

▪ Webasto representations worldwide



For over a century, Webasto 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 systems, including convertible solutions, as well as heating, cooling and ventilation systems. Our products help provide a better driving experience 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.

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**Webasto**  
Feel the Drive

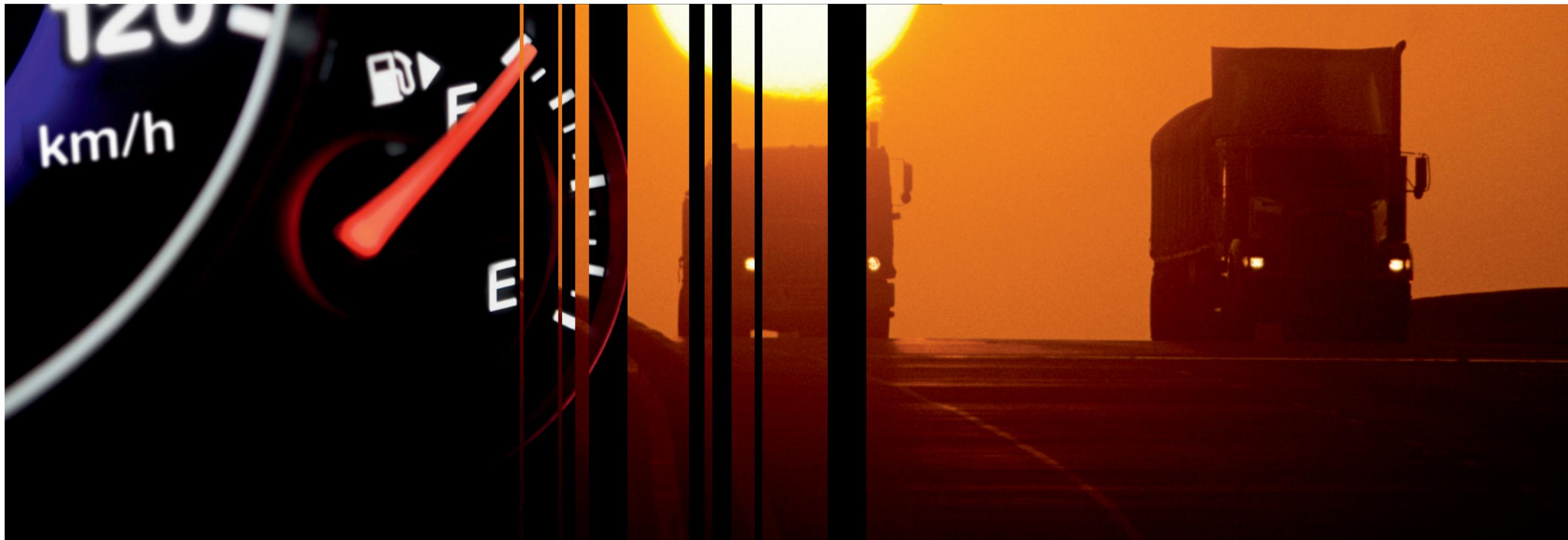
## Our parking cooler – more comfortable and efficient than ever

The Cool Top Vario for trucks



**New!**

## 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.

### **The Number 1 in heating and air conditioning.**

Trucking experts agree: For 8 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, 2012

### **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 CO<sub>2</sub> 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
- You have a choice of automatic, manual and eco operation modes.

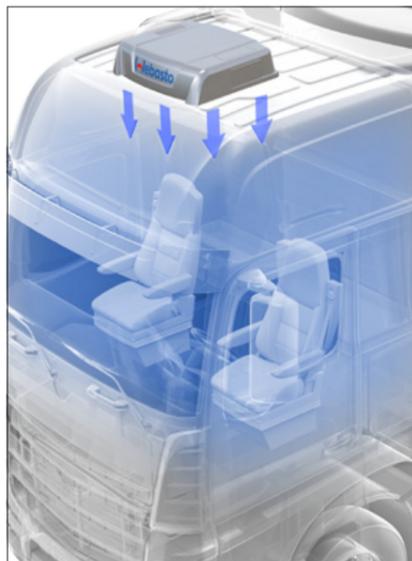
The remote control puts all the key functions comfortably in the palm of your hand.



