

Our parking cooler – more comfortable and efficient than ever.

The Cool Top Vario for trucks



When a new parking cooler is the most comfortable way to save money – that's Feel the Drive



An investment in a Cool Top Vario is money safely invested in a premium retrofit solution. It's so simple to install. As soon as it's up and running you can't imagine how you ever managed without it!

Even on long breaks or during extended waiting times, the cabin interior always stays pleasantly cool. And hitting the road again with a well-rested driver is a lot safer and more efficient. Then, of course, there are the tangible economical benefits: The Cool Top Vario draws power from the vehicle's battery – saving fuel and the environment.

The Cool Top Vario: a worthwhile investment, however you look at it.

Benefits at a glance:

- Premium quality, retrofitted, parking cooler
- Easy to install
- Less engine idle time for lower fuel consumption
- Enhanced safety and productivity

The Cool Top Vario in more detail.

This compressor-driven rooftop unit operates with the engine off – so there's no fuel consumption, no CO₂ emissions and no engine noise! Not only does the interior stay pleasantly cool, it's also dehumidified.

There are many good reasons to opt for higher quality. Whether it's about efficiency, performance, comfort or installation: we built the Cool Top Vario to always exceed your expectations.

Very easy to operate

Many features, and yet self-explanatory:
The operating panel with its large LC-display allows for individual adjustment of your Cool Top Vario.

- Getting the hang of settings is intuitive
- Large, ergonomically designed controls
- Choice of automatic, manual and eco operation modes.

The remote control puts all the key functions comfortably in the palm of your hand.

Benefits at a glance

- Quality parts for added durability
- Design based on know-how gathered in serial production
- Outstanding cooling on low energy consumption
- Special ventilation system for individual air control: variable, focus or comfort setting
- Simple and quick installation



Installation position and operation

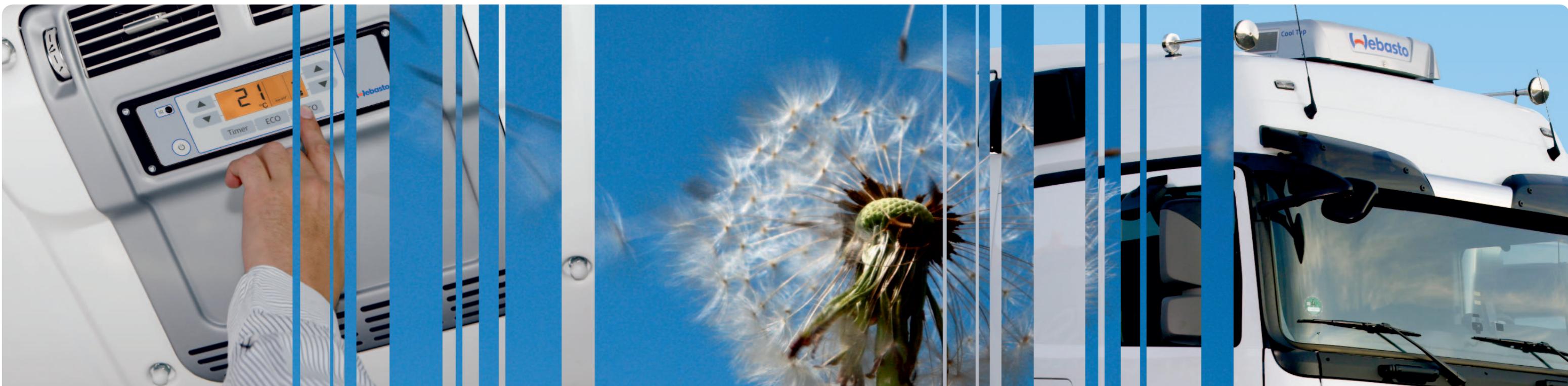


The Cool Top Vario in the cabin interior



Controls at a glance





It's the little things that make all the difference.

Quality has many facets. Every aspect of the Cool Top Vario tells you why cutting-edge technology makes such a difference. And every drive proves just how worthwhile the investment was.

The Cool Top Vario is the result of a comprehensive development process based on tried and tested components from serial production. It is already setting new standards for commercial vehicle air conditioning!

Parts sourced from trusted brand manufacturers have been perfectly harmonized with one another in an ingenious construction that allows you to rely on this parking cooler to do the job. Time after time and mile after mile.

Clearly laid out ergonomic design

The user-friendly, clearly legible operating panel provides the driver with instant access to all-important Cool Top Vario functions. Thanks to the standard delivery remote control, the unit can also be easily operated while lying down.



