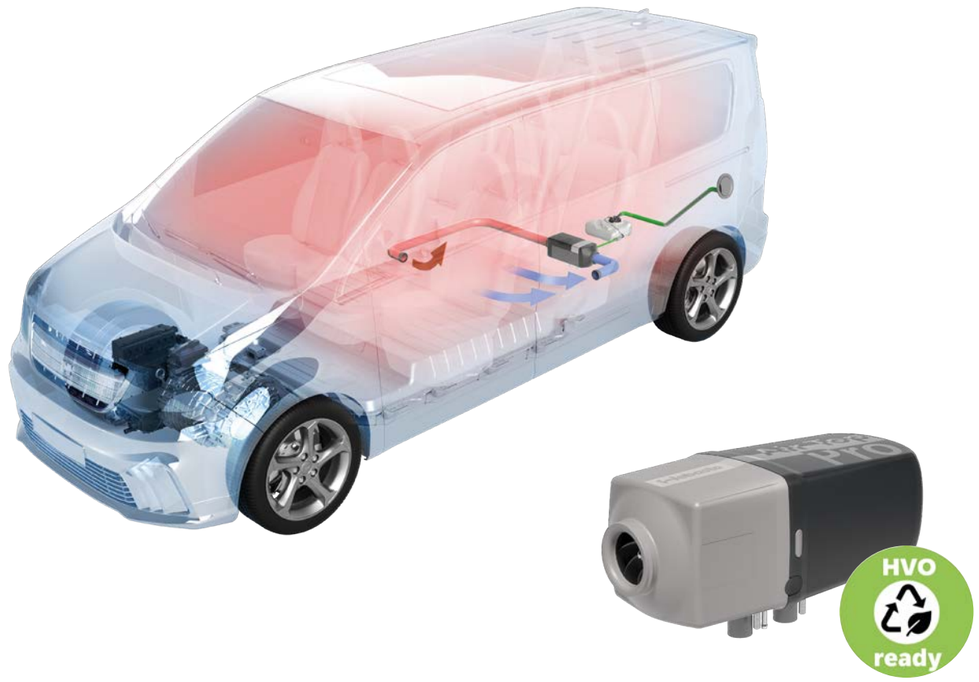
For the distribution of the hot air in a motorhome, you need hoses, distributors and outlets.
Please compose the air system individually.

5 Accessories (optional)

For extension of your heating system, you will find comfort control elements as well as other installation and system components in the separate heating catalog and a selection of components also in this catalog.

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).





Range Plus system

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

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

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

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

Retrofit of:

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

Technical release of solution:

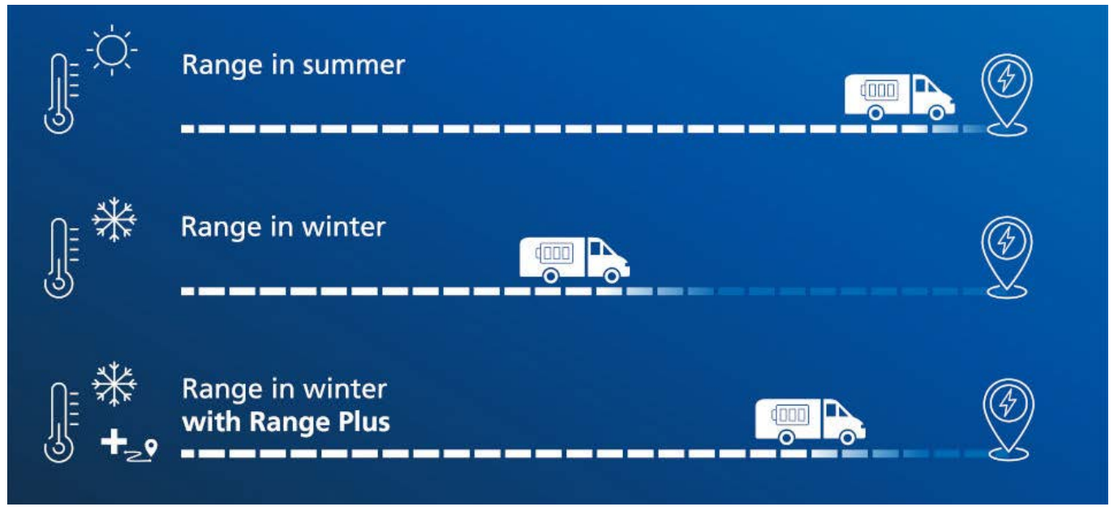
- DEKRA (development with an authorized partner)
- Result of Range Plus:
  - **up to 80 km** additional range at comfortable interior temperatures
  - **up to 50 h** of additional heat

Set includes:

- Air Top Pro 25/Air Top Evo 40 D 12 V
- Vehicle-specific installation kit
- Air in-/outlet, air routing, external temp sensor, heater bracket, wiring harness extension, etc.
- Fuel tank, tank-level sensor, tank-level indicator (LED), fuel-filler assembly, refuel cap
- Available for: Mercedes EQV/E-Vito Tourer/VW ID.Buzz Cargo/VW ID.Buzz Van/Ford e-Transit, Stellantis K0 (Peugeot Expert/Citroën Jumpy/Opel Vivaro)

Further possible applications:

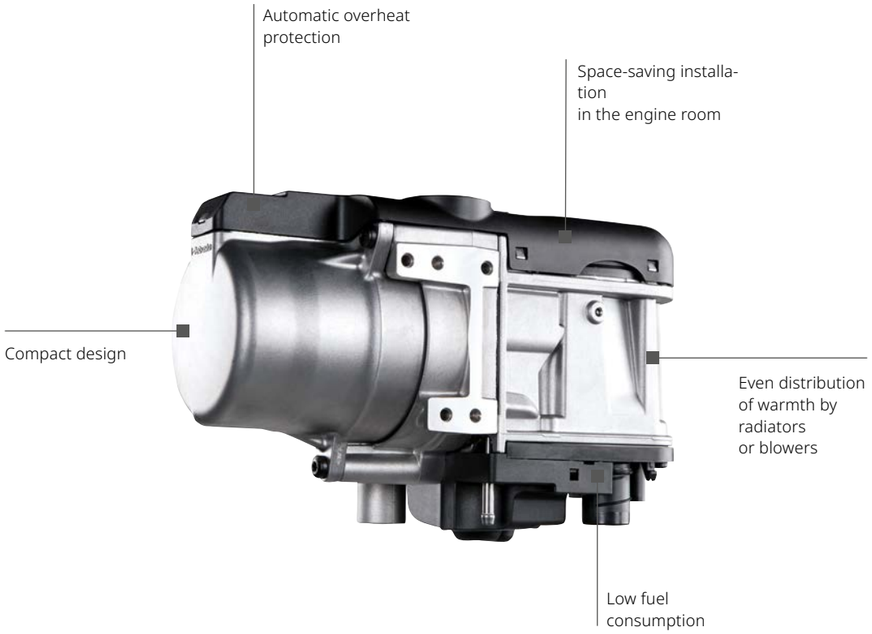
- Student transport
- Transport of disabled or sick persons
- Mobile workplace
- Transport & storage of temperature sensitive materials



More information: webasto.com/en-int/heating/air-heater/range-plus

Water heaters

Thermo Top Evo Smart:
The popular parking heater adapted to RV needs





MultiControl:

The MultiControl sets standards in terms of its modern design and user-friendliness that allows fast and intuitive operation. It includes features like an immediate start button, the ventilation function and fault code display. You can program up to three start times per day for your heater which allows the best individual comfort.



ThermoConnect:

Our app lets you control your water and / or air heater smarter and more flexibly than ever before. Available for iOS and Android devices.

Water heaters



Thermo Top Evo Smart See page 36



Thermo Top Pro 50 See page 40



Thermo Pro 90 See page 42

Technical specifications

	Thermo Top Evo Smart		Thermo Top Evo	Thermo Pro 90	Thermo Top Pro 50
Heating power (kW)	1.8 / 5.0		1.8 – 5.0	1.8 – 7.6 / 9.1	2.0 / 5.0
Fuel	Diesel	Gasoline	Diesel	Diesel	Diesel
Fuel consumption (l / h)	0.23 / 0.62	0.28 / 0.70	0.22 – 0.62	0.15 – 0.9 / 1.1	0.3 / 0.6
Rated voltage (V)	12		12	12	24
Operating voltage range (V)	11 – 16.5		11 – 16.5	10.5 – 16	220 – 230
Rated power consumption (W)	12/33	12/33	10 – 33	37 – 83 / 90	28 – 46
Dimensions L x W x H (mm)	218 x 91 x 147		218 x 91 x 147	385 x 139 x 219	218 x 91 x 147
Weight (kg)	2.1		2.1	4.9	2.2

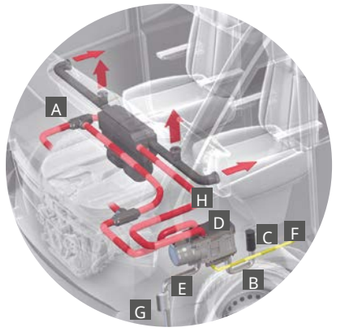
Water heaters
Application concept



The water heater saves space by being installed in the engine compartment

The Thermo Top Evo Smart can also be integrated into the existing water heating system.

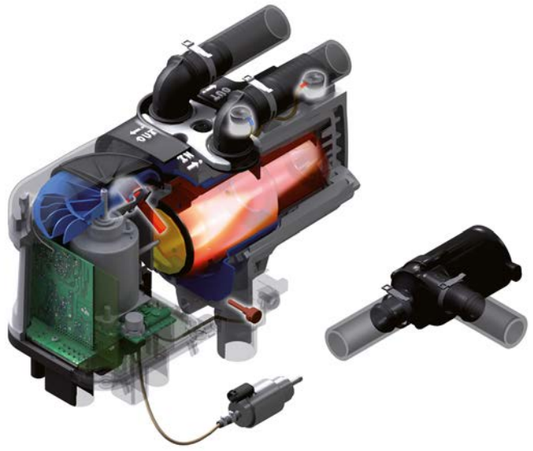
A Check valve
B Combustion air intake
C Intake silencer
D Water pump and water inlet
E Exhaust pipe
F Fuel pipe to vehicle fuel tank
G Exhaust silencer
H Hot water outlet



Water heaters
Advantages

The advantages of a Webasto water heater

- Supply of warmth via the air outlets in the dash board
- Cabin heating and optional pre-heating of the engine
- Heating power from 2 kW up to 9 kW
- Less emissions due to engine pre-heating
- Very fast heat-up phase
- Quiet-running, low-noise operation
- Diesel-operated, directly fed from the vehicle's fuel tank or electrically driven via 230 V power socket



How Webasto water heaters work

When the unit is switched on, the fuel pump feeds fuel from the vehicle's fuel tank to the heater. Here the fuel is automatically ignited by a glow plug. If combustion does not occur immediately, the unit automatically repeats the start-up procedure. A flame is ignited in the combustion chamber which heats up the heat and the coolant exchanger. The unit takes air from the outside for combustion purposes and the combusted exhaust air is discharged to the outside.

During heating an internal circulation pump feeds the water-glycol mixture through the unit. As the water-glycol mixture flows through the heat exchanger, it heats up. In the connected water circulation system, heat exchangers then transfer the energy to the interior and the engine.

Once the vehicle interior or engine has warmed up, the heat requirement is reduced and the water temperature continues to rise. At a pre-set temperature threshold the unit reduces output at this moment or goes into standby mode.

The heating procedure automatically restarts when the water temperature drops below a certain level. The unit thus adapts the heat output automatically to the heat requirement.

After the unit has been switched off, the combustion process is terminated in a controlled manner. For this purpose, the unit briefly goes into re-run mode to cool itself down. It is then immediately ready for restarting.

Water heaters
Thermo Top Evo Smart



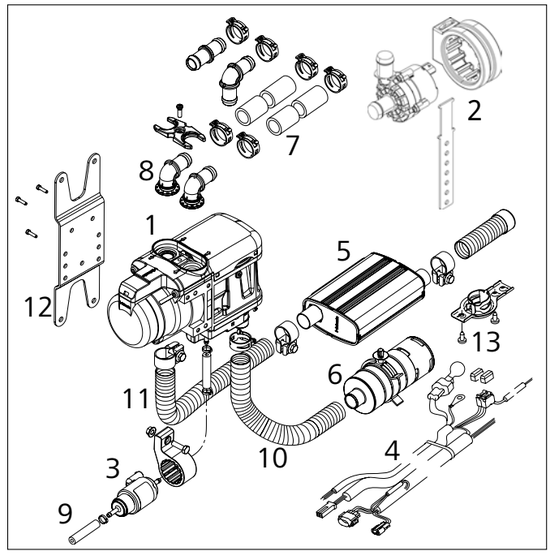
Enjoy extra warmth anywhere, anytime
Our all-rounders among parking heaters have been made more than future-proof with the Thermo Top Evo Smart: Future market requirements for passenger cars, recreational vehicles (RV), boats, and commercial vehicles have already been taken into account.

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

Key facts at a glance:

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

Now with LIN and continuous heating with gasoline



Contents scope of delivery/Installation kit

Part	SOD	Kit Car	Kit RV	Description
1	■			Heater
2		■	■	Coolant pump UP500 with bracket
3		■	■	Fuel pump DP42.4
4		■	■	Heater wiring harness (example drawing)
		■	■	UP 500 wiring harness (without drawing)
5		■	■	Exhaust silencer
6		■	■	Air-intake silencer
7		■		Coolant hose Di 18 / Da 25 / L 2000
8		■	■	Coolant connection piece 90°/ Da 18 / 2 off
9		■		Fuel hose Di 2 / Da 5 / L 5000
		■		Efix (fuel assembly, without drawing)
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

	Thermo Top Evo Smart 4 kW CAR AM		Thermo Top Evo Smart 5 kW CAR AM		Thermo Top Evo Smart 5 kW RV/HD	
Model overview	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline
ECE approval number ECE R122 (heating)	E1 00 0258		E1 00 0258		E1 00 0258	
ECE approval number ECE R10 (EMC)	E1 06 5627		E1 06 5627		E1 06 5627	
Declaration of comformity (CE)	CE		CE		CE	
Heating capacity (part load/full load) [kW]	1.8 / 4.0		1.8 / 5.0		1.8 / 5.0	
Fuel consumption (part load/full load) [l/h]	0.23 / 0.49	0.28 / 0.56	0.23 / 0.62	0.28 / 0.70	0.23 / 0.62	0.28 / 0.70
Nominal voltage (V)	12		12		12	
Communication	analog / W-Bus / LIN / CI-Bus		analog / W-Bus / LIN / CI-Bus		analog + blinkcode / W-Bus / LIN / CI-Bus	
Cyber security	ISO 21434		ISO 21434		ISO 21434	
Function	depending on control element up to 120 min		depending on control element up to 120 min		comfort heating	
Function (with optional kit)	high altitude up to 3000 m		high altitude up to 3000 m		high altitude up to 3000 m	
Rated power consumption, part load/full load (W)	12/21	15/21	12/33	15/33	12/33	12/33
Fuels	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15	Diesel (DIN EN 590) Arctic Diesel HVO/GTL (DIN EN 15940)	E0-E10 (EN228) E85 (DIN51625) M15
Operating temperature (°C)	-40 to 60		-40 to 60		-40 to 60	
Dimensions L x W x H (mm)	218 x 91 x 147		218 x 91 x 147		218 x 91 x 147	
Weight (kg)	2.1		2.1		2.1	
Coolant Pump UP500						
Volume flow against 140mbar / 23° C (l/h)	450		450		450	
Dimensions length x diameter (mm)	89 x 53		89 x 53		89 x 53	
Weight (kg)	0.25		0.25		0.25	

NEW: Webasto System Diagnostics 9044777A

Thermo Top Evo Smart CAR AM

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

Control element not included. Separate order required.

Thermo Top Evo Smart 5 kW RV/HD

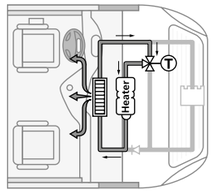
Scope of delivery, heater	Order number
Thermo Top Evo Smart 5 kW HD-LIN (presetting for LIN) Diesel Basic	9043596A
Thermo Top Evo Smart 5 kW RV-CI Classic (CI-Bus) Gasoline Basic	9043597A
Thermo Top Evo Smart 5 kW RV-CI Classic (CI Bus) Diesel Basic	9043598A

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

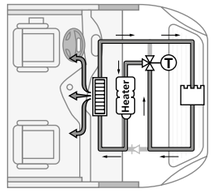
Water heaters
Thermo Top Evo



Thermo Top Evo RV Classic
The Thermo Top Evo is adapted to the specific needs of RV enthusiasts. It allows unlimited heating and offers the double function of heating the cabin and preheating the engine.



The Thermo Top Evo preheats automatically the cabin and the motor:
First, the hot water circulates in the vehicle's water circuit, thus heating up the cabin. All available heat is transferred via the vehicles' blower system to the driver's cabin.

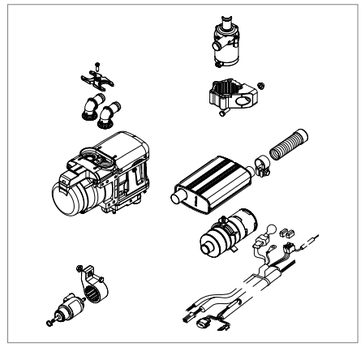


When the cabin is warm enough, the thermostat valve opens and the engine is also heated up by the hot water. The effect can even be increased by reducing the blower speed at the air outlets to a minimum.