The operating panel: ergonomically designed functions at the touch of a button

No more unpleasant drafts

Over 30°C outside, but still feeling an uncomfortable chill? Sadly, with so many systems this tends to be the rule rather than the exception. The problem is that when airflows are channeled directly into the cabin they're not just uncomfortable, they also create a nasty draft. Not with the Cool Top Vario, which finally makes this problem a thing of the past. With its special comfort air control setting, airflows are carefully circulated throughout the cabin to reduce the risk of drafts. So, as well as keeping things nice and cool, driving is much more comfortable.



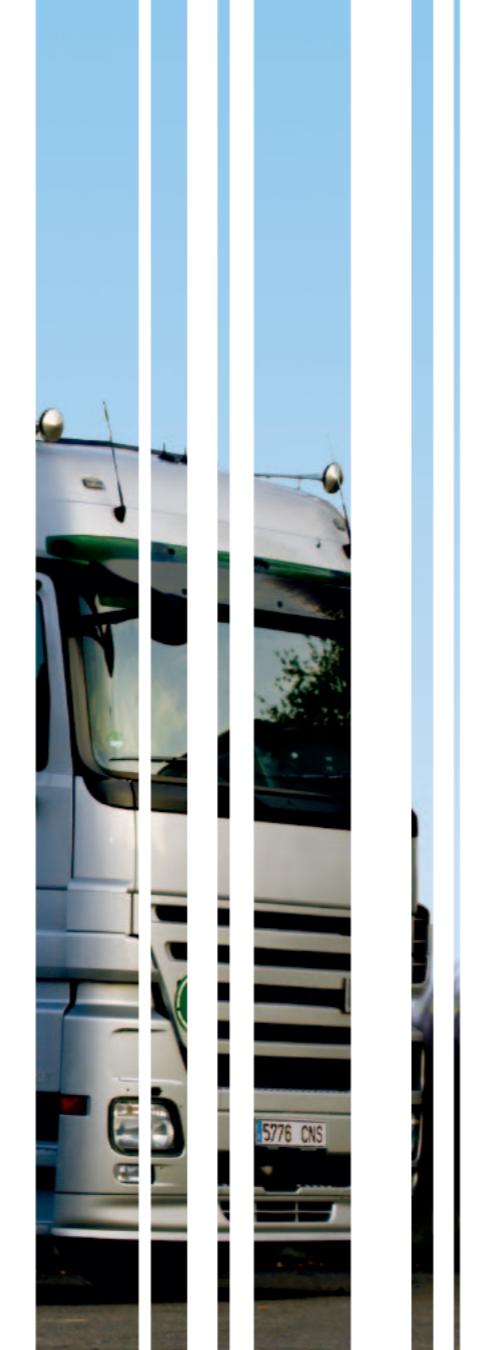
Individual airflow settings – focus or comfort

Reliable engine starts

The Cool Top Vario offers extra peace of mind. You'll never need to worry about starting the engine again thanks to the low-voltage shutoff function, which you can set individually. The parking cooler system simply switches itself off before you run down the battery!



Always enough battery power to start the engine



When more relaxing breaks make driving even more profitable.

Why are there more and more laws stipulating minimum rest periods? Because only well-rested drivers make safe drivers. Not only that, but entire deliveries have proven to be more efficient when people are more rested and alert. In a nutshell, good breaks are good for drivers and this can only be good for your business!

Why well-rested drivers save fuel

Mercedes-Benz actually conducted a study into the effects of driver concentration on fuel consumption.* The results speak for themselves: Well-rested drivers use up to 1 liter less fuel per 100 kilometers of driving. This is because, to drive a truck properly, you need to be able to concentrate enough to think ahead and avoid unnecessary braking and accelerating.

Better rest – better driving performance

The Cool Top Vario unit really comes into its own when it helps drivers relax during hot weather. The cabin interior is cooled to perfection while the comfort airflow function ensures there are no nasty drafts. And because the driver can keep the windows and doors shut, the cabin is less tempting to thieves.

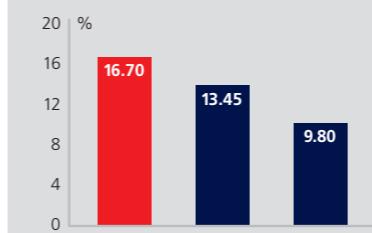
Save as you sleep?

Due to the huge hikes in fuel prices, fuel consumption is one of the main cost drivers in the trucking industry. Even the continuing development of high-efficiency engines cannot possibly compensate for the skyrocketing fuel costs.