The advantages of the Thermo Top Evo:
- More comfort in the front of the vehicle thanks to warmth supplied via the air outlets in the dashboard
- Low fuel consumption due to minimum power level
- Operated by MultiControl or via app through ThermoConnect
- Very fast heat-up phase
- Low-noise

What is the new generation about?
- Stepless heating power adjustment between 1.8 and 5 kW
- Continuous heating with less starts and stops
- Exhaust temperature control for optimized environmental conditions

Basic scope of delivery and basic installation kit



Thermo Top Evo RV Classic

Basic scope of delivery

Heater (Thermo Top Evo RV Classic)
Coolant pump 4847 Econ with bracket
Fuel pump DP42.4 with bracket
Mounting parts water
Documentation

Basic installation kit

Exhaust silencer
Wiring harness heater
Wiring harness relay fuse holder
Mounting parts exhaust
Combustion air silencer
Wiring harness coolant pump 0.6 m

Vehicle specific parts

See available specific installation kits

1 Basic heater scope of delivery
Thermo Top Evo D 12 V RV Classic **9042116A**

2 Basic installation kit
Basic installation kit
Thermo Top Evo RV Classic **9042120B**

3 Specific installation kits
In order to perform a complete application, a vehicle specific installation kit is recommended in addition to the Basic scope of delivery and Basic installation kit.

Thermo Top Evo Fiat Ducato MC MY17 **1325657A**
(covers engines 2,3 JTD 96KW and 109 kW AAC and AC manual)

Thermo Top Evo Additional Kit ACC Fiat Ducato MC MY17 **1325954A**

For the latest list of available vehicle specific installation kits please contact your Webasto Service Center.

4 User interface
To control the heater please choose a user interface from the accessory catalog.

5 Mounting parts
Are included in specific kits or are available as separate accessories. To identify the necessary parts please contact your Webasto Service Center.

6 Accessories (optional)
For extension of your heater system you will find comfort control elements as well as other installation and system components in the separate heating catalog as well as in this catalog.

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Technical specifications

	Thermo Top Evo
Heating power (kW)	1.8 – 5.0
Fuels	Diesel DIN EN 590, Paraffinic fuel (HVO / GTL) DIN EN 15940
Fuel consumption (l / h)	0.22 – 0.62
Rated voltage (V)	12
Operating voltage range (V)	11 – 16.5
Rated power consumption (W)	10 – 33
Dimensions L x W x H (mm)	218 x 91 x 147
Weight (kg)	2.1

Water heaters
Thermo Top Pro 50

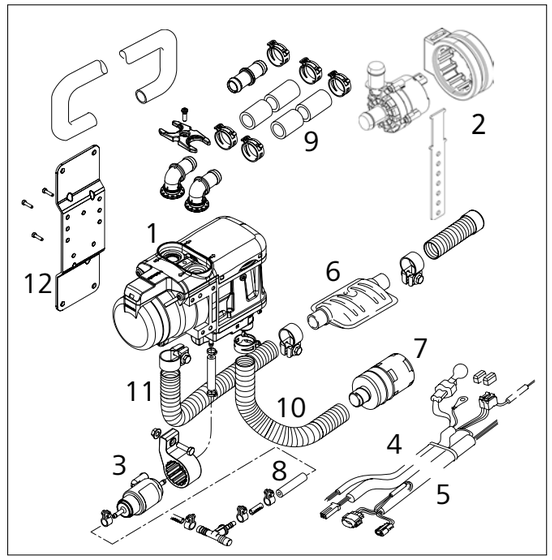


Light and powerful
The Thermo Top Pro 50 heater is the advanced successor to the Thermo Pro 50 Eco, specifically designed for lightweight trucks and small to medium-sized commercial vehicles. It retains the compact dimensions and lightweight design of its predecessor while introducing an enhanced HDSCS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

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

Key facts at a glance:

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



Contents scope of delivery/Installation kit

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

Technical data

	Thermo Top Pro 50
ECE approval number ECE R122 (heating)	E1 00 0471
ECE approval number ECE R10 (EMC)	E1 06 7609
Heating capacity, part load / full load (kW)	2.5 / 5.0
Fuel consumption, part load / full load (l / h)	0.3 / 0.6
Nominal voltage (V)	24
Nominal power consumption without coolant pump, part load / full load (W)	28 - 46
Fuels	Diesel DIN EN 590; Diesel B20-B30 DIN EN 16709;
Operating temperature range (°C)	–40 to +80
Communication	LIN 2.2
Dimensions L x W x H (mm)	218 x 91 x 147
Weight (kg)	2.2
Cyber security	ISO/SAE 21434
Permissible high altitude level above sea level (m)	up to 4000
	Coolant pump UP500
Nominal power consumption (W)	12.0
Volume flow against 0.31 bar (l/h)	500
Dimensions length x diameter (mm)	89 x 53
Weight (kg)	0.25

Thermo Top Pro 50

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

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

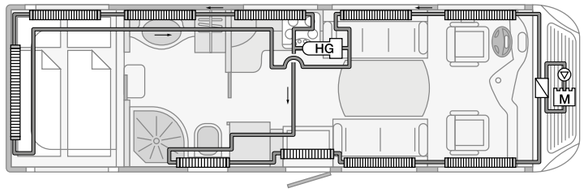
Control element not included. Separate order required.

NEW: Webasto System Diagnostics 9044777A

Water heaters
Thermo Pro 90



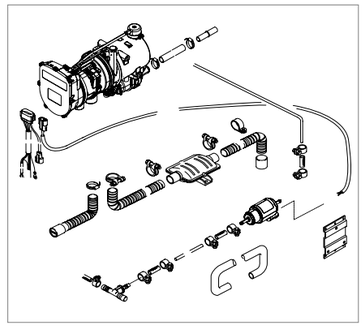
Thermo Pro 90
The Thermo Pro 90 enables the pre-heating of the passenger compartment in medium to large vehicles and optional engine pre-heating.



When several convectors are applied, a parallel distribution should be chosen. That way you ensure that even the last convector is still performing perfectly.

The advantages of the Thermo Pro 90:
- Wide heating power range from 1.8 to 9.1 kW
- Low weight, compact design
- High operational readiness of vehicles even at low temperatures
- Automatic altitude adjustment up to 3,500 m

Scopes of delivery



Thermo Pro 90

Basic heater incl. U4840
Fuel pump DP42.4
Documentation

Mounting kit standard

Exhaust system with exhaust silencer
Wiring harness with fuse holder
Extension wiring harness for fuel pump 5 m
Fuel hose 6 m
Combustion system with air-intake silencer
Mounting parts

1 Order number

Thermo Pro 90 D 12 V Basic	**9023075C**
Mounting Kit Thermo Pro 90 12 V Standard	**9024620A**

2 User interface
To control the heater, please chose a user interface such as a switch or a timer from the accessory catalog.

3 Water system
For distribution and conversion of heat within the vehicle, you need additional pipes, valves etc.

4 Accessories (optional)
For extension of your heater system, you will find comfort control elements as well as other installation and system components in the separate heating catalog as well as in this catalog.

Technical specifications

	Thermo Pro 90
Heating power, control range / Boost (kW)	1.8 – 7.6 / 9.1
Fuels	Diesel DIN EN 590, B100 FAME DIN EN 14214, Fuel oil EL DIN 51603-1, Paraffinic fuel DIN EN 15940 (HVO, GTL)
Fuel consumption, control range / Boost (l / h)	0.2 – 0.90 / 1.1
Rated voltage (V)	12
Operating voltage range (V)	10.5 – 16
Rated power consumption (W)	37 – 83 / 90
Dimensions L x W x H (mm)	385 x 139 x 219
Weight (kg)	4.9

* Recommendation: max. one season only due to aging of the fuel.

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Main accessories for heating systems

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Combustion air line 48

Exhaust system 50

Fuel system 53

Hot air system 54

Water system 68

Valve 70

Mounting parts 72

Electrical accessories 74

Maintenance and diagnostics 76

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Control elements

Wireless

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Top Evo Smart	Thermo Pro 90	Order number
	**ThermoConnect** – 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	■	■	■	■	■	■	9040223F
	**Remote control Telestart T99** – 12 V – 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** – Incl. battery, – Included in kit 9039217A, – Up to four transmitters can be connected	■			■	■		9039224A
	**Y-adapter for wiring harness** For connecting a second control element	■	■	■	■	■		1319820A

Wired

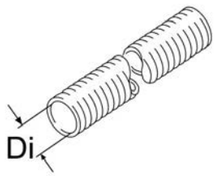
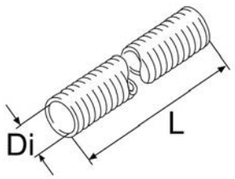
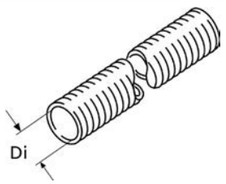
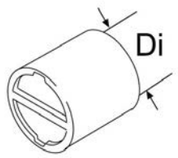
	**MultiControl Mar RV ATE** – 12 / 24 V – Available control functions: heating, ventilation – 21 activatable timer (3 preselectable on-times per day, programmable for 7 days in advance) – Quick start button – Individual operating time between 10 – 120 minutes and continuous heating – Quick and intuitive operation thanks to a large TFT display and multifunction button – Cover panel dimensions (L x W) 68 x 48 mm – Installation depth: 15 mm – Including adhesive pad – Pre-set to Air Top 2000 STC, all other air heaters can be selected	■	■	■				9030910F
	**MultiControl Mar RV TT** – 12 / 24 V – Available control functions: heating, ventilation, – 21 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 – Cover panel dimensions (L x W) 68 x 48 mm – Installation depth: 15 mm – Including adhesive pad – Pre-set to Thermo Top Evo, all other water heaters can be selected				■	■		9030911E

Control elements

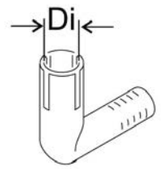
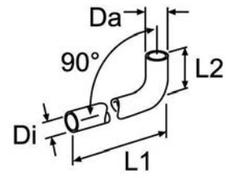
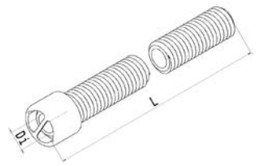
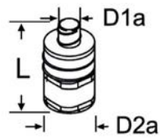
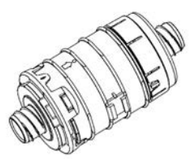
Switches

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Top Evo Smart	Thermo Pro 90	Order number
	**Digital Rotary Selector** 12/24V - Simple and stepless temperature preselection - Status LED - Digital communication with heater (Webasto Control element connector) - Compact design for tight installation spaces	■	■	■				9045336A
	**Rotary selector switch** – 12 / 24 V – Available control functions: steplessly adjustable heating – With operation indicator and fault display by blink code – Cover panel dimensions: Ø 49 mm – Installation depth 55 mm		■	■				1322581A
	**Rotary selector switch with automatic altitude adjustment** – 12 / 24 V – With switch function and light – Cover panel Ø 49 mm – Installation depth including plug: 55 mm, – For Air Top Evo heaters with automatic altitude compensation			■				1322703A
	**Installation cover panel** – For rotary selector switch (1322581A) – Cover panel dimensions (L x W): 84 x 41.6 mm		■	■				1319733A
	**Rocker switch ON/OFF** – 12 / 24 V – Available functions: ON / OFF-switch – LED to indicate heater operation – Cover panel dimensions (L x W): 23 x 23 mm (drilling hole 20 mm)						■	9032550A
	**W-LAN plug for eThermo Top Eco**			■				PEA-NX-4458

Combustion air line

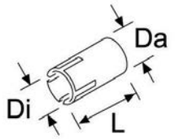
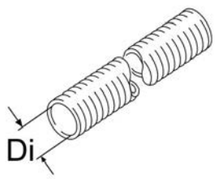
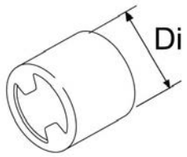
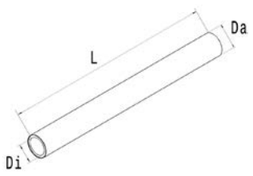
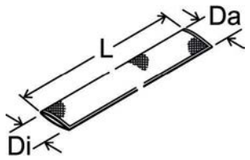
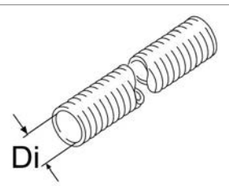
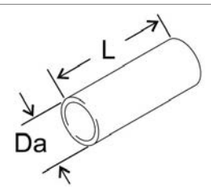
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40 / 55	Thermo Top Evo	Thermo Pro 90	Order number
	**Flexible pipe**						
	PAK						
	Di = 22, L = 10,000	■	■		■		1321566A
	Di = 22, L = 20,000	■	■		■		1321565A
	Di = 25, L = 5,000			■			1321587A
	Di = 25, L = 10,000			■			1321588A
	Di = 25, L = 20,000			■			1321586A
	Di = 30, L = 5,000					■	1321557A
	Di = 30, L = 10,000					■	1321558A
	Di = 30, L = 20,000					■	1321542A
	**Flexible pipe**						
	H-M-A, for intake silencer						
	Di = 21.4, L = 400	■	■		■		1323271A
	Di = 21.4, L = 1,000	■	■		■		9035621A
	Di = 24.5, L = 500						1322684A
	**Flexible pipe**						
	Di = 30, Da = 34, stainless steel						
	L = 3,000					■	1321494A
	L = 5,000					■	1321495A
	L = 10,000					■	1321496A
	L = 20,000					■	1321493A
	**Protection cap**						
	plastic						
	Di = 27	■	■		■		1320257A
	Di = 39					■	1320258A

Combustion air line

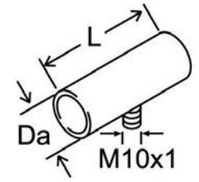
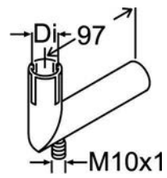
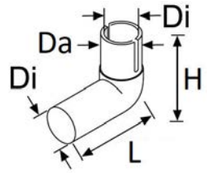
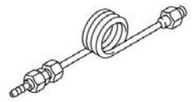
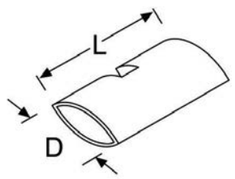
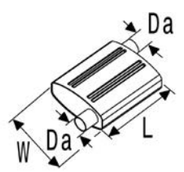
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40 / 55	Thermo Top Evo	Thermo Pro 90	Order number
	**Combustion air elbow**						
	plastic						
	Di = 22	■	■		■		1320144A
	Di = 25			■			1320278A
	**Combustion air hose**						
	Di = 22, Da = 27, L1 = 1,000, L2 = 80, black	■	■		■		1320842A
	**Air-intake silencer**						
	PAK						
	Di = 22, L = 800, without protection cap	■	■		■		1322455A
	Di = 25, L = 650, with protection cap			■			1319924A
	Di = 30, L = 500, with protection cap					■	1322512A
	Di = 30, L = 1,160, 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 =149, extremely silent, reduced air intake noise, with water separator, plastic	■	■		■		9045274A
	D1a = 21, L = 137.5, black	■	■		■		1315744B
	D1a = 24.2, L = 138, complete with 300 mm flexible pipe			■			9025956A
	**Air intake resonator**						
	D1a = 21, L = 128, extremely silent, reduced air intake noise, with connection of additional silencer via H-M-A 21.4 tube	■	■		■		9045275A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

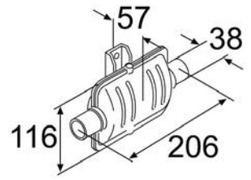
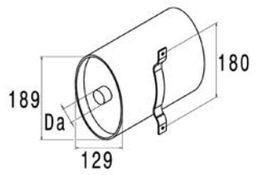
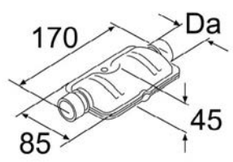
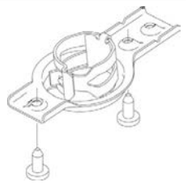
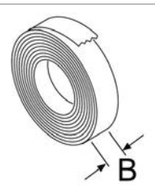
Exhaust system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 90	Order number
	**Exhaust pipe extension**						
	Di = 22, Da = 24, L = 40, stainless steel	■	■		■		1320382A
	**Flexible pipe**						
	stainless steel						
	Di = 22, Da = 26, L = 1,000, with end cap	■	■		■		1322414A
	Di = 24, Da = 28, L = 10,000			■			1321523A
	Di = 38, Da = 41, L = 5,000					■	1321540A
	Di = 38, Da = 41, L = 10,000					■	1321541A
	Di = 38, Da = 41, L = 20,000					■	1321539A
	**Protection cap**						
	L = 17, stainless steel						
	Di = 26, for flexible exhaust pipe	■	■		■		1320109A
	Di = 28, for flexible exhaust pipe			■			1320217A
	Di = 38, for flexible exhaust pipe, 10 pieces					■	1321753A
	**Heat protection hose**						
	fiberglass, with cover, non-flammable, interior resistant to temperatures up to 500 °C						
	Di = 28, Da = 38, L = 324	■	■	■	■		1319670A
	Di = 45, Da = 55, L = 1,000					■	1328352A
	**Flexible heat protection hose**						
	Di = 70, Da = 120, L = 1,850, fiberglass					■	1320830A
	**Flexible heat protection hose**						
	L = 10,000						
	Di = 28, GA-A	■	■	■	■		1321601A
	Di = 45, GA2-A					■	1321602C
	**Exhaust connecting pipe**						
	Da = 24, L = 50, stainless steel			■			1319937A

Exhaust system

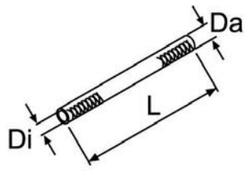
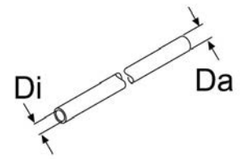
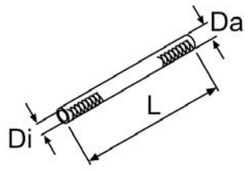
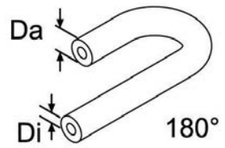
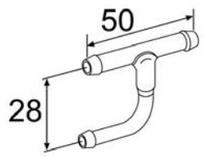
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 90	Order number
	**Exhaust connecting pipe**						
	Da = 38, L = 65, stainless steel, with condensate drain					■	1320959A
	**Exhaust elbow**						
	Di = 24, Da = 24, L = 97, stainless steel						
	without condensate drain			■			1320383A
	with condensate drain			■			1320378A
	**Exhaust elbow**						
	without condensate drain						
	Di = 22, Da = 22, L = 65, H = 46, aluminium	■	■		■		1320117A
	Di = 38, Da = 38, L = 131, H = 100, stainless steel					■	1328762A
	**Condensate drain**						
	L = 128, M10x1, with mounting parts, copper	■	■	■	■	■	92621A
	**Insulating sleeve**						
	L = 120, W = 108, glass fabric, for exhaust silencers 1320841A, 1320895A and 1320488A	■	■	■	■		1320848A
	**Exhaust silencer**						
	Da = 22, L = 179, W = 45, stainless steel	■	■		■		1320910A

Exhaust system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 90	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**						
	L = 170, W = 85, H = 45						
	Da = 22, stainless steel	■	■		■		1320895A
	Da = 22, zinc powder paint surface protection for temperatures up to 650 °C, stainless steel	■	■		■		1320841A
	Da = 24, steel, zinc powder paint surface protection for temperatures up to 650 °C			■			1320372A
	**End fixing kit**						
	for flexible pipe Di 22 mm	■	■		■		1317567A
	**Spacer ring for exhaust pipe**						
	Di = 25, Da = 48, W = 21, for flexible pipe						
	2 pieces	■	■		■		1317812A
	5 pieces	■	■		■		1317843A
	**Insulating tape**						
	L = 50,000, W = 60, white, fibre glass, temperature up to 450 °C, 2 mm thick	■	■	■	■	■	1320357A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Fuel system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 90	Order number
	**Fuel hose**						
	Di = 4.5, Da = 9, L = 5,000, DBL 6256.10	■	■	■	■	■	1321500A
	**Fuel hose**						
	Di = 2, Da = 5, L = 100,000, PA 12, for RVM diesel applications, transparent	■	■	■	■	■	9030734A
	**Fuel hose**						
	Di = 4.5, Da = 10.5, L = 50, PME-resistant, 20 pieces	■	■	■	■	■	9023450A
	**Molded hose 180°**						
	Di = 4.5, Da = 10.5	■	■	■	■	■	1319686A
	**H-shaped fuel extractor**						
	L = 50, H = 28, steel, zinc coated, extraction at 90° elbow						
	6 x 5 x 6	■	■	■	■	■	1319520A
	8 x 5 x 8	■	■	■	■	■	1320574A
	10 x 5 x 10	■	■	■	■	■	1320806A

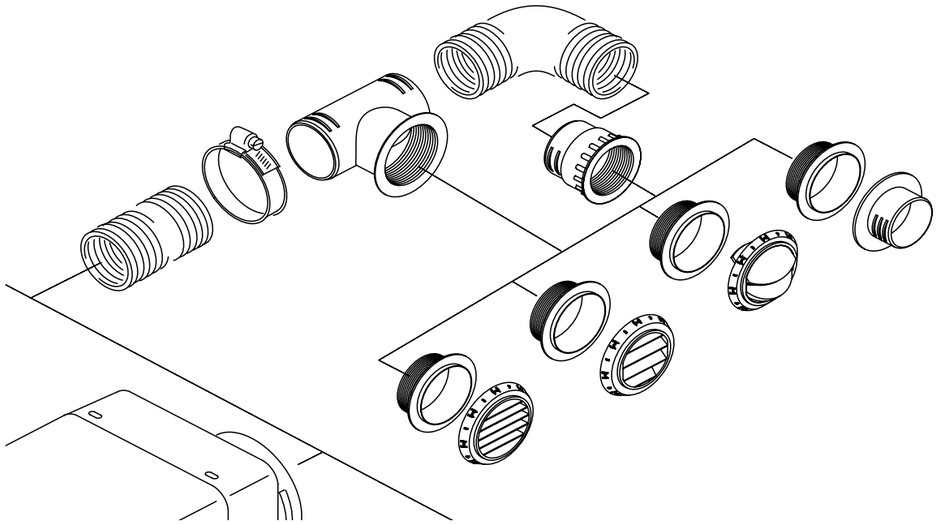
Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Hot air system
Advantages and features

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

The advantages:

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



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

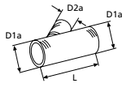
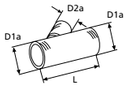
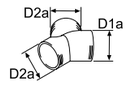
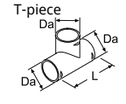
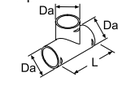
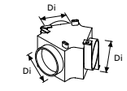
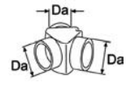
Hot air system
Air flow resistance calculation

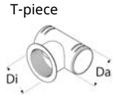
To ensure correct application with the correct air-distribution system, it is important to have a continuous main line with openings that cannot be closed. The sum of the resistance points of the main line must not exceed the maximum number of resistance points for each air heater model. Lines branching off from the main line are not taken into account.
Consequently, the branches can also be designed with closable outlets. In the following table, several air ducting parts are listed. Exceeding the number of points (excessive air resistance of the heating air system) is detected by the heater after starting. For safety reasons, continuous-heating operation is then no longer possible and the heater switches to control pause.

			Air Top 2000 STC / Air Top Pro 25 / Air Top Go 20: max. 325 resistance points			**Air Top Evo 40:** max. 550 resistance points **Air Top Evo 55:** max. 375 resistance points		
			55 / 60 mm inlet			**80 / 90 mm inlet**		
			Dim. in mm	**Points**	**Id.**	**Dim. in mm**	**Points**	**Id.**
Intake grill / grille			60	24	1320163A	90	65	1310581A
Flexible tubing per meter			55	30	various	80	27	various
			60	27	various	90	25	various
Additional points for elbow in flexible tube			55	10	various	80	7	various
			60	8	various	90	6	various
Air ducting silencer			–	–	–	90	24	1321734A
			–	–	–	90	16	1320996A
Reducing adapter air intake			–	–	–	90 > 80	45	1320186A
Reducing adapter			60 > 55	27	1320127A	80 > 55	223	1319477A
			–	–	–	90 > 60	211	1320760A
			–	–	–	90 > 80	45	1320185A
			–	–	–	90 > 80	45	1320925A
Hose connector			55	12	1319473A	80	5	1319476A
			60	10	1320469A	90	5	1319869A

Hot air system

Air flow resistance calculation

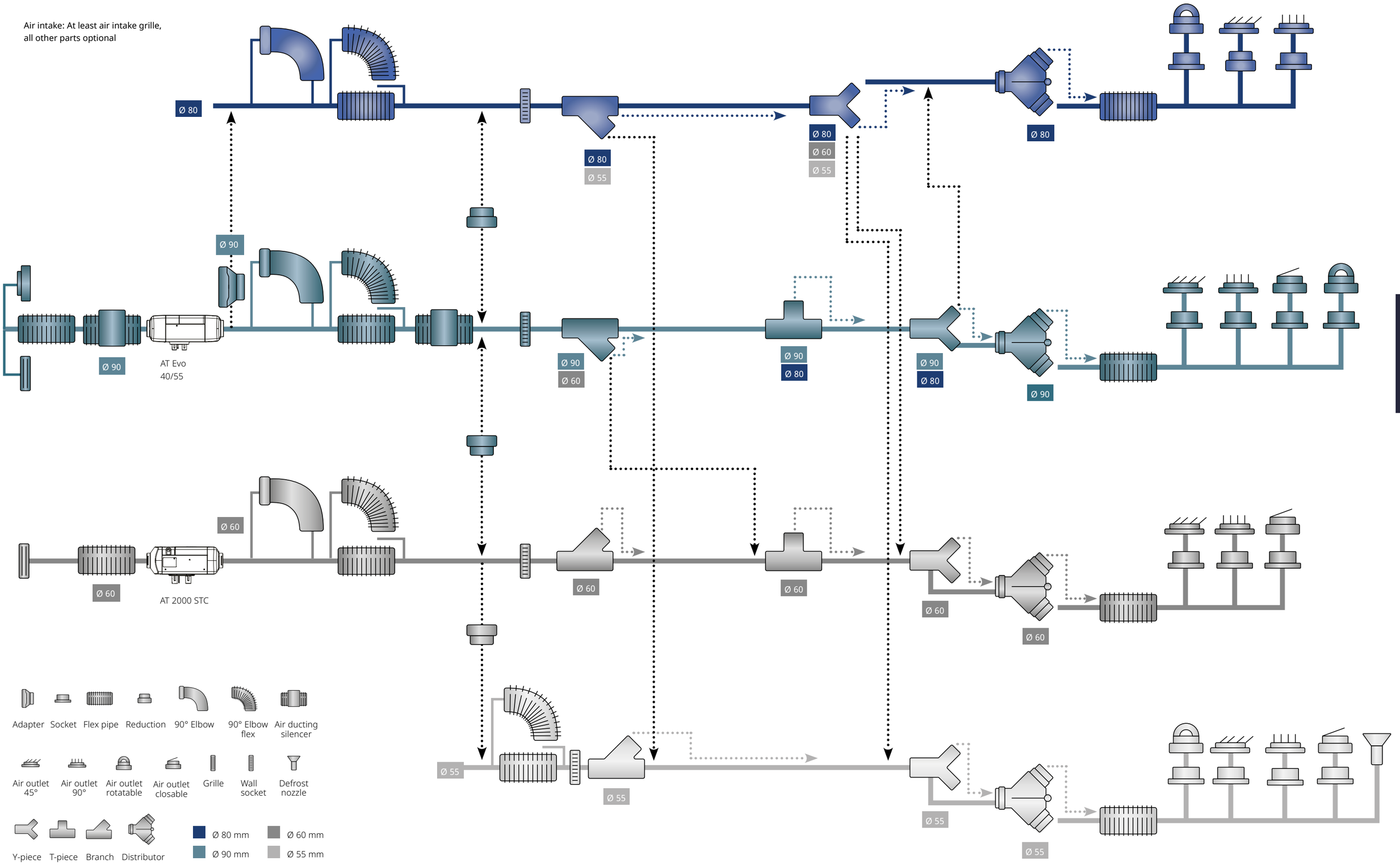
			Air Top 2000 STC / Air Top Pro 25 / Air Top Go 20: max. 325 resistance points			Air Top Evo 40: max. 550 resistance points Air Top Evo 55: max. 375 resistance points		
			55 / 60 mm inlet			80 / 90 mm inlet		
			Dim. in mm	Points	Id.	Dim. in mm	Points	Id.
Elbow for air outlet			60	35	1320124A	–	–	–
Elbow			–	–	–	80	50	1319272A
			–	–	–	90	77	1320706A
Branch				55 / 55 / 55	10	1321019A	80 / 55 / 80	8	1319479A
				60 / 60 / 60	9	1320472A	80 / 80 / 80	9	1319315A
				–	–	–	90 / 60 / 90	8	1320707A
				–	–	-	90 / 60 / 90	8	1321034A
Branch				55 / 55 / 55	22	1321019A	80 / 55 / 80	230	1319479A
				60 / 60 / 60	21	1320472A	80 / 80 / 80	50	1319315A
				–	–	–	90 / 60 / 90	228	1320707A
				–	–	–	90 / 60 / 90	228	1321034A
Y-piece				60 / 60 / 60	20	1320814A	80 / 55 / 55	230	1320753A
				–	–	–	80 / 60 / 60	201	1320471A
				–	–	–	80 / 80 / 80	50	1320375A
				–	–	–	90 / 90 / 90	42	1320470A
T-piece				60 / 60 / 60	13	1320474A	90 / 90 / 90	13	1320473A
T-piece				60 / 60 / 60	63	1320474A	90 / 90 / 90	61	1320473A
Distributor with control valve				55 / 55 / 55	19	1319224A	80 / 80 / 80	21	1319214A
				60 / 60 / 60	20	1320352A	90 / 90 / 90	21	1320926A
				55 / 55 / 55	21	1319416A	80 / 80 / 80	50	1319212A

			Air Top 2000 STC / Air Top Pro 25 / Air Top Go 20: max. 325 resistance points			Air Top Evo 40: max. 550 resistance points Air Top Evo 55: max. 375 resistance points		
			55 / 60 mm inlet			80 / 90 mm inlet		
			Dim. in mm	Points	Id.	Dim. in mm	Points	Id.
Threaded T-piece				60 / 60 / 60	8	1320476A	90 / 60 / 90	11	1320475A
Threaded T-piece				60 / 60 / 60	36	1320476A	90 / 60 / 90	254	1320475A
Rotatable air outlet				Ø 60 / black	24	1322405A	–	–	–
Closeable air outlet				Ø 55 / black	64	1320812A	–	–	–
				Ø 60 / black	59	9012300A			
				Ø 60 / white	59	9012301A	Ø 90 / white	50	1320713A
				Ø 60 / grey	59	9012302A	Ø 90 / black	50	1320355A
				Ø 60 / brown	59	1320208A	Ø 90 / grey	50	1320714A
Outlet 45°				Ø 55 / 45° / black	142	107836	Ø 80 / 45° / black	136	107984
				Ø 60 / 45° / black	139	9012294A	Ø 90 / 45° / black / pivoted	134	1320956A
				Ø 60 / 45° / white	139	9012295A	Ø 90 / 45° / black	134	1320709A
				Ø 60 / 45° / grey	139	9012296A	Ø 90 / 45° / white	134	1320710A
				Ø 60 / 45° / brown	139	1320761A	Ø 90 / 45° / grey	134	1320354A
Outlet 90°				Ø 55 / 90° / black	37	101625	–	–	–
				Ø 60 / 90° / black	35	9012297A	Ø 80 / 90° / black	35	1322710A
				Ø 60 / 90° / white	35	9012298A	Ø 90 / 90° / black	33	1320932A
				Ø 60 / 90° / grey	35	9012299A	Ø 90 / 90° / grey	33	1320712A
				Ø 60 / 90° / brown	35	1320762A	Ø 60 / 90° / white	33	1320711A
Wall socket				55	10	1319417A	80	11	1319471A
				55	10	1320063A	90	12	1320924A
				60	10	1320923A	–	–	–
Wall socket with air outlet				60	24	1322634A	–	–	–
Air intake grille				60	139	1319269A	80	137	1319269A
					–	–	90	134	1319269A

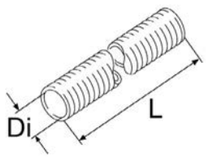
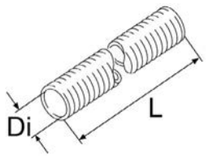
Air ducting combination possibilities:

Air ducting: At least flex pipe & air outlet, all other parts optional.

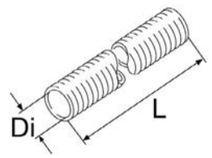
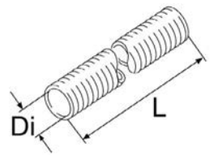
Air intake: At least air intake grille, all other parts optional



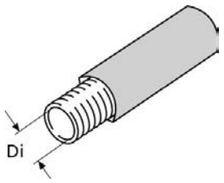
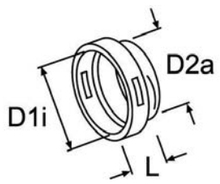
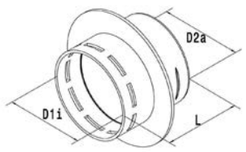
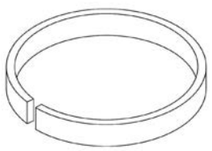
Hot air system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**Flexible pipe, 55 mm, suitable only with adapter**				
	Di = 55				
	L = 2000, APK, black	■	■	■	1315889A
	L = 2000, PAPK, grey	■	■	■	1321580B
	L = 5000, APK, black	■	■	■	1321573B
	L = 10000, APK, black	■	■	■	1322082A
	L = 10000, PAK	■	■	■	1321701B
	L = 25000, APK, black	■	■	■	1311891C
	L = 25000, PAPK, grey	■	■	■	1311896C
	**Flexible pipe, 60 mm, suitable for Air Top 2000 STC, for other heaters with adapter**				
	Di = 60				
	L = 2000, APK, black	■	■	■	1321574B
	L = 2000, PAPK, grey	■	■	■	1321504A
	L = 5000, APK, black	■	■	■	1321575C
	L = 10000, APK, black	■	■	■	1322083C
	L = 10000, PAK, black	■	■	■	1321692B
	L = 10000, PAPK, grey	■	■	■	1321727C
	L = 20000, PAK, black	■	■	■	1321697B
	L = 25000, APK, black	■	■	■	1311892C
	L = 25000, PAPK, grey	■	■	■	1311898C

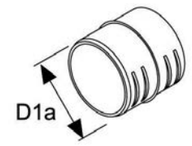
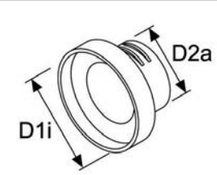
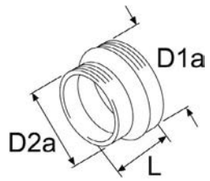
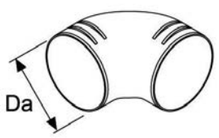
Hot air system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**Flexible pipe, 80 mm, suitable only with adapter**				
	Di = 80				
	L = 1000, AA, grey	■	■	■	1321531A
	L = 2000, APK, black	■	■	■	1321576C
	L = 2000, PAPK, grey	■	■	■	1321582B
	L = 5000, APK, black	■	■	■	1321577B
	L = 10000, AA, grey	■	■	■	1321533A
	L = 10000, APK, black	■	■	■	1321718C
	L = 10000, PAK	■	■	■	1322147B
	L = 10000, PAPK, grey	■	■	■	1321729B
	L = 25000, APK, black	■	■	■	1311893C
	L = 25000, PAPK, grey	■	■	■	1311900C
	**Flexible pipe, 90 mm, suitable for Air Top Evo 40/55, for other heaters with adapter**				
	Di = 90				
	L = 2000, APK, black	■	■	■	1321578C
	L = 2000, PAPK, grey	■	■	■	1321506B
	L = 5000, APK, black	■	■	■	1321579C
	L = 5000, PAPK, grey	■	■	■	1321508A
	L = 10000, APK, black	■	■	■	1321719C
	L = 10000, PAPK, grey	■	■	■	1321731C
	L = 25000, APK, black	■	■	■	1311894C
	L = 25000, PAPK, grey	■	■	■	1311902C