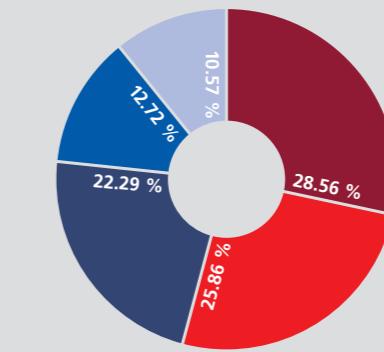
The Cool Top Vario helps ease the burden of fuel prices in two ways. First, there's no need to keep the engine running. Second, the driver can concentrate better and thus work more efficiently.

Fuel: a key cost driver in the trucking industry

Cost inflation within one year
(Jan 2010 to Jan 2011)



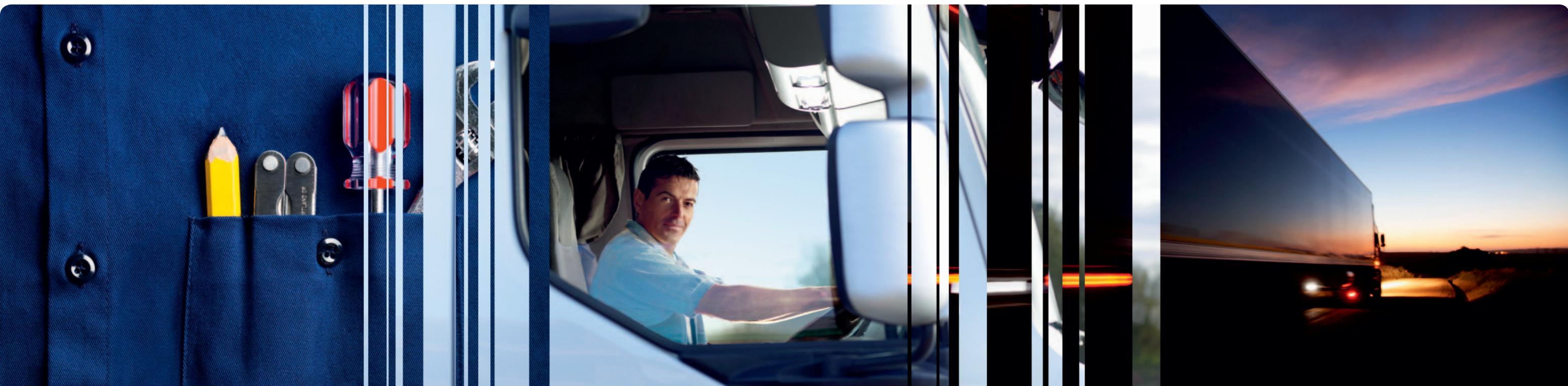
Key cost drivers



Fuel costs make up the largest single area of expenditure in the industry and are still rising rapidly. So you'll probably want to save even more in this area in the future.

- Staff
- Fuel
- Costs per mile on the road (incl. maintenance)
- Fixed costs (incl. depreciation, taxes)
- General overheads (incl. material costs)

* Source: TopFit truckers study conducted by Mercedes-Benz in 2010



When you're back on the road again for a while, instead of still waiting at the service center.

Efficiency is also about everything working the way it should. So if equipment is quick and easy to install, you save money even before you hit the road again.

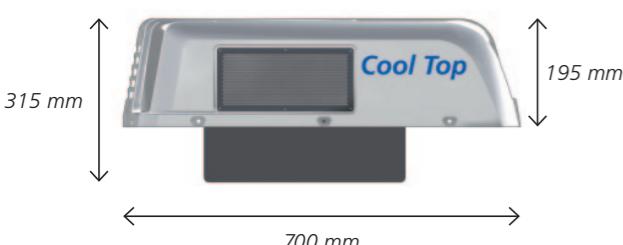
The Cool Top Vario comes in handy, preconfigured kits for all standard vehicle models, with exactly the right parts for the job – nothing more, nothing less. So there's no need for extra drilling. Simply mount the assembly frame and connect the unit. Before you know it, the truck's been serviced and is back where it should be – on the road.

A parking cooler that also looks the part

The Cool Top Vario can be painted in any vehicle color to fit in with your corporate fleet design. And in the same way that it's easy to install, it's equally easy to remove again.