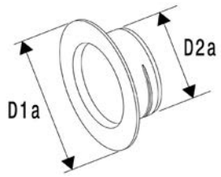
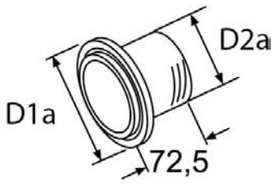
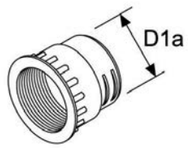
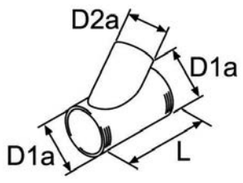
Hot air system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**Elbow**				
	Di = 80.5, Da = 79, L = 115, steel, corrosion-resistant, 90°	■	■	■	1319272A
	**Insulated hose**				
	L = 12000, PAK				
	Di = 80	■	■	■	1321515A
	Di = 90	■	■	■	1321517A
	**Adapter for heater connection**				
	D1i = 90, D2a = 80, L = 40, plastic			■	1320186A
	**Adapter for heater connection**				
	D1i = 60, D2a = 75, L = 40, plastic	■	■		1321005A
	**Adapter ring**				
	Di = 55, Da = 60, aluminium	■	■	■	1320224A

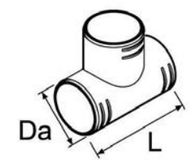
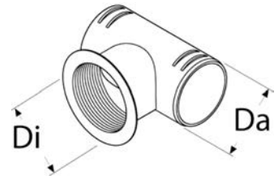
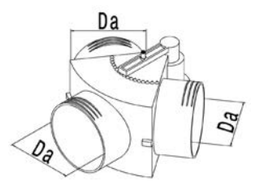
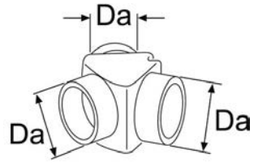
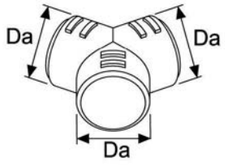
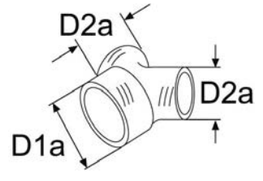
Hot air system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**Double fitting**				
	plastic, for connecting flexible pipes, black				
	D1a = 55, L = 55	■	■	■	1319473A
	D1a = 60, L = 51	■	■	■	1320469A
	D1a = 80, L = 75	■	■	■	1319476A
	D1a = 90, L = 51	■	■	■	1319869A
	**End cap**				
	plastic, black				
	Da = 60	■	■	■	1320477A
	Da = 90	■	■	■	1319870A
	**Extension adapter**				
	D1i = 90, for connecting flexible pipes, in connection with union nut 1320468A, plastic, black				
	D2a = 60, L = 59	■	■	■	1320760A
	D2a = 80, L = 50	■	■	■	1320925A
	**Reduction adapter**				
	plastic, for connecting flexible pipes, black				
	D1a = 60, D2a = 55, L = 35	■	■	■	1320127A
	D1a = 80, D2a = 55, L = 82	■	■	■	1319477A
	D1a = 90, D2a = 80, L = 45	■	■	■	1320185A
	**Elbow**				
	Da = 90, plastic, black	■	■	■	1320706A

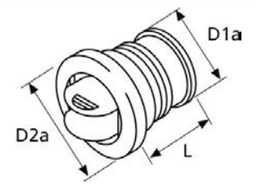
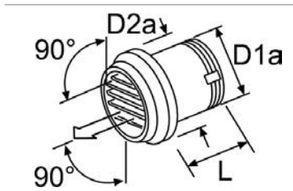
Hot air system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**Hot air elbow 90° for heater connection**				
	Di = 60, Da = 60, plastic, black	■	■	■	1320124A
	**Wall feed-through**				
	plastic, black				
	D1a = 85, D2a = 55	■	■	■	1319417A
	D1a = 90, D2a = 60	■	■	■	1320923A
	D1a = 120, D2a = 90	■	■	■	1320924A
	**Adapter wall socket**				
	L = 72.5, plastic, black				
	D1a = 90, D2a = 55	■	■	■	1320063A
	D1a = 110, D2a = 80, can be combined with wall feed-through	■	■	■	1319471A
	**Union nut**				
	L = 60, plastic, black				
	D1a = 60, in combination with 60 mm air outlet	■	■	■	1320922A
	D1a = 90, in combination with 90 mm air outlet	■	■	■	1320468A
	**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

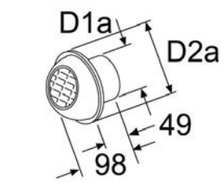
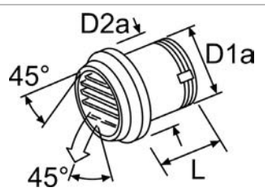
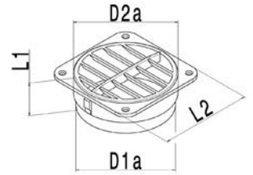
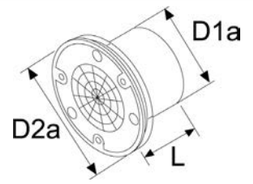
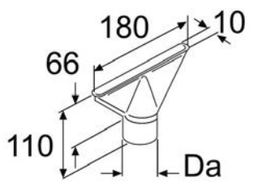
Hot air system

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**T-piece**				
	L = 110, plastic, black				
	Da = 60	■	■	■	1320474A
	Da = 90	■	■	■	1320473A
	**T-piece**				
	Di = 60, black				
	Da = 60, L = 100, plastic, in combination with 60 mm air outlet, with thread	■	■	■	1320476A
	Da = 90, L = 140, plastic, in combination with 60 mm air outlet, with thread	■	■	■	1320475A
	**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
	**Air outlet 45° rotatable**				
	plastic, black				
	D1a = 80, D2a = 55	■	■	■	1320753A
	D1a = 80, D2a = 60	■	■	■	1320471A
	D1a = 90, D2a = 80	■	■	■	1320375A

Hot air system

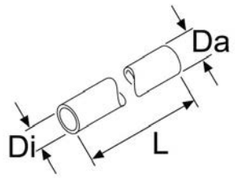
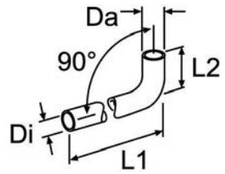
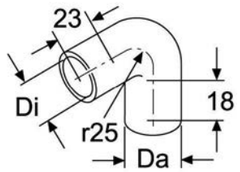
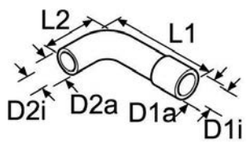
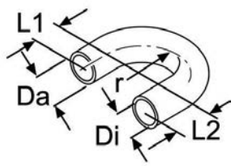
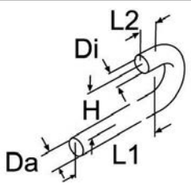
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**Air outlet**				
	D2a = 100, L = 63, black, plastic, lockable, with wall feed through, use for secondary flow only				
	D1a = 55	■	■	■	1320812A
	D1a = 70	■	■	■	1319946A
	**Air outlet**				
	L = 65, plastic, insert grid, straight, rotating, 90°, black				
	D1a = 55, D2a = 87	■	■	■	101625
	D1a = 80, D2a = 110	■	■	■	1322710A
	**Air outlet**				
	plastic, through flow with bushing, 45°				
	D1a = 60, D2a = 85, L = 31.5, black	■	■	■	9012294A
	D1a = 60, D2a = 85, white	■	■	■	9012295A
	D1a = 60, D2a = 85, grey	■	■	■	9012296A
	D1a = 60, D2a = 85, brown	■	■	■	1320761A
	D1a = 90, D2a = 115, grey	■	■	■	1320354A
	D1a = 90, D2a = 115, black	■	■	■	1320709A
	D1a = 90, D2a = 115, white	■	■	■	1320710A
	**Air outlet**				
	lockable, with wall feed through				
	D1a = 60, D2a = 85, black, plastic	■	■	■	9012300A
	D1a = 60, D2a = 85, white, plastic	■	■	■	9012301A
	D1a = 60, D2a = 85, grey, plastic	■	■	■	9012302A
	D1a = 60, D2a = 85, brown	■	■	■	1320208A
	D1a = 90, D2a = 115, black, plastic	■	■	■	1320355A
	D1a = 90, D2a = 115, white, plastic	■	■	■	1320713A
	D1a = 90, D2a = 115, grey, plastic	■	■	■	1320714A
	**Air outlet**				
	plastic, 90°, with wall feed through				
	D1a = 60, D2a = 85, brown	■	■	■	1320762A
	D1a = 60, D2a = 85, black	■	■	■	9012297A
	D1a = 60, D2a = 85, white	■	■	■	9012298A
	D1a = 60, D2a = 85, grey	■	■	■	9012299A
	D1a = 90, D2a = 115, white	■	■	■	1320711A
	D1a = 90, D2a = 115, grey	■	■	■	1320712A
	D1a = 90, D2a = 115, black	■	■	■	1320932A

Hot air system

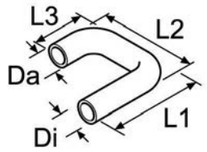
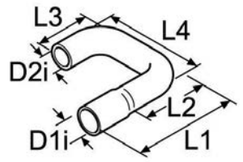
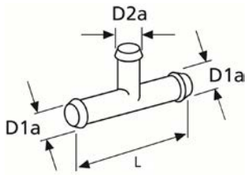
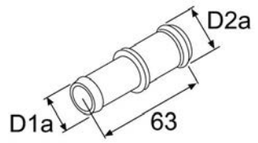
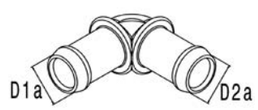
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Order number
	**Air outlet**				
	D1a = 60, D2a = 92, black, plastic, rotatable, with ball-shape outlet, black	■	■	■	1322405A
	**Air outlet**				
	L = 65, plastic, rotatable, black				
	D1a = 55, D2a = 90, 45°	■	■	■	107836
	D1a = 80, D2a = 110	■	■	■	107984
	**Air outlet**				
	D1a = 90, D2a = 120, L1 = 65, L2 = 108, drilling diameter = 95 mm, plastic, through flow with bushing, 45°, black	■	■	■	1320956A
	**Air outlet**				
	D1a = 60, D2a = 97, L = 50, plastic, axiale flow, with wall feed through, black	■	■	■	1322634A
	**Demist nozzle**				
	Da = 55, steel, corrosion-resistant	■	■	■	1319470A
	**Protective screen**				
	for intake and outlet openings of heater, plastic, black				
	Di = 60	■	■		1320163A
	Di = 90			■	1310581A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Water system

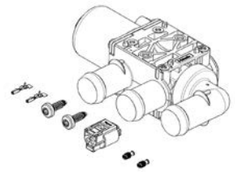
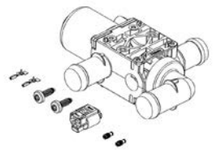
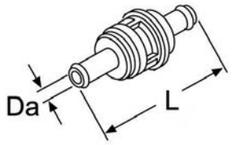
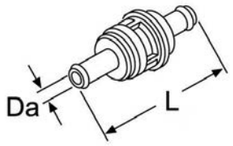
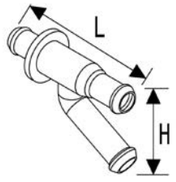
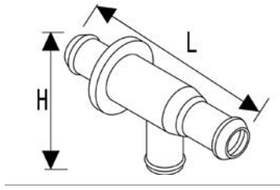
		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 90	Order number
	**Hose**				
	EPDM, black				
	Di = 15, Da = 22, L = 2,400	■	■	■	1320300A
	Di = 18, Da = 25, L = 2,000	■	■	■	1322423A
	Di = 18, Da = 25, L = 20,000	■	■	■	1316941A
	Di = 20, Da = 27, L = 380	■	■	■	1320960A
	**Molded hose 90°**				
	black				
	Di = 15, Da = 22, L1 = 1,020, L2 = 50, 90°	■	■	■	1320789A
	Di = 18, Da = 25, L1 = 136, L2 = 92, 90°	■	■	■	1320907A
	Di = 18, Da = 25, L1 = 500, L2 = 47, 90°	■	■	■	1319953A
	Di = 18, Da = 25, L1 = 1,020, L2 = 50, 90°	■	■	■	1320794A
	Di = 20, Da = 27, L1 = 60, L2 = 55, 90°	■	■	■	1319673A
	Di = 20, Da = 27, L1 = 70, L2 = 70, 90°	■	■	■	1319839A
	Di = 20, Da = 27, L1 = 130, L2 = 48, 90°	■	■	■	1320147A
	Di = 20, Da = 27, L1 = 360, L2 = 20, 90°	■	■	■	1320961A
	Di = 20, Da = 27, L1 = 615, L2 = 56, 90°	■	■	■	1320197A
	**Molded hose 90°**				
	Di = 18, Da = 25, 90°	■	■	■	1319418A
	**Molded hose 90°**				
	D1i = 20, D2i = 18, D1a = 27, D2a = 25, black				
	L1 = 70, L2 = 70	■	■	■	1320870A
	L1 = 151, L2 = 55, 90°	■	■	■	1320201A
	**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 = 1,100, L2 = 20, H = 75	■	■	■	1322496A
	Di = 20, Da = 27, L1 = 88, L2 = 64, H = 47	■	■	■	1320913A

Water system

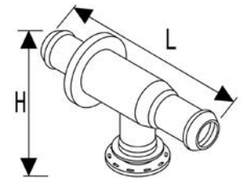
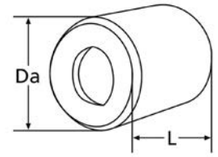
		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 90	Order number
	**Molded hose 180°**				
	180°, black				
	Di = 18, Da = 25, L1 = 110, L2 = 20, H = 54	■	■	■	1322493A
	Di = 20, L1 = 190, L2 = 113	■	■	■	1322473A
	**Molded hose 180°**				
	D1i = 20, D2i = 15, D1a = 27, D2a = 22, L1 = 55, L2 = 20, L3 = 55, L4 = 65, 180°, black	■	■	■	1320901A
	**T-piece**				
	D1a = 15, D2a = 15, L = 75, plastic, black	■	■	■	1327573A
	D1a = 18, D2a = 18, L = 75, plastic, black	■	■	■	1321001A
	D1a = 20, D2a = 25, L = 100, aluminium			■	1328140B
	**Connecting pipe**				
	L = 63				
	D1a = 15, D2a = 18, plastic, 20 pieces, black	■	■	■	9005813B
	D1a = 15, D2a = 20, plastic, 10 pieces, black	■	■	■	1321000A
	D1a = 16, D2a = 18, 10 pieces, black	■	■	■	1321125A
	D1a = 17, D2a = 20, plastic, black	■	■	■	1320143A
	D1a = 18, D2a = 18, plastic, 2 pieces	■	■	■	1322834A
	D1a = 18, D2a = 18, plastic, 10 pieces, black	■	■	■	9006211A
	D1a = 18, D2a = 20, plastic, 2 pieces	■	■	■	9029195A
	D1a = 18, D2a = 20, plastic, 10 pieces, black	■	■	■	9005819C
	D1a = 18, D2a = 22, plastic, black	■	■	■	1320155A
	D1a = 20, D2a = 14, aluminium	■	■	■	1319722A
	D1a = 20, D2a = 20, plastic, black	■	■	■	1320342A
	D1a = 20, D2a = 22, plastic, black	■	■	■	1319594A
	**Connecting pipe**				
	plastic, black				
	Da 18/18 mm, 5 pieces	■	■	■	1321082A
	Da 18/20 mm	■	■	■	1322277A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Valve

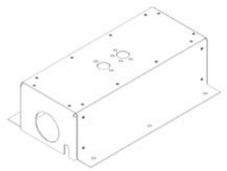
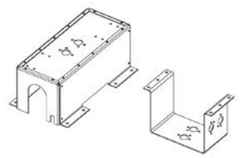
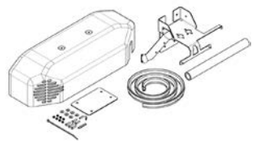
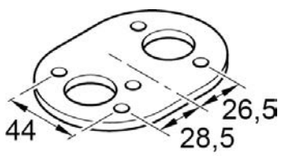
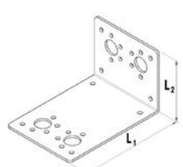
		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 90	Order number
	**3/2 way magnetic valve**				
	incl. socket housing 2-pin, 2 seals, 2 bushing contacts, 2 EJOT-PT-screws, for 18 mm hose		■	■	1328173A
	**3/2 way magnetic valve**				
	incl. socket housing 2-pin, 2 seals, 2 bushing contacts, 2 EJOT-PT-screws, for 18 mm hose		■	■	1328168A
	**Check valve**				
	plastic, with leak hole, black				
	Da = 15, L = 104	■	■	■	1320239A
	Da = 18, L = 90	■	■	■	1319250A
	**Check valve**				
	plastic, without leak hole, black				
	Da = 10, L = 59	■	■		1320838A
	Da = 18, L = 100	■	■	■	1319484A
	**Check valve**				
	L = 94				
	Da = 18, H = 42	■	■	■	1327550A
	Da = 20, H = 43	■	■	■	1327551A
	**Check valve**				
	Da = 18, L = 94, H = 52, double check valve ball-type T	■	■	■	1327549A

Valve

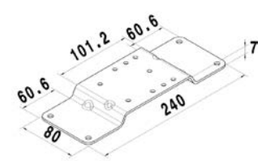
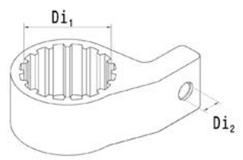
		eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 90	Order number
	**Check valve**				
	Da = 18, L = 94, H = 46, double check valve ball-type for heater connection	■	■	■	9043408A
	**Bleeding valve**				
	ball valve				
	Da = 18.5, L = 30, for 18 mm hoses	■	■		1329243A
	Da = 21, L = 25, for 20 and 21 mm hoses	■	■	■	9044045B

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Mounting parts

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 90	Order number
	**Installation box**						
	steel, enables additional installation options, with mounting parts		■				86032A
	**Installation box**						
	stainless steel, with mounting parts	■	■				1311609B
	**Installation box**						
	stainless steel, with mounting parts			■			9016392B
	**Air Top box**						
	stainless steel / plastic, for front mounting air heaters on commercial vehicle bodies, with holder and mounting parts	■	■	■			9005942B
	**Reinforcement plate**						
	stainless steel, for reinforcement on thin body panels	■	■	■			1320995A
	**Heater bracket**						
	L1 = 157, L2 = 112, W = 130, stainless steel 3 mm, suitable for various installation options	■	■	■			1319936A

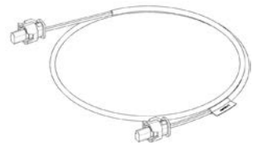
Mounting parts

		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	Thermo Top Evo	Thermo Pro 90	Order number
	**Heater bracket**						
	sheet metal				■		1321940A
	**Fuel pump holder**						
	D1i = 35, D2i = 6.5, rubber, 3 pieces, black	■	■	■	■	■	1320193A
	**Adapter Plate Air Top**						
	L1 = 170, L2 = 150, H = 40, stainless steel 2 mm, suitable for various installation options	■	■	■			1331850A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

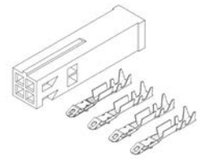
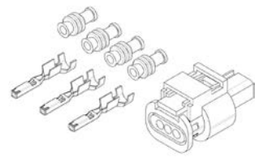
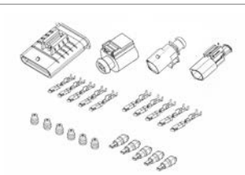
Electrical accessories

Wiring

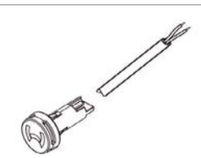
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 90	Order number
	**Expansion kit 4-pole standard plug**							
	for extension cable 4 pin, for control panel, e.g. MultiControl							
	L = 1,800	■	■	■		■	■	1319724A
	L = 3,000	■	■	■		■	■	9031988A
	**Extension wiring harness DP40/42**							
	for fuel pump DP 40/42							
	L = 3,000	■	■	■		■	■	1319526A
	L = 5,000	■	■	■		■	■	1321836A
	L = 7,000	■	■	■		■	■	1319527A
	**Wiring harness coolant pump**							
	L = 400				■	■		1320306A
	L = 600				■	■		1319967A
	L = 1,500				■	■		1320307A
	**Main supply cable 230 V**							
	V = 230, black							
	L = 2,500				■			1325978B
	L = 3,500				■			1325985B
	L = 5,000							1325980B
	L = 10,000				■			1325981B
	**House connecting cable angled 230V**							
	L = 2,500, V = 230, black, angled				■			1325979B
	**Extension cable**							
	L = 1,500, V = 230, orange, with locking washer				■			1325983A

Electrical accessories

Connector kits

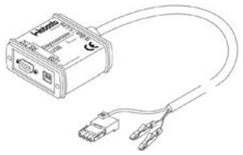
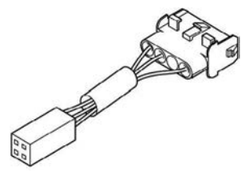
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 90	Order number
	**Plug kit**							
	4-pin plug with 4 pins, 0.1 ... 0.6 mm²	■	■	■	■	■	■	9029703A
	**Plug kit**							
	plug kit for connecting coolant pump U4850 and UP500, with plug, contacts and sealings					■		9038468A
	**Kit plugs for coolant pump U4847**							
					■	■		9043846A
	**Kit Connectors Air Top Pro 25**							
	Connector set of connectors and small parts for Air Top Pro 25 wiring. Connector housing 8pin for heater control, Connector housing 2pin for power supply, Connector housing set 2x4pol for Diagnostic; Flat spring contacts, Connector housing 4pin for control element, including spring contacts and seals	■						9046161A

Components

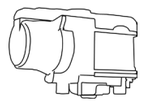
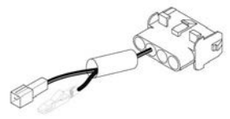
		Air Top Pro 25 / Air Top Go 20	Air Top 2000 STC	Air Top Evo 40/55	eThermo Top Eco 20 P/30 P	Thermo Top Evo	Thermo Pro 90	Order number
	**Temperature sensor RVM**							
	L = 2,500, open wires	■	■					9037591A
	L = 5,000, open wires	■	■					9037593A
	L = 2,500, with plug			■				9030881A
	L = 5,000, with plug			■				9030883A
	**Temperature sensor deLuxe**							
	Sensor „deLuxe“	■	■					9045307A
	Sensor „deLuxe“ with cable L=5000	■	■					9045582A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Maintenance and diagnostics

		Order number
	**PC diagnosis kit** for Webasto heating devices, USB port, for Windows operating system	1320920A
	**Adapter cable, PC diagnosis** for diagnosis via 4-pin control connector, also for upgrade kit	1319503A

Maintenance and diagnostics

		Order number
	**Webasto System Diagnostics Interface** for Air Top Pro 25, Air Top Go 20, Thermo Top Evo Smart, and Thermo Top Pro 50	9044777A
	**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 Air Top 2000 ST, Air Top 3500 ST, Air Top 5000 ST	1319940A

Please refer to our separate heating product catalog for our full range of accessories (see also page 9).

Hybrid and gas-only solutions

Hybrid solutions	80
Gas-only solutions	84

Hybrid and gas-only solutions

With the innovative products by Webasto

Gas-only solution

Gas/Gas electric



Heat Air

Gas/Gas electric



Expanse water heater

Hybrid solution

Diesel



Air Top Pro 25

Diesel



Air Top Evo 40/55

Gas/Gas electric



Expanse water heater

Hybrid solutions
Hybrid 3, 5 and 7

Three smart solutions

Choose between our Hybrid 3, Hybrid 5 and Hybrid 7:

- Hybrid 3: heat output 2 kW (Air Top Pro 25) + 1.35 kW (Expanse water heater): compact solution for campervans
- Hybrid 5: heat output 4 kW (Air Top Evo 40) + 1.35 kW (Expanse water heater)
- Hybrid 7: heat output 5.5 kW (Air Top Evo 55) + 1.35 kW (Expanse water heater)
- Hybrid 3, 5 and 7 can be combined with an additional electrical heater for water heating: Hybrid 3 E, Hybrid 5 E and Hybrid 7 E



Air Top Pro 25

or

+



Air Top Evo 40 or 55



Expanse water heater*

The advantages of Hybrid solutions:

- Compact diesel-fueled space heating and gas-fueled hot water heating
- Flexible installation onboard or underfloor
- Gas-fueled water heating optionally available with electric auxiliary heating when connected to mains voltage
- Space-saving air distribution with only 60 mm diameter available for compact vehicles (Hybrid 3)

Technical specifications

	Air Top (Diesel) + Whale Expanse gas-only water heater			Air Top (Diesel) + Whale Expanse gas electric water heater		
	Hybrid 3	**Hybrid 5**	**Hybrid 7**	**Hybrid 3 E**	**Hybrid 5 E**	**Hybrid 7 E**
Heating power (kW)						
Cabin air heater	0.7 - 2.0 / 2.5 Boost	1.5 – 4	1.5 – 5.5	0.7 - 2.0 / 2.5 Boost	1.5 – 4	1.5 – 5.5
Water heater	1.35	1.35	1.35	1.35	1.35	1.35
Gas (kW)	1.35	1.35	1.35	1.35	1.35	1.35
Electric (kW)	-	–	–	0.75 / 1.5	0.75 / 1.5	0.75 / 1.5
Diesel consumption (l / h)	0.085 - 0.305	0.18 – 0.49	0.18 – 0.67	0.085 - 0.305	0.18 – 0.49	0.18 – 0.67
Gas consumption (g/h)	98	98	98	98	98	98
Rated voltage (V)	12 / 24	12	12	12 / 24	12	12
Rated power consumption						
Cabin air heater (W)	max. 21	15 – 55	15 – 130	max. 21	15 – 55	15 – 130
Water heater (A)	max. 0.48	max. 0.48	max. 0.48	max. 0.48	max. 0.48	max. 0.48
Air flow (m^3/h)	86	140	220	86	140	220
Water capacity (l)	8	8	8	8	8	8
Approximate water heat up times (15 to 70 °C) (min.)	26	26	26	26	26	26
Dimensions L x W x H (mm)						
Cabin air heater	321 x 127 x 124	423 x 148 x 162	423 x 148 x 162	321 x 127 x 124	423 x 148 x 162	423 x 148 x 162
Water heater	522 x 262 x 180	522 x 262 x 180	522 x 262 x 180	522 x 262 x 180	522 x 262 x 180	522 x 262 x 180
Weight (kg)						
Cabin air heater	2.95	5.9	5.9	2.95	5.9	5.9
Water heater	4.0 - 4.5	4.0 – 4.5	4.0 – 4.5	4.0 - 4.5	4.0 – 4.5	4.0 – 4.5

Expanse water heater

Scopes of delivery



SOD Expanse underfloor	SOD Expanse onboard	Description
■		Water heater 8 L – underfloor model, (1.)
	■	Water heater 8 L – onboard model, (2.)
■	■	Wiring harness 7 m control panel to heater & 12 V harness
■	■	2 m exhaust kit
■	■	3 off exhaust brackets, 100, 80 and 60 mm
■	■	Vacuum relief valve
	■	Drain pipe (5.)
■	■	Installation & operating instruction
■	■	LIN “Heat Control” panel gas only, depending on heater selection (3.)
■	■	LIN “Heat Control” panel gas & electric, depending on heater selection (4.)

The advantages of the Expanse water heater:

- **Underfloor or onboard installation possible**
- **Fast heat up and reheat**
- **Robust design**
- **Gas and electric power options**
- **Compact and lightweight**

Order numbers scope of delivery:

Expanse Gas water heater underfloor	**WHSETWL8211A**
Expanse Gas Elec water heater underfloor	**WHSETWL8212A**
Expanse Gas water heater onboard	**WHSETWL8201A**
Expanse Gas Elec water heater onboard	**WHSETWL8202A**

* KTW certification available for all Expanse water heaters.

For order numbers of Air Top Pro 25, Air Top Evo 40 and Air Top Evo 55 please refer to pages 22 – 27 in this catalog. Please contact Webasto sales partners for Whale spare part inquiries.

Gas-only solutions
Advantages and specifications

Heat Air
Webasto and Whale worked together to develop a gas Air heater which is very silent, compact, lightweight and offers almost the same dimensions as the Webasto Air Top Evo.

Gas



Heat Air 3 GT / 4 G / 5 GT

or

+

Gas electric



Heat Air 5 GTE / 6 GTE



Expanse water heater

The advantages of the Heat Air:

- Compact, space saving heating solution with narrow rotatable design
- Installed underfloor, maximizing valuable living and storage space
- Interchangeability with the Webasto Air Top Evo
- Suitable for caravans, motorhomes and camper vans
- Available as gas-only or gas-electric version

Technical specifications

	Gas + electric solution				
	Heat Air 3 GT + Expanse	**Heat Air 4 G + Expanse**	**Heat Air 5 GT + Expanse**	**Heat Air 5 GTE + Expanse**	**Heat Air 6 GTE + Expanse**
Heating power (kW)					
Cabin air heater Gas	1.4, 3.3	1.4, 2.8, 4.1	1.6, 4.0, 5.0	1.4, 2.8, 4.1	1.6, 4.0, 5.0
Cabin air heater Electric	–	–	–	0.75, 1.50, 3.00	0.75, 1.50, 3.00
Cabin air heater Combined	–	–	–	4.3	5.5
Water heater Gas-only (kW) Gas electric (kW)	1.35 1.35 0.75 / 1.5	1.35 1.35 0.75 / 1.5	1.35 1.35 0.75 / 1.5	1.35 1.35 0.75 / 1.5	1.35 1.35 0.75 / 1.5
Gas consumption (g / h)					
Cabin air heater	109, 239	109, 233, 342	131, 342, 436	109, 233, 342	131, 342, 436
Water heater	98	98	98	98	98
Rated voltage (V)	12 DC	12 DC	12 DC	12 DC / 230 AC	12 DC / 230 AC
Rated power consumption					
Cabin air heater (A)	0.6 – 2.5	0.6 – 3.3	0.6 – 6.5	0.6 – 3.3	0.6 – 6.5
Cabin air heater (W)				3.3, 6.6, 13.0	3.3, 6.6, 13.0
Water heater (A)	max. 0.48	max. 0.48	max. 0.48	max. 0.48	max. 0.48
Air flow (m^3/ h)	150	140	220	220	220
Water capacity (l)	8	8	8	8	8
Approximate water heat up times (15 to 70 °C) (min.)	26	26	26	26	26
Dimensions L x W x H (mm)					
Cabin air heater	469 x 165 x 175	469 x 165 x 175	469 x 165 x 175	559 x 165 x 175	559 x 165 x 175
Water heater	522 x 262 x 229	522 x 262 x 229	522 x 262 x 229	522 x 262 x 229	522 x 262 x 229
Weight (kg)					
Cabin air heater	5.9	5.5	5.9	8.7	8.7
Water heater	4.0 – 4.5	4.0 – 4.5	4.0 – 4.5	4.0 – 4.5	4.0 – 4.5

Heat Air

Scopes of delivery

Heat Air 3 GT



1

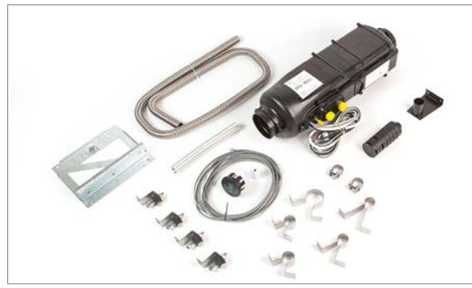
Order numbers scope of delivery:
Heat Air 3 GT (gas only) **WHSETSL3511A**

2

Accessories (mandatory)
One installation bracket, to be ordered separately:

Standard Z Bracket	**WHAK1819B**
Ford Custom Bracket	**WHAK1820B**
VW T5 / T6 Bracket	**WHAK1818B**

Heat Air 4 G & 5 GT/5 GTE & 6 GTE



1

Order numbers scope of delivery:
(Standard Z Bracket included)
Heat Air 4 G (gas only) **WHSETSL5511A**
Heat Air 5 GT (gas only) **WHSETSL6511A**

1

Order numbers scope of delivery:
(Standard Z Bracket included)
Heat Air 5 GTE (gas electric) **WHSETSL5512A**
Heat Air 6 GTE (gas electric) **WHSETSL7512A**

2

Accessories (optional)
Z Bracket with cutout for cables for Fiat Ducato, Peugeot Boxer and Citroen **WHAK1821B**

SOD Heat Air 3 GT	SOD Heat Air 4 G & 5 GT	SOD Heat Air 5 GTE & 6 GTE	Description
■			Space heater Heat Air 3 GT
	■		Space heater Heat Air 4 G or Heat Air 5 GT
		■	Space heater Heat Air 5 GTE or Heat Air 6 GTE
■	■		LIN “Heat Control” panel gas-only
		■	LIN “Heat Control” panel gas & electric
■	■	■	RJ12 cable 7 m, control panel to heater with female coupler
	■	■	Standard installation bracket including 4 isolation mounts (Z bracket)
■			2 off reducers 90 to 65 mm
	■	■	1.75 m or 2 m exhaust pipe, 0.25 m intake, silencer with mounting bracket, terminal and 2 clamps
■			3 off exhaust brackets, 1 off 80 mm and 2 off 60 mm
	■	■	4 off exhaust brackets: 1 off 80 mm, 1 off 60 mm and 2 off 40 mm
■	■	■	Installation & operating instruction

Please contact Webasto sales partners for Whale spare part inquiries.



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Cooling solutions

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Rooftop air-conditioning systems
Cool Top Trail 20G / 24G / 28G



An ideal climate with rooftop air-conditioning
The smallest models of the Cool Top Trail family are suitable for use in parked motorhomes and caravans of up to 8 m length. With their generously sized heat exchangers they have a high efficiency and high performance. Their reliability and high cooling capacity has already been proven in very hot Australian summers with up to 50 °C outside temperatures. The units come with heat pump function as a standard which is also very powerful, working in cold outside temperatures of as low as -5 °C. Very low-noise levels allow you to rest and relax inside the vehicle and do not disturb your neighbors in the RV campsite. The use of high-quality components ensures a long lifetime with a minimum expenditure on maintenance. Made from UV stabilized polypropylene, the housing of the units is robust but still lightweight. The units can be operated with an easy to handle remote control which allows the user to access all air conditioner functions from the comfort of the dining area, seat or bed. Besides cooling and heating the units include various extra features such as dehumidification, timer and sleep function. Cool Top Trail air conditioners are delivered with a mounting frame for roof openings of 400 x 400 mm. For the use in smaller cut-outs of 360 x 360 mm an alternative adaptor frame is available as accessory.