Technical specifications:

| Cool Top Vario 10 E | |
|--|--|
| Nominal cooling capacity (W) | 1,000 |
| Refrigerant | R134a |
| Nominal voltage (V) | 24 |
| Max. total power consumption at 24 V (A) | 20; ECO Mode: 13 |
| Max. operating temperature (°C) | 45 |
| Max. volume flow of evaporator blower (m³/h) | 500 6 fan settings |
| Dimensions L x W x H (mm) | 860 x 700 x 315 |
| Installation height | 197 – 200 (depending on cabin type) |
| Required roof aperture L x W (mm) | 400 x 402 |
| Weight (kg) | 31.0 |
| Certification/approvals | E1, conforms to ADR |



Available parking cooler units and installation kits:

| Cool Top Vario 10 E | Scope of delivery | Order No. | Cool Top Vario 10 E | Scope of delivery | Order No. |
|---|--|-------------|---|---|-------------|
| Standard air-conditioning system Cool Top Vario 10E | Air-conditioning system with control panel, remote control, connection cable 5 m, operating instructions | BE84031739A | Installation kit universal | | |
| | | | DAF XF 105 (Super Space Cab) ⁽³⁾ , DAF CF 65/75/85, DAF LF 45/55 (Sleeper Cab, Space Cab), MAN F2000 | Vehicle-specific cover frame, mounting rods, screws, seals, installation instructions | BE84031873A |
| | | | Mercedes-Benz Actego, Axor, Volvo FL/FH 16/FM/FMX – L2H1, Volvo FE – L2H1, L3H1 | | BE84031873A |
| Installation kit vehicle-specific | | | | | |
| DAF XF 105 (Space Cab) | Vehicle-specific cover frame, mounting rods, screws, seals, installation instructions | BE84031746A | | | |
| MAN TGA (XL, XLS, XXL ⁽³⁾) | | BE84031876A | | | |
| MAN TGX, TGL, TGM, TGS (XL ⁽¹⁾ , XLX ⁽¹⁾ , XXL ⁽³⁾ , LX (TGS)) | | BE84031750A | | | |
| Mercedes-Benz Actros MP4 (CompactSpace, ClassicSpace, Steeamspace, BigSpace) | | BE84031872A | | | |
| Mercedes-Benz Actros MP3 (L-Fahrerhaus, Megaspaces ⁽³⁾) | | BE84031743A | | | |
| Scania R (CG19L, CP19N, Topline ⁽³⁾ , Highline) | | BE84031745A | | | |
| Scania P (CG19L, CP19N, Highline) | | | | | |
| Scania G (CG19L, CP19N, Highline) | | | | | |
| Renault Magnum ⁽³⁾ | | BE84031748A | | | |
| Renault Premium | | BE84031749A | | | |
| Volvo FH/FH 16 ⁽²⁾ (Globetrotter XL L2H3) | | BE84031804A | | | |
| Volvo FM/FMX (Globetrotter XL L2H3) | | | | | |

⁽¹⁾ Only without spoiler

⁽²⁾ New FH/FH 16 series (from end 2012) not possible, roof hatch is emergency exit

⁽³⁾ Up to 3.8 m vehicle height



When experience and know-how make a parking cooler that bit more innovative. That's Feel the Drive.

Air-conditioning technology from Webasto – serial production quality for retrofitting. The ideal solution for you.

When a business has been working as long as we have with leading automotive companies, it quickly learns how to adapt to customer needs. Development, production and project realization become increasingly dovetailed, to the point that everybody involved in the process arrives at the best possible solution. At Webasto, this is underpinned by stringent testing in our in-house climate chambers to guarantee ultimate reliability.

As our customer – and as an owner of a retrofitted truck – this means you benefit not only from our advanced expertise, but also the quality and durability of our products and components – not to mention our strict regard for quality management. Basically, an investment in an air-conditioning system supplied by Webasto is always a safe investment. All this is backed up by our round-the-clock international service network, to provide advice and support – quickly, professionally and without red tape.

When the business utility of all types of commercial vehicles can be enhanced thanks to innovative climate systems, that's Feel the Drive.

Vehicles change the world. And Webasto is changing vehicles and their world. Our solutions help trucks reach their destinations more economically. Buses and trains are more comfortable. Special and commercial vehicles are more efficient. Whether they are original parts or parts for retrofitting, our products provide sustainable solutions – that benefit the environment as well as companies.

Our dedicated people support you all around the world. Wherever commercial vehicles are planned, produced, redesigned or repaired, we are there for you. Professional, committed and helpful, we see to it that you, our customers, reach your destinations comfortably and efficiently.