The advantages of the Cool Top Trail 20G/24G/28G:

- Powerful units with high cooling and heating capacity
- Refrigerant gas R32 with very low GWP value of only 675
- Robust, lightweight and low-noise
- Wide operating range from -5 to 50°C
- Low profile and compact design
- Easy installation



Control element
Comfortable adjustment via remote control



Technical specifications

	Cool Top Trail 20G	Cool Top Trail 24G	Cool Top Trail 28G
Cooling capacity (W)	2,000	2,400	2,800
Heating capacity (W)	2,000	2,400	2,600
Rated voltage / frequency (V) / (Hz)	230~ / 50	230~ / 50	230~ / 50
Rated current (cooling mode)	3.0	4.2	5.0
Rated current (heating mode)	2.6	3.8	4.8
Operating temperature range (°C)	-5 to 50	-5 to 50	-5 to 50
Current draw start max. peak (A)	20.6	26.9	23.2
Current draw RMS40* (A)	13.8	17.7	17.5
Current draw RMS300** (A)	9.7	10.5	9.1
Roof thickness (mm)	25 to 85	25 to 85	25 to 70
Roof cut-out (mm)	400 x 400 (360 x 360 with optional adaptor frame)	400 x 400 (360 x 360 with optional adaptor frame)	400 x 400 (360 x 360 with optional adaptor frame)
Dimensions outdoor unit (mm)	1,002 x 566 x 215	1,002 x 566 x 215	855 x 657 x 215
Dimensions indoor unit (mm)	557 x 536 x 43	557 x 536 x 43	575 x 556 x 49
Weight total (kg)	30,3	31,3	36

* Starting amperage RMS (Root Mean Square) for first 40 ms
** Starting amperage RMS (Root Mean Square) for first 300 ms

Scopes of delivery



Cool Top Trail Indoor Unit

- Indoor unit
- Adaptor frame 400 x 400 mm
- Remote control and holder
- Template for indoor unit
- Mounting kit

Cool Top Trail Outdoor Unit

- Outdoor unit
- Installation instructions
- Template for outdoor unit

1

Order number

Cool Top Trail 20G Outdoor Unit	**HGN47480031**
Cool Top Trail 24G Outdoor Unit	**HGN47280031**
CTT20-24-20G-24G Indoor Unit 400x400	**HGN47290004**
CTT20-24-20G-24G Indoor Unit CI Bus	**HGN47290008**
Cool Top Trail 28G Outdoor Unit	**HGN74880031**
CTT28-34-28G-34G Indoor Unit 400x400	**HGN47090009**
CTT28-34-28G-34G Indoor Unit CI Bus	**HGN47090015**

CTT20G Outdoor Unit is successor of CTT20 (HGN47480001)
CTT24G Outdoor Unit is successor of CTT24 (HGN47280003)
CTT28G Outdoor Unit is successor of CTT28 (HGN74880001)

2

Accessories (optional)

For the installation of the air conditioner when rooftop cut-out is 36 x 36 cm.
Adaptor frame 36 x 36 cm **HGN36100007**

3

Electrical power supply

For the connection to the vehicle's 230 V system the installer will have to provide a circuit breaker and possibly a residual current device as well as a power supply cable.



Cool Top Trail 20G / 24G



Cool Top Trail 28G

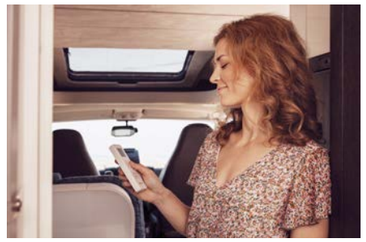
Rooftop air-conditioning systems
Cool Top Trail 34G / 35G



Powerful rooftop air-conditioning
This powerful model of the Cool Top Trail family is suitable for use in motorhomes and caravans of over 8 m length. With its generously sized heat exchangers it has a high efficiency and high performance. Its reliability and high cooling capacity has already been proven in very hot Australian summers with up to 50 °C outside temperatures. The unit comes with heat pump function as a standard which is also very powerful, working in cold outside temperatures of as low as -5 °C. Very low-noise levels allow you to rest and relax inside the vehicle and do not disturb your neighbors in the RV campsite. The use of high-quality components ensures a long lifetime with a minimum expenditure on maintenance. Made from UV stabilized polypropylene, the housing of the unit is robust but still lightweight. The unit can be operated with an easy to handle remote control which allows the user to access all air conditioner functions from the comfort of the dining area, seat or bed. Besides cooling and heating the unit includes various extra features such as dehumidification, timer and sleep function.
Cool Top Trail air conditioners are delivered with a mounting frame for roof openings of 400 x 400 mm. For the use in smaller cut-outs of 360 x 360 mm an alternative adaptor frame is available as accessory.

The advantages of the Cool Top Trail 34G / 35G:

- Powerful rooftop air conditioner with highest cooling and heating capacity in the range
- Robust, lightweight and low-noise
- Wide operating range from -5 to 50 °C
- Low profile and compact design
- Easy installation





Control element
Comfortable adjustment via remote control

Technical specifications

	Cool Top Trail 34G	Cool Top Trail 35G
Cooling capacity (W)	3,400	3,500
Heating capacity (W)	3,200	3,500
Nominal voltage / frequency (V) / (Hz)	230~ / 50	230~ / 50
Rated current (cooling mode)	5.8	5.2
Rated current (heating mode)	5.4	5.1
Operating temperature range (°C)	-5 to 50	-5 to 50
Current draw start max. peak (A)	32.1	29.5
Current draw RMS40* (A)	24.2	21.9
Current draw RMS300** (A)	13.7	10.7
Roof thickness (mm)	25 to 70	25 to 70
Roof cut-out (mm)	400 x 400 (360 x 360 with optional adaptor frame)	400 x 400 (360 x 360 with optional adaptor frame)
Dimensions outdoor unit (mm)	1,122 x 850 x 223	998 x 680 x 340
Dimensions indoor unit (mm)	575 x 556 x 49	557 x 536 x 43
Weight total (kg)	48,5	38.3

* Starting amperage RMS (Root Mean Square) for first 40 ms
** Starting amperage RMS (Root Mean Square) for first 300 ms

Scopes of delivery



Cool Top Trail Indoor Unit

- Indoor unit
- Adaptor frame 400 x 400 mm
- Remote control and holder
- Template for indoor unit
- Mounting kit

Cool Top Trail Outdoor Unit

- Outdoor unit
- Installation instructions
- Template for outdoor unit

1 **Order number**

Cool Top Trail 34G Outdoor Unit	**HGN47080031**
Cool Top Trail 28-28G-34G Indoor Unit	**HGN47090009**
Cool Top Trail 28-34G Indoor Unit CI Bus	**HGN47090015**
Cool Top Trail 35G Outdoor Unit	**HGN73380031**
Cool Top Trail 35G Indoor Unit	**HGN73390001**

2 **Accessories (optional)**
For the installation of the air conditioner when rooftop cut-out is 36 x 36 cm.
Adaptor frame 36 x 36 cm **HGN36100007**

3 **Electrical power supply**
For the connection to the vehicle's 230 V system the installer will have to provide a circuit breaker and possibly a residual current device as well as a power supply cable.





Cool Top Trail 34G





Cool Top Trail 35G

Rooftop air-conditioning systems

Cool Top Trail 28VN / 36VN



Energy efficient rooftop air-conditioning systems with variable-speed-compressor technology

The Cool Top Trail 28VN and 36VN are the latest innovation in rooftop air-conditioning for RVs and Caravans. Their inverter compressor technology allows the units to modulate the cooling or heating output by adapting the compressor speed. This ensures that full performance is provided after start-up to quickly cool down or heat up the vehicle. Once desired set temperature is reached, the units will automatically adapt the compressor speed to precisely maintain the desired comfort temperature. Reducing the compressor speed also reduces the electrical power consumption and the noise level while increasing the energy efficiency.

The smooth compressor start also eliminates any starting peak. In addition, the ECO1 and ECO 2 functions can be used to limit the amperage draw during operation which is a great feature to prevent tripping of circuit breakers on campgrounds with low amperage levels. This amperage limitation function is also very useful when using batteries and 230 V inverters as a power supply. A huge benefit for users who still want to have air-conditioning when no 230 V mains is available.

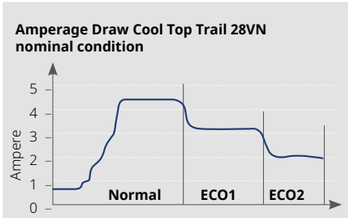
The advantages of the Cool Top Trail 28VN / 36VN:

- Powerful cooling and heating performance
- Variable-speed compressor technology for low-noise, high efficiency, and no start-up current peaks
- ECO1 and ECO2 amperage limitation functions
- Low-profile, compact design with improved appearance
- Turbo mode for rapid cooling or heating
- Approx. 4 kg weight reduction (indoor and outdoor units combined)
- Enhanced outdoor blower enables operation while driving, even at highway speeds
- Standard CI bus interface on all indoor units (no special indoor unit required)
- ECE R10 compliant for legal use while driving



Control element

Comfortable adjustment via remote control



Technical specifications

	Cool Top Trail 28VN	Cool Top Trail 36VN
Cooling capacity (W)	2,800	3,600
Heating capacity (W)	2,600	3,600
Nominal voltage / frequency (V) / (Hz)	230~/ 50/60 Hz	230~/ 50/60 Hz
Rated current (cooling mode) (A)	5.2	6.4
Rated current (heating mode) (A)	5.2	6.0
Operating temperature range (°C)	-5 to 50	-5 to 50
ECO1 (cooling mode, fan mode high) (A)	4.0	5.0
ECO2 (cooling mode, fan mode high) (A)	2.5	3.0
Roof thickness (mm)	25 to 70	25 to 70
Roof cut-out (mm)	400 x 400 (360 x 360 with optional adaptor frame)	400 x 400 (360 x 360 with optional adaptor frame)
Dimensions outdoor unit (mm)	855 x 657 x 215	1.122 x 850 x 223
Dimensions indoor unit (mm)	540 x 480 x 36	540 x 480 x 36
Weight total (kg)	31	40

Scopes of delivery



Cool Top Trail Indoor Unit

- Indoor unit
- Adaptor frame 400 x 400 or 360 x 360 mm
- Remote control and holder
- Template for indoor unit
- Mounting kit

Cool Top Trail Outdoor Unit

- Outdoor unit
- Installation instructions
- Template for outdoor unit

1

Order number

Cool Top Trail 28VN Outdoor unit **HGN7628VN0001**
Cool Top Trail 36VN Outdoor unit **HGN7638VN0001**
Cool Top Trail 28VN-36VN Indoor unit 400 x 400 **HGN76390002**
Cool Top Trail 28VN-36VN Indoor unit 360 x 360 **HGN76390004**

2

Accessories (optional)

For the installation of the air conditioner when rooftop cut-out is 36 x 36 cm.
Adaptor frame 36 x 36 cm **HGN36100007**

3

Electrical power supply

For the connection to the vehicle's 230 V system the installer will have to provide a circuit breaker and possibly a residual current device as well as a power supply cable.



Cool Top Trail 28VN



Cool Top Trail 36VN

Auxiliary air-conditioner for motorhomes

BlueCool Drive 40



BlueCool Drive 40 – auxiliary air-conditioner for motorhomes

The BlueCool Drive 40 system was developed specifically for air-conditioning the motorhome's living space while driving. The air-conditioner impresses with 4 kW cooling capacity and is thus one of the most powerful of its kind on the market. The system utilizes partially existing components of the vehicle's own air-conditioning system and is integrated into the refrigerant circuit of this system.

Uniform cooling of the entire interior space

The use of the vehicle's own air-conditioner and the BlueCool Drive results in the creation of a total cooling system that enables uniform cooling of the entire interior space of the vehicle.

The advantages of the BlueCool Drive 40:

- High cooling capacity of up to 4.0 kW
- High-quality and reliable components from automotive serial production
- Low maintenance costs
- Compact construction of the evaporator
- Low system weight of less than 7 kg
- Simple performance adjustment via a 3-level blower switch
- Comprehensive scope of delivery



Technical specifications

	BlueCool Drive 40
Max. Cooling capacity (kW)	4.0
Rated voltage (V)	12
Current consumption at 12 V at blower levels 1 / 2 / 3 (A)	3.9 / 4.8 / 6.6
Electrical power consumption at 12 V at blower levels 1 / 2 / 3 (W)	46 / 57 / 79
Air flow (m^3/ h)	450
Dimensions evaporator L x W x H (mm)	390 x 235 x 125
Weight (kg)	6.6
Refrigerant	R134a

Scopes of delivery



BlueCool Drive 40

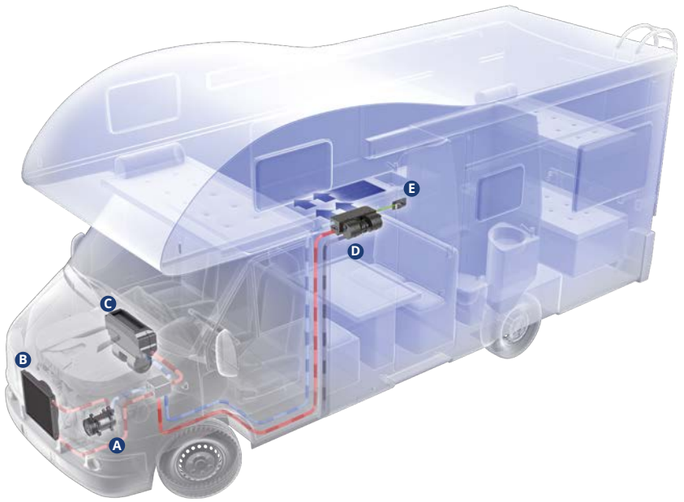
Evaporator
Refrigerant lines including the connection fittings and insulation
Condensation drain line
Adapter for the vehicle's own air-conditioning system
Blower speed selector along with the connection terminal and installation instructions for the designated vehicle type

Order number

BlueCool Drive 40

Extension Kit Fiat Ducato	**621ZS98400C**
Extension Kit Ford Transit	**6234448B**

The Blue Cool Drive can be installed in all chassis which are equipped with an own air-conditioning sytem. The system is not suitable for use with refrigerant type R1234yf.



How the air-conditioning system functions:

- The air-conditioning system is operated via the running vehicle engine.
- The refrigerant is compressed in the compressor Ⓐ and thereby heated to a high temperature.
- Now under high pressure, the refrigerant is conveyed to the condenser Ⓑ, where it is cooled down and liquefied. In so doing, it gives off heat to the surrounding air.
- Part of the refrigerant is now supplied to the vehicle's own evaporator Ⓒ which also cools the driver's cab.
- The other part of the refrigerant is conveyed to the newly installed evaporator Ⓓ where the refrigerant evaporates, thereby absorbing heat. This heat is withdrawn from the induced air of the cabin, so that cooled air is blown into the living space of the vehicle.
- The passengers in the living space can now set their own climate comfort via the control element Ⓔ in which they can choose from blower levels 0, 1, 2 or 3.

Please refer to our separate accessories catalog for our full range of extension kits and chassis.



Compressor refrigeration for RV



Isotherm: A long history of quality in mobile compressor refrigeration

The international strong reputation of the Isotherm brand comes from the excellence of its products, well renowned for their quality, nice design and power consumption efficiency.

Brand of choice in the marine industry for many years, we are now bringing new products and innovations to the recreational vehicle world.

Only a short selection of fridges is presented in this catalog, but Isotherm also offers a very wide range of standard fridges, drawer fridges, cooling boxes and other refrigeration products. Isotherm is very well known
for its capability to develop rapidly special products on customer-specific requirements.

Benefits for RV manufacturers:

- Weight saving application (ex: up to 17 kg vs a 140 liter absorption fridge)
- Space saving application: >10% smaller vs absorption fridge
- High flexibility in locating the unit in vehicle layouts
- Easy “plug and play” installation
- Opportunity to create new designs

Benefits for RV owners:

- High performing fridge / freezer like at home, in all ambient temperatures
- Maintenance-free product
- Low operating costs
- More refrigerated volume in less space
- Quiet operation thanks to secop / danfoss DC compressors

Compressor technology
Powerful refrigeration

Compressor cooling is power cooling. Its performance almost totally eclipses that of absorber cooling systems. In the household sector, where attention is focused on performance, energy efficiency and durability, the compressor technology has been the standard for decades.



Freeline 115 Elegance

Why compressor fridges for motorhomes and caravans?
Nowadays, people want comfort like at home, to enjoy any type of food, cold drinks, ice cream... whatever the ambient temperature is. Only compressor technology can guarantee 100% fulfillment of these expectations, especially in summer (>32 °C).

The technology of DC compressors has improved a lot in the past 10 years and offers now very silent, low-consumption, high-performance compressors for mobile applications.

Compressor refrigeration is far more energy efficient (>A+) than absorption fridges (most rated energy class F or worse).

With the convenient automatic AC/DC switching capability, you no longer have any inconveniences as compared to absorption fridges, which especially in caravans is a great advantage.

The advantages of compressor cooling at a glance:

- Improved cooling performance even at high ambient temperatures
- Exceedingly rapid cool-down
- Very compact and quiet compressor
- Large refrigerator volume with the same dimensions
- DC and AC/DC mode
- High efficency
- Low weight

Product highlights

- Powerful refrigeration and freezing capacity even in great heat
- Very short cool-down, pre-freezing before the journey is no longer required
- Convincing energy efficiency: A+/A++
- More storage space with the same dimensions as absorber refrigerators
- Low weight
- Elegant design – versatile personalization capacity (door front, door handles, etc.)

Vent lock system





With a simple slide of the invisible mechanism, CRUISE Elegance fridges can be switched to ventilation status. The door is kept open while the fridge is out of operation.

Easy fit installation solution





The installation system allows an easy fixing of the cabinet directly from the interior of the fridge. An external flange is not necessary for the installation. An innovative internal bushing structure prevents the crushing of the insulated side wall.



Experts' tip
Gone are the days when food had to be deep frozen before a journey! Compressor refrigerators immediately provide **100% cooling capacity** – and that in a top energy efficiency class.

Cooling technology
Isotherm Intelligent Temperature Control

The ITC Digital Display clearly shows, controls and regulates temperature in a refrigerated compartment from the exterior of a fridge / freezer cabinet. It is dedicated to people who desire a nice-looking interface and a refined product interaction, as well as reduce on board power consumption. Thanks to the presence of an air sensor in the cabinet, the electronic control unit detects the actual air temperature and processes that in combination with the user selected settings, in order to define the compressor operation. Remote product interaction is extremely easy and accurate since data readings appear on the display, like temperature set or detected, selection of energy saving operations, compressor's operation mode settings, (ITC, Eco and Overcooling mode) and choice of 3 battery protection levels. Product integration is simple, allowing a recess flush installation as well as wall mount.



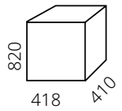
The benefits at a glance:

- Available as retrofit kit or originally fitted on the fridge
- Up to 25 % energy savings due to a more efficient use of the compressor
- Up to 40 % savings with combined effects of stored cooling energy in food and drinks
- Quick cooling in Boost mode
- Soft start to avoid starting peaks
- Eco mode
- Easy to set battery protection directly on the display

Freeline Elegance Fridges
Freeline Slim 70

The Freeline Slim 70 and 90 fridge is an extension of the Product Portfolio with the focus on small vans where the dimensions and interior layout play a significant role. With its tall but slim dimensions it is particularly suitable for compact, small vehicles which still need a spacious fridge. Clever control features like “Silent Night” and “SMART” provide higher comfort on demand.





Freeline Slim 70	
Gross volume (l) / freezer (l)	70 / 12
Dimensions H x W x D (mm)	820 x 418 x 410 (+40 mm for door dimension)
Weight (kg)	20
Power consumption (Wh / 24 h)	290[1)]

Order number	Description
IRF070RGABB11111AA	Fridge Freeline Slim 70 / V 12 / 24 V, ventilated, right hinged

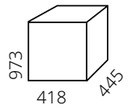
Slim 70 – designed particulary for the van market – slim and tall:

- The lowest power consumption on the market in this size 290 Wh / 24 h
- Designed for compact vehicles like vans
- Extra narrow but tall design
- Comfortable volume of 70 liters gross with 12 liters freezer compartment
- SMART features
- Environmentally friendly refrigerant gas with very low GWP of 4
- Door panels easily exchangeable to customize fridge

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006). Consumption can be further optimized by the use of the SMART function.

Freeline Elegance Fridges
Freeline Slim 90





Freeline Slim 90	
Gross volume (l) / freezer (l)	90 / 12
Dimensions H x W x D (mm)	973 x 418 x 445 (+40 mm for door dimension)
Weight (kg)	22
Power consumption (Wh / 24 h)	340[1)]

Order number	Description
IRF090RGABB11111AA	Fridge Freeline Slim 90 / V, 12 / 24 V, ventilated, right hinged

Slim 90 – designed particulary for the van market – slim and tall:

- The lowest power consumption on the market in this size 340 Wh / 24 h
- Designed for compact vehicles like vans
- Extra narrow but tall design
- Comfortable volume of 90 liters gross with 12 liters freezer compartment
- SMART features
- Environmentally friendly refrigerant gas with very low GWP of 4
- Door panels easily exchangeable to customize fridge

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006). Consumption can be further optimized by the use of the SMART function.

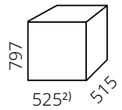
Freeline Elegance Fridges
Freeline 115 Elegance

The Isotherm Freeline 115 Elegance represents an evolution of the Elegance line, created especially for the recreational vehicle market with efficiency and performance in mind. Characterized by supreme insulation and smart energy usage, the Freeline 115 reaches noticeable electrical efficiency. A spacious cabinet – comprised of a 83 liter fridge and a 32 liter freezer – makes for the optimal usage of space inside the vehicle and allows for perfect travel comfort.

Energy saving – best in class.







Isotherm Freeline 115	static	ventilated
Gross volume (l) / freezer (l)	115 / 32	
Dimensions H x W x D (+ door) (mm)	797 x 525²) x 515 (+50 mm for door dimension)	797 x 525²) x 495 (+50 mm for door dimension)
Weight (kg)	29	
Power consumption (Wh / 24 h)	363¹)	257¹)

Order number	Description
F115RSAAS11111AARV	115 l fridge, silver DC 12 V / 24 V, right hinged, ventilated condenser
F115LSAAS11111AARV	115 l fridge, silver DC 12 V / 24 V, left hinged, ventilated condenser

Designed to set new standards in the recreational vehicle market:

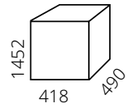
- Low power consumption
- Full width freezer design
- Elegance line features like easy fix, vent-lock system, custom panel options
- Modern, flush mounted control panel incl. LED light and blinking codes for failure display
- ECO function to store ”cooling energy“ when surplus of power is available
- Optimal usage of space

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) If the fridge front is flush integrated with the interior a minimum gap of 6 mm is needed between the door stop and the furniture.

Freeline Elegance Fridges
Freeline Slim 140

The Freeline Slim 140 fridge is particularly designed for the van market. With its tall but slim dimensions it is particularly suitable for compact vehicles which still need a comfortable fridge volume. Its excellent insulation ensures very low energy consumption to save batteries. Clever control features like “Silent Night” and “SMART” provide higher comfort on demand. The CI-Bus interface allows to integrate the fridge into a central monitoring system. A powerful 141 liter compressor refrigerator.





Freeline Slim 140	
Gross volume (l) / freezer (l)	141 / 17
Dimensions H x W x D (mm)	1452 x 418 x 490
Weight (kg)	38
Power consumption (Wh / 24 h)	450¹)

Order number	Description
IRF140RGABB11211AA	Refrigerator Freeline Slim 140, 12 / 24 V, static right hinged

A best in class fridge freezer combination for vans with spacious interior:

- Spacious 141 liter total volume
- Comfortable 17 liter freezer compartment
- Slim design and dimensions specially suitable for vans
- Very low electrical power consumption
- CI Bus ready
- Door panels easily exchangeable to customize fridge
- Comfort and power saving functions like “silent night” and “SMART”
- Environmentally friendly refrigerant gas with very low GWP of 3
- Modern, intuitive control panel incl. blinking codes for diagnosis

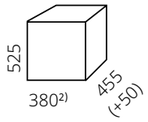
1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006). Consumption can be further optimized by the use of the SMART function.

Freeline Elegance Fridges
CRUISE EL 42, 49

The CR EL 42 is the smallest fridge of the CRUISE Elegance line. The fridge features a new inner lining with one adjustable shelf and two retainers inside the door, as well as a freezer compartment with a volume of 4 liters with magnetic steel evaporator door. The compressor, installed on the back of the cabinet, can be removed up to 1 mt. away.







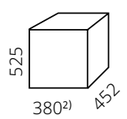
Isotherm CRUISE EL 42	
Gross volume (l) / freezer (l)	42 / 5
Dimensions H x W x D (+ door) (mm)	525 x 380[2)] x 348 (+107) (+50)[3)4)5)]
Weight (kg)	14
Power consumption (Wh / 24 h)	285[1)]

Order number	Description
C042RSAAS11111AARV	42 l fridge, silver, DC 12 V / 24 V, right hinged
C042LSAAS11111AARV	42 l fridge, silver, DC 12 V / 24 V, left hinged

The CR EL 49 features an inner lining with one adjustable shelf and two retainers inside the door, as well as a freezer compartment with a volume of 4 liters with magnetic steel evaporator door.







Isotherm CRUISE EL 49	
Gross volume (l) / freezer (l)	49 / 5
Dimensions H x W x D (+ door) (mm)	525 x 380[2)] x 452 (+50)
Weight (kg)	17
Power consumption (Wh / 24 h)	265[1)]

Order number	Description
C049RSAAS11111AARV	49 l fridge, silver, DC 12 V / 24 V, right hinged
C049LSAAS11111AARV	49 l fridge, silver, DC 12 V / 24 V, left hinged
C049RSAAS11151AARV	49 l fridge, silver, DC 12 V / 24 V, right hinged, Smart Energy Control

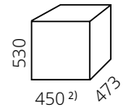
1) Power consumption can be reduced with Smart Energy Control dramatically. Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) If the fridge front is flush integrated with the interior a minimum gap of 6 mm is needed between the door stop and the furniture.
3) Depth of cabinet 348 mm 4) Remote compressor +107 mm 5) Door thickness +50 mm

Freeline Elegance Fridges
CRUISE EL 65, 85

The CR EL 65 fridge is based on the same inner lining as the CR 49 EL including one adjustable shelf and two retainers inside the door. It also features a freezer compartment with a volume of 4 liters. Magnetic stainless steel evaporator's door.







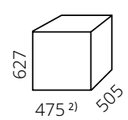
Isotherm CRUISE EL 65	
Gross volume (l) / freezer (l)	65 / 5
Dimensions H x W x D (+ door) (mm)	530 x 450[2)] x 473 (+50)
Weight (kg)	18
Power consumption (Wh / 24 h)	275[1)]

Order number	Description
C065RSAAS11111AARV	65 l fridge, silver, DC 12 V / 24 V, right hinged
C065LSAAS11111AARV	65 l fridge, silver, DC 12 V / 24 V, left hinged
C065RSAAS11151AARV	65 l fridge, silver, DC 12 V / 24 V, right hinged, Smart Energy Control

The CR EL 85 provides the customer a 6 liter freezer compartment, two adjustable shelves and two retainers inside the door. It is ready for Isotherm Smart Energy Control, like all other CRUISE Elegance fridges. Magnetic stainless steel evaporator's door.







Isotherm CRUISE EL 85	
Gross volume (l) / freezer (l)	85 / 8
Dimensions H x W x D (+ door) (mm)	627 x 475[2)] x 505 (+50)
Weight (kg)	22
Power consumption (Wh / 24 h)	368[1)]

Order number	Description
C085RSAAS11111AARV	85 l fridge, silver, DC 12 V / 24 V, right hinged
C085LSAAS11111AARV	85 l fridge, silver, DC 12 V / 24 V, left hinged
C085RSAAS11151AARV	85 l fridge, silver, DC 12 V / 24 V, right hinged, Smart Energy Control
C085LSAAS11151AARV	85 l fridge, silver, DC 12 V / 24 V, left hinged, Smart Energy Control
C085RSAAW11111AARV	85 l fridge, silver, DC 12 V / 24 V, right hinged

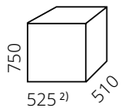
1) Power consumption can be reduced with Smart Energy Control dramatically. Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) If the fridge front is flush integrated with the interior a minimum gap of 6 mm is needed between the door stop and the furniture.

Freeline Elegance Fridges
CRUISE EL EL 130

The CR EL 130 features a separated freezer compartment with a volume of 6 liters, two adjustable shelves and three retainers inside the door. It is equipped with a vegetable bin covered by two glass shelves. Magnetic stainless steel evaporator's door.







Isotherm CRUISE EL 130	
Gross volume (l) / freezer (l)	130 / 8
Dimensions H x W x D (+ door) (mm)	750 x 525[2)] x 510 (+50)
Weight (kg)	27
Power consumption (Wh / 24 h)	418[1)]

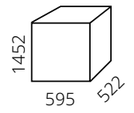
Order number	Description
C130RSAAS11111AARV	130 l fridge, silver, DC 12 V / 24 V, right hinged
IRC130LSAAS11111AA	130 l fridge, silver, DC 12 V / 24 V, left hinged
C130RSAAS11151AARV	130 l fridge, silver, DC 12 V / 24 V, right hinged, Smart Energy Control

New CRUISE 226 Total Black

The Cruise 226 Total Black is the very spacious model, designed specifically for life on the road. With a generous 226-liter capacity, this two-door fridge-freezer is the ideal solution for motorhomes, campervans, and caravans that demand both performance and style.

The Cruise 226 Total Black offers a spacious two-door fridge-freezer combination with 180 liters of refrigeration and 46 liters of freezer space, featuring a clean, modern design with flexible left or right door opening. Inside, it includes a digital display, LED lighting, four adjustable shelves, and a vegetable bin — perfect for organized, on-the-road food storage.





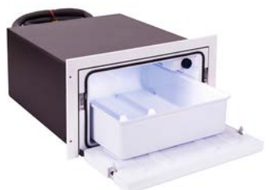
Isotherm CRUISE 226 Total Black	
Gross volume (l) / freezer (l)	180/46
Dimensions H x W x D (+ door) (mm)	1452 x 595 x 522 (+70 mm for door dimension)
Weight (kg)	52
Power consumption (Wh / 24 h)	648

Order number	Description
IRC226RBUBN14111AA	Fridge and freezer CRUISE CLASSIC TOTAL BLACK 226/V

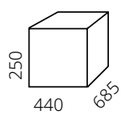
1) Power consumption can be reduced with Smart Energy Control dramatically. Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) If the fridge front is flush integrated with the interior a minimum gap of 6 mm is needed between the door stop and the furniture.

CRUISE Classic Fridges
CRUISE 36

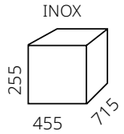
The CR 36 is a built-in drawer fridge with unique design. Due to its compact dimensions, the CR 36 can be installed where no other fridge might fit. The compressor can be removed up to 1.20 meter away. It comes with a door and mounting frame as standard.







INOX



Isotherm CRUISE 36	CR 36	CR 36 INOX
Gross volume (l)	36	
Dimensions H x W x D (+ door) (mm)	250 x 440 x 685 (+ 35)	255 x 455 x 715
Weight (kg)	16	17
Power consumption (Wh / 24 h)	300[1)]	

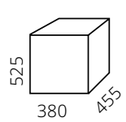
Order number	Description
1036BA1G00000RV	36 l drawer, white, DC 12 V / 24 V
1036BA1EK0000RV	36 l drawer INOX, stainless steel design, DC 12 V / 24 V

CRUISE Classic Fridges
CRUISE 42 Total Black

The CR 42 is the smallest fridge of the CRUISE Total Black line. The fridge features a new inner lining with one adjustable shelf and two retainers inside the door, as well as a 5 liter freezer compartment with magnetic steel evaporator door. The compressor, installed on the back of the cabinet, can be removed up to 1 mt. away.







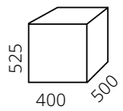
Isotherm CRUISE 42 Total Black	
Gross volume (l) / freezer (l)	42 / 5
Dimensions H x W x D (+ door) (mm)	525 x 380 x 455 (+ 40)
Weight (kg)	14
Power consumption (Wh / 24 h)	300[1)]

Order number	Description
IRC042RBATN11111AA	42 l fridge, black door panel, DC 12 V / 24 V, right hinged

The CR 42 INOX Clean Touch is the stainless steel design version of the CR 42.







Isotherm CRUISE 42 INOX Clean Touch	
Gross volume (l) / freezer (l)	42 / 5
Dimensions H x W x D (+ door) (mm)	525 x 400 x 500
Weight (kg)	15
Power consumption (Wh / 24 h)	285[1)]

Order number	Description
C042RNEIT11111AARV	42 l fridge INOX Clean Touch, stainless steel design, DC 12 V / 24 V, right hinged with flush mounting frame

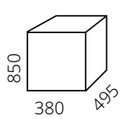
NEW
CR 86 Classic

CRUISE Classic Fridges
CRUISE 86 Classic

The new CR 86 is a refrigerator with 86 liter gross volume and 10 liter freezer compartment equipped with small, light and very efficient BD Micro compressor technology which is resposible for a low energy consumption of 0,499kW/24h accordingly. Front panel available in black colour however it can by customized according to customer preferences. A wall mounted fixing flange is available as optional to allow multiple installation standards. New CR 86 can easily store food & drinks having two inner shelves, of which one with adjustable base to facilitate high volume bottle loading + three door retainers shelves and internal LED light as well.







Isotherm CR 86	
Gross volume (l) / freezer (l)	86/10
Dimensions H x W x D (+ door) (mm)	850 x 380 x 495 (+ 51)
Weight (kg)	22
Power consumption (Wh / 24 h)	499[1)]

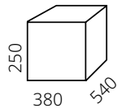
Order number	Description
IRC086RBABN11111AA	86 l fridge, black door panel DC 12/24V, ventilated, right hinged

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).

Drawer Fridges and Freezers
DRAWER 16, 30

The smallest and lightest drawer unit DR 16 available on the market, unique with its user friendly digital interface. It is provided with rails and door in stainless steel, painted in silver colour. It can be used as a fridge or freezer (-6°C).





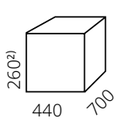
Isotherm DR 16	
Gross volume (l)	16
Dimensions H x W x D (mm)	250 x 380 x 540
Weight (kg)	13
Power consumption (Wh / 24 h)	252[1)]

Order number	Description
D016DSAAS12111AARV	16 l drawer fridge or freezer, stainless steel, DC 12 V / 24 V

The DR 30 is a drawer refrigerator with a user-friendly digital interface, specified for internal applications. It is available as black version with steel rails and black painted steel door. As stainless steel version it comes with AISI 304 stainless steel rails and stainless steel door, painted in silver colour Equipped with BD 1.4F Secop compressor, it requires minimum installation space.







Isotherm DR 30	
Gross volume (l)	30
Dimensions H x W x D (mm)	260[2)] x 440 x 700
Weight (kg)	17
Power consumption (Wh / 24 h)	244[1)]

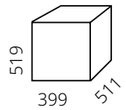
Order number	Description
IRD030DBAAB12111AA	30 l drawer fridge, black DC 12 V/ 24 V
IRD030DSAAS12111AA	30 l drawer fridge, stainless steel, DC 12 V/ 24 V
IRD030DWAAW12111AA	30 l drawer fridge, white, DC 12V / 24V

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) 250 without rubber feet.

Drawer Fridges and Freezers
DRAWER 42, 49

DR 42 INOX Clean Touch is a drawer refrigerator solution with freezer compartment, characterized by compact external dimensions. The INOX Clean Touch finishing in stainless steel AISI 304, will makes your life better and easier, with an outstanding look and feel and a long lasting clean effect. It offers easy to use electronic thermostat with five integrated LED lights and a robust drawer mechanism. The new BD Micro Secop compressor can be easily removed from cabinet's back up to 1 meter away.





Isotherm DR 42	INOX Clean Touch
Gross volume (l) / freezer (l)	42
Dimensions H x W x D (mm)	519 x 399 x 511
Weight (kg)	18
Power consumption (Wh / 24 h)	333[1]

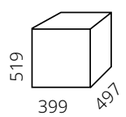
Order number	Description
IRD042DNEIT11111AA	42 l drawer fridge, INOX Clean Touch 42 II V, 12 V / 24 V

Note: This drawer fridge is supplied with a 3-sided flush stainless steel mounting frame as standard.