This is what drives us as a company and inspires our work.

And that is what we call Feel the Drive.



Webasto has developed innovative heating and air conditioning solutions for the following markets.



Trucks

Efficient heating and compact air-conditioning systems maintain exactly the right temperature in the cabin interior, the engine compartment and the cargo area.



Light-duty vehicles

We provide heating and air-conditioning systems to match your individual requirements.



Buses

Our air-conditioning systems make driving more pleasant and safer.



Rail

Air-conditioning systems for passenger compartments and drivers' cabins, boosting efficiency and comfort the moment the vehicle enters operation.



Off-highway

Air-conditioning systems for passenger compartments and drivers' cabins, boosting efficiency and comfort the moment the vehicle enters operation.



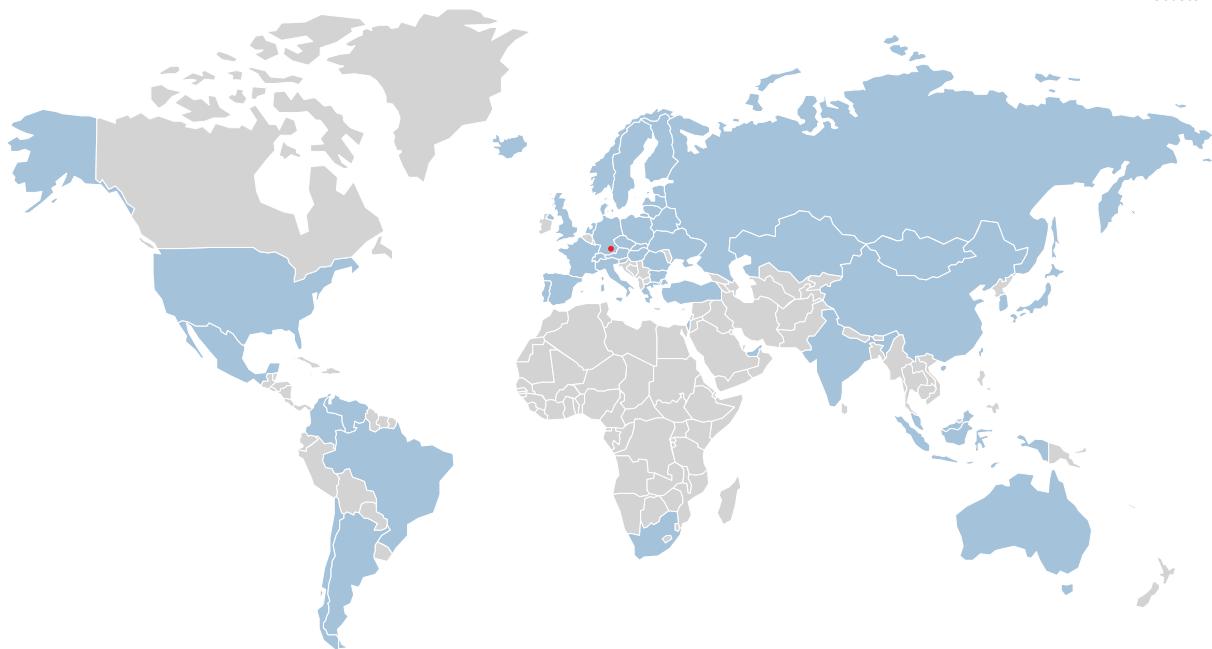
Defense

We supply sturdy and efficient heating and air-conditioning systems for a pleasant working environment, whatever the weather.



Special vehicles

Our solutions make your job more comfortable, safer and more profitable.



For more than 75 years, the Webasto group has continued to set new technological standards – in both the original equipment sector and the aftermarket. As one of the 100 biggest suppliers in the automotive industry worldwide, we develop and produce roof, convertible as well as heating, cooling and ventilation systems. Our products help provide a better atmosphere on the road, more comfort and security, as well as increased efficiency for cars, commercial and special vehicles, motor homes and boats. An outstanding network of production facilities and dealers guarantees high-quality products, installation standards and services worldwide.



The Number 1 in heating and air conditioning.

Trucking experts agree: For 10 years Webasto has been the most popular heating and air-conditioning brand on the market!* Why? Because for over 100 years we've been focusing on the needs of our customers. As one of the world's largest automotive suppliers, we put our unique know-how to work in providing innovative, practical and well designed heating and air-conditioning systems!

* Source: Joint survey conducted in Germany by special interest magazines lastauto omnibus, trans aktuell and Fernfahrer, 2014