The DR 49 is a space-saving drawer unit with various front door options. The interior is designed to suit international cans and food packs with two robust drawers, conventional international sizes of integrated adjustable bars, freezer compartment (-6°C) and internal blue LED light.







Isotherm DR 49	INOX Clean Touch	Without door panel
Gross volume (l) / freezer (l)	49 / 8	
Dimensions H x W x D (mm)	519 x 399 x 497	519 x 379 x 497
Weight (kg)	18	17
Power consumption (Wh / 24 h)	305[1)]	

Order number	Description
IRD049DNEIT11111AA	49 l drawer fridge INOX Clean Touch
IRD049DNLCP11111AA	49 l drawer fridge Custom

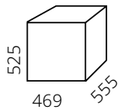
Note: This drawer fridge is supplied with a 3-sided flush stainless steel mounting frame as standard.

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).

Drawer Fridges and Freezers
DRAWER 55 frost-free, 65

The DR 55 drawer freezer combines innovative design with the most modern technology such as automatic defrost which allows having home comfort on board. The DR 55 F is equipped with an internal fan for temperature constant control and a sequence of 5 LED lights for blue internal light.







Isotherm DR 55 frost-free	INOX	Without door panel
Gross volume (l)	55	
Dimensions H x W x D (mm)	525 x 469 x 555	525 x 457 x 560
Weight (kg)	27	25
Power consumption (Wh / 24 h)	741[1)]	

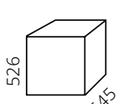
Order number	Description
IR3055BH2C00000	55 l drawer freezer INOX, no frost 55 / V DC 12 V / 24 V
3055BH2P00015RV	55 l drawer freezer, door front for individual use of an own door panel, frost-free, DC 12 V / 24 V

Note: This drawer freezer is supplied with a 3-sided flush stainless steel mounting frame as standard.

The DR 65 is a space-saving, front-opened drawer. Its new design is based on the standard 65 liter refrigerator but with a pull-out drawer featuring an innovative interior concept with bins, bottle racks and a freezer compartment (-6°C). A sequence of 5 LED lights provides blue internal light. Available as stainless steel INOX version and also with additional frost free technology.

Isotherm DR 65	INOX Clean Touch	Without Panel (der. INOX Clean Touch)	INOX Frost Free	Without panel
Gross volume (l) / freezer (l)	65 / 11		65	
Dimensions H x W x D (mm)	525 x 470 x 520	525 x 452 x 525	525 x 469 x 555	525 x 457 x 560
Weight (kg)	21	19	26	25
Power consumption (Wh / 24 h)	324		310	







Order number	Description
IRD065DNEIT11111AA	65 l drawer fridge INOX Clean Touch 65 (II) / V 12 V / 24 V
IRD065DNLCP11111AA	65 l drawer fridge Custom 65(II) / V 12 V / 24 V, without panel, derivated INOX Clean Touch
3065BG2C0000RV	65 l drawer fridge INOX no frost 65 / V 12 V / 24 V
3065BG2P00015RV	65 l drawer fridge Custom no frost 65 / V 12 V / 24 V, without panel

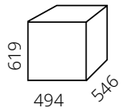
Note: This drawer fridge is supplied with a 3-sided flush stainless steel mounting frame as standard.

Drawer Fridges and Freezers
DRAWER 85, 130

NEW
DR 85 INOX Clean Touch
DR 130 INOX Clean Touch

The DR 85 INOX Clean Touch is a drawer refrigerator in stainless steel design providing a gross internal volume of 85 liter. The main drawer door mechanism is the top quality Isotherm solution, capable to ensure safe and large storage for food and drinks. A bottle rack is provided on the main counter door. Two inner drawers are available to ensure the maximum usability as well as great storage, with the top one as freezer compartment (-12 °C). New DR 85 models are equipped with new easy-to-use integrated display of electronic thermostat incl. SMART function which is perfect solution for the best energy management.







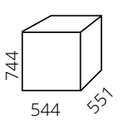
Isotherm DR 85	INOX Clean Touch	Custom
Gross volume (l)	85	85
Dimensions H x W x D (mm)	619 x 494 x 546	619 x 473 x 543
Weight (kg)	23	22
Power consumption (Wh / 24 h)	300[1)]	300[1)]

Note: Both drawer fridges are supplied with a 3-sided flush stainless steel mounting frame as standard.

Order number	Description
IRD085DNEIT11111AA	85 l drawer INOX Clean Touch 85(II) / V, stainless steel design, DC 12 V / 24 V
IRD085DNLCP11111AA	85 l drawer Custom 85(II) / V, DC 12 V / 24 V

The DR 130 INOX Clean Touch is a drawer refrigerator in stainless steel design providing a gross internal volume of 130 liter. The main drawer mechanism is the top quality Isotherm solution, capable to ensure safe and large storage for food and drinks. A bottle rack and a patented modular shelves disposal are provided on the main counter door. Two inner drawers are available to ensure the maximum usability as well as great storage, with the top one as freezer compartment (-6°C). Furthermore new integrated display of electronic thermostat combines exclusive features as temperature management, internal LED light and error codes system.







Isotherm DR 130	INOX Clean Touch	Custom
Gross volume (l)	130	130
Dimensions H x W x D (mm)	744 x 544 x 551	744 x 523 x 557
Weight (kg)	27	26
Power consumption (Wh / 24 h)	381	381

Order number	Description
IRD130DNEIT11111AA	130 l drawer INOX Clean Touch 130(II) / V, stainless steel design, DC 12 V / 24 V
IRD130DNLCP11111AA	130 l drawer Custom 130(II) / V, DC 12 V / 24 V

Note: This drawer fridge is supplied with a 3-sided flush stainless steel mounting frame as standard.

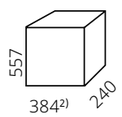
1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).

Cooling Boxes – for installation

BI 16, 29 Dual, 30, 36

The BI 16 is a refrigerator box equipped with the space saving Secop BD Micro compressor solution. The upper lid with inner recess allows big bottles storage. Temperature range 0°C to +10°C. It combines great usability to high development standards, thanks to its easy to use digital display and to a splash proof IPX5 front protection.





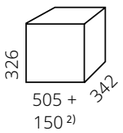
Isotherm BI 16	
Gross volume (l)	16
Dimensions H x W x D (mm)	557 x 384²⁾ x 240
Weight (kg)	12
Power consumption (Wh / 24 h)	155¹⁾

Order number	Description
B016TNAAB12111AARV	16 l cooling box, DC 12 V / 24 V

BI 29 Dual is cooling solution characterized by compact design and low weight displacement, thanks to the use of the Secop BD1.4F micro compressor. The easy to use thermostat allows to operates the product as fridge or freezer, over a range from +14°C to -22°C. Flexibility in installation is granted through to the custom panel option version and with the compressor being removable up to 0.9 meter away. Equipped with roller slides (optional) the box can be used as a drawer as well.



Classic door finishing

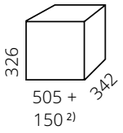


Isotherm BI 29 Dual	Classic door finishing
Gross volume (l)	29
Dimensions H x W x D (mm)	326 (+ 40 mm for lid) x 342 x 505 + 150²⁾
Weight (kg)	12
Power consumption (Wh / 24 h)	175¹

Order number	Description
IRB029TNBAW17111AA	29 l cooling box, white lid, stainless steel design inside, DC 12 V / 24 V



Custom panel option



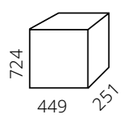
Isotherm BI 29 Dual	Custom panel option
Gross volume (l)	29
Dimensions H x W x D (mm)	326 (+ 14 mm for lid) x 342 x 505 +150²⁾
Weight (kg)	11
Power consumption (Wh / 24 h)	175¹⁾

Order number	Description
IRB029WNAAP17111AA	29 l cooling box, custom panel, stainless steel design inside, DC 12 V / 24 V

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) Compressor dimensions

The BI 30 is a top loading refrigerator box equipped with a digital display, an internal basket and an easy-fix system. Temperature range from 0°C to +10°C. It combines great usability to high development standards.



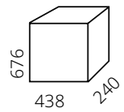


Isotherm BI 30	
Gross volume (l)	30
Dimensions H x W x D (mm)	724 x 449 x 251
Weight (kg)	16
Power consumption (Wh / 24 h)	254

Order number	Description
IRB030TNAAB12111AA	30 l cooling box, black door, DC 12 V / 24 V

The BI 36 is a top loading refrigerator box equipped with the new BD1.4F-AM by SECOP 12 / 24 V micro compressor. The product is meant to be integrated into customer's furniture and customized in finishing via the upper lid, granting safe hinging according to product application type and layout specifications. Set temperature range is from 0°C to +16°C. Additionally upper lid can be customized according to the customer wish.





Isotherm BI 36	
Gross volume (l)	36
Dimensions H x W x D (mm)	676 (+35 mm for lid) x 438 x 240
Weight (kg)	14
Power consumption (Wh / 24 h)	316

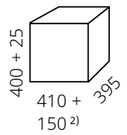
Order number	Description
IRB036WNADP12111AA	36 l cooling box, top to be finished by the upper lid, DC 12 V / 24 V

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) Compressor dimensions

Cooling Boxes – for installation
BI 40, 41 Dual

The BI 40 is a built-in refrigerator box. It is equipped with an L-shaped evaporator. The fan-cooled compressor is mounted on the side and can be removed up to 1.2 meter away.



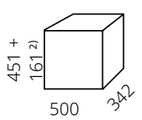


Isotherm BI 40	
Gross volume (l)	40
Dimensions H x W x D (mm)	400 (+ 25 mm for lid) x 395 x 410 + 150[2)]
Weight (kg)	15
Power consumption (Wh / 24 h)	270[1)]

Order number	Description
3040BA2A00000RV	40 l cooling box, black lid, loose, DC 12 V / 24 V

The BI 41 Dual is cooling solution characterized by compact design and low weight displacement, thanks to the use of the Secop BD1.4F Micro compressor The easy to use thermostat device allows to operates the product as fridge or freezer, according to customer's needs. It offers a wide operating range from +13°C to -22°C. The fan-cooled compressor is mounted on the bottom, or can be easily repositioned up to 0.9 meter away. Other compressor options as SP or Magnum are also available. It is made by high quality upper frame and inner cabinet, nice & easy to clean, provided with a practical wire basket perfect for food & drink storage.





Isotherm BI 41 Dual	
Gross volume (l)	41
Dimensions H x W x D (mm)	451 (+ 15 mm for lid) + 161[2] x 500 x 342
Weight (kg)	14
Power consumption (Wh / 24 h)	222[1]

Order number	Description
IRB041TNAAP17111AA	41 l cooling box, white lid, loose, stainless steel design inside, DC 12 V / 24 V

1) Power consumption in operation in 12 V with + 5 °C in the refrigeration space, ambient temperature + 25 °C (ISO 15502:2005 and EN 153:2006).
2) Compressor dimensions

AC/DC converter
Power Pack

This Power Pack is offered as accessory and can be used for each fridge listed in the RV catalogue.
It has to be ordered separarely. This Power Pack is available in 4x different versions with plug either for EU, UK, USA or AUS/NZ.



Power Pack	
Input (AC) (V)	100 – 240
Output (DC) (V)	26.5
Output Power (W)	up to 108
Output current (A)	up to 4.5
Net weight (kg)	0.9
Dimensions (L x H x D) (mm)	131 x 35 x 255
Length of the cables	
DC compressor (mm)	150
DC battery (mm)	650
AC cable (mm)	190

Order number	Description
IMSEH00017HA	Power Pack 108 W 100 / 240 V AC 50 / 60 HZ 24 V DC EU plug
IMSEH00018HA	Power Pack 108 W 100 / 240 V AC 50 / 60 HZ 24 V DC USA plug
IMSEH00019HA	Power Pack 108 W 100 / 240 V AC 50 / 6 HZ 24 V DC AU plug
IMSEH00020HA	Power Pack 108 W 100 / 240 V AC 50 / 60 HZ 24 V DC UK plug

Special refrigeration projects

Isotherm compressor fridge solutions for RV manufacturers of any size

The brand Isotherm is well known in the worldwide marine market for high quality compressor fridge solutions. Webasto now offers these proven solutions especially to motorhome and caravan manufacturers of all nations. The combination of performance, size and fridge volume make the compressor fridge not only interesting for motorhome enthusiasts but also to caravan users.

Webasto's intention to provide sophisticated Isotherm compressor fridges is to offer solutions which haven't been seen by the RV market yet. Especially drawer fridges do offer a variety of advantages. Besides its posh look the fridge is easy accessible and ideally located directly below the kitchen work top.

Product highlights:

- Isotherm compressor fridge solutions offer several features not only to manufacturers.
- Use of the worldwide only compressor verified for the automotive industry: Secop
- Low-noise level
- Maintenance free
- Impressive efficiency (A+/A++)
- Ventilation position of door
- Low weight
- Easy installation
- No grilles and ventilation outlet on the outer wall of the vehicle

It allows very easy storage and handling from the top without having to dig into the depth of shelves of conventional door type fridges. Also due to the product design, cold air won't just fall out of the fridge as it does with normal fridges – it will stay in the bottom drawer which saves additional energy.

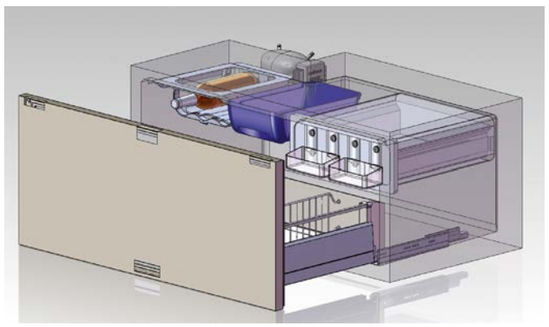
Compressor fridges do also offer the possibility to change the product design completely which means further innovation possibilities for RV manufacturers.

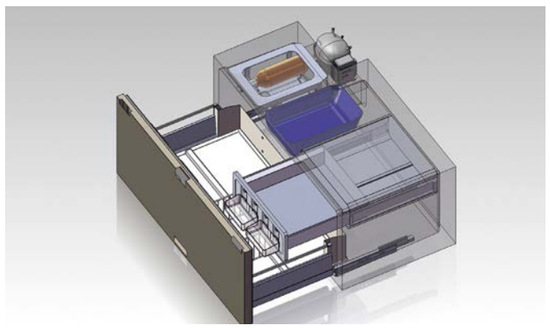


Freedom in layout and design.

Some examples of freedom in layout and design

Since the compressor can be mounted separately, the fridge cabinet itself can have any form. Also the fridge can be placed anywhere since there is no need of grills or chimneys on the outside of the vehicle.





XL Freeze

- The door can be customized with a front panel chosen by the customer.
- The cabinets inside can be adjusted to the needs of the customer.
- The design of the drawer fridge offers an easy overview of the fridge's contents.





BI 16

- Vertical top loader in-build fridge has been developed for vans with limited space.
- In-built concept enables easily integration into overal vehicle design.

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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

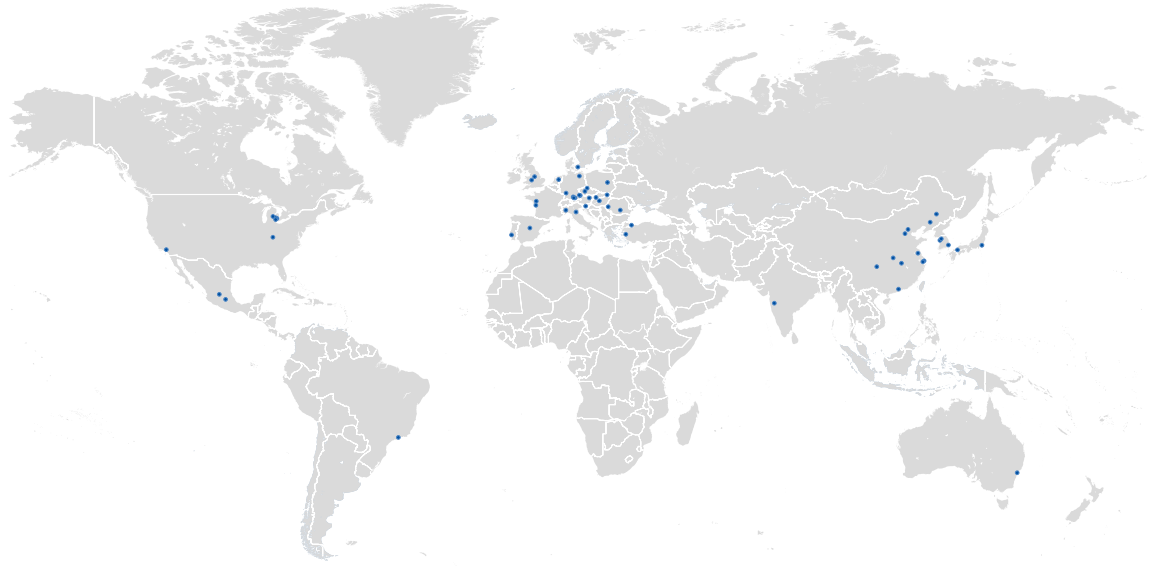
A	Ampere
kW	Kilowatt
rpm	Revolutions per minute
V	Volt
W	Watt

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.

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Webasto
Feel the Drive



As a global innovative systems partner to the mobility industry, Webasto is one of the 100 largest suppliers to the automotive sector worldwide. In development, manufacturing, and sales, the company focuses on roof systems on the one hand and on vehicle electrification on the other hand. The product range includes openable and fixed roofs, electric high-voltage heaters and batteries, as well as thermo management solutions. Among the customers of Webasto are manufacturers of passenger cars, commercial vehicles, boats, as well as dealers and end customers. In 2025, the Group generated sales of around 4.0 billion euros and employed around 13,100 people at more than 50 locations. The headquarters of the company, which was founded in 1901, is located in Stockdorf near Munich (Germany). For more information, please visit www.webasto.com

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