### 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

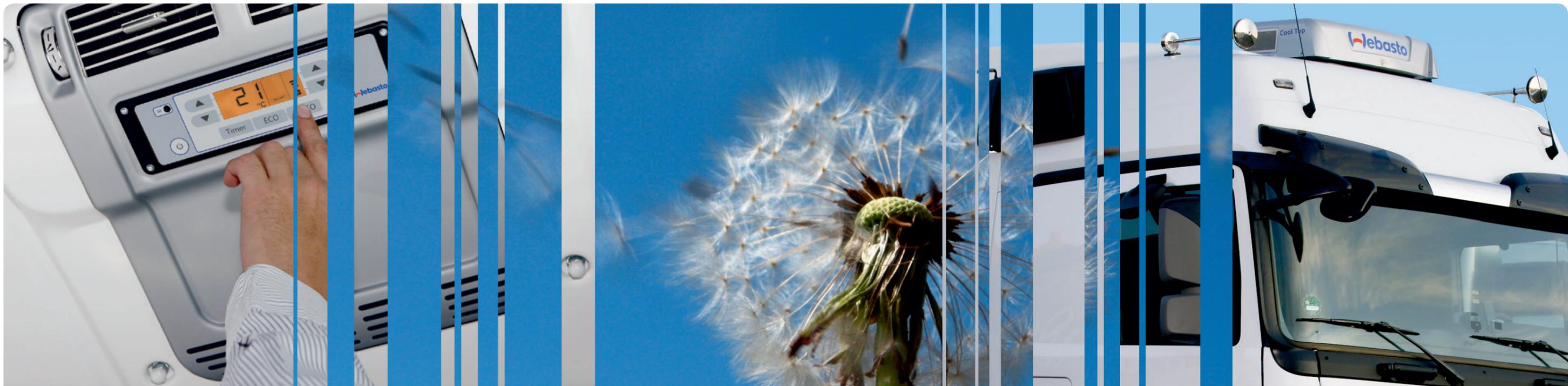


The Cool Top Vario in the cabin interior



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.

### 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.

### 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!



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



*Individual airflow settings – focus or comfort*



*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.

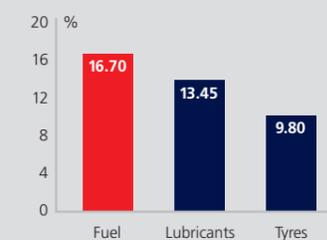
### Save as you sleep?

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.

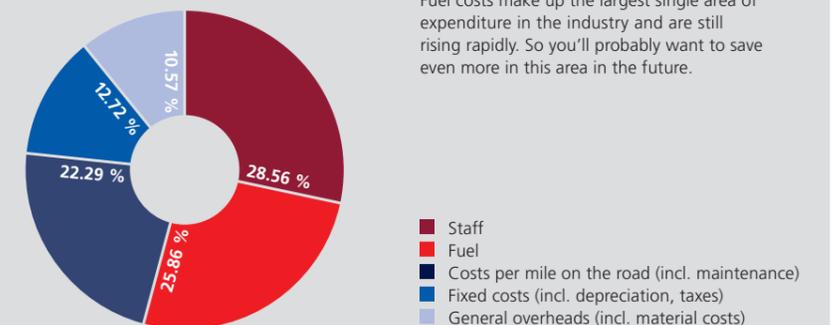
## Fuel: a key cost driver in the trucking industry

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



Source: BGL e. V., 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.

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



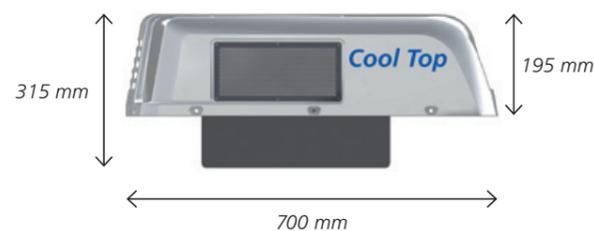
## When you're back on the road again for a while, instead of still waiting at the service center.

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	
Cooling capacity (W) (according to ISO 5151)	1,000
Refrigerant	R134a (pre-filled)
Nominal voltage (V)	24
Maximum overall power consumption (A)	20; ECO Mode: 13
Operating temperature range (°C)	max. 45
Evaporator fan volume flow (m³/h)	max. 500 6 fan settings
Dimensions L x W x H (mm)	860 x 700 x 315
Mounting height (depending on cabin model)	197 - 200
Required roof cutout	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	Order number	Description
Parking cooler Cool Top Vario 10 E	BE84031739A	Standard kit, including remote control for all installation kits except Iveco Stralis
Parking cooler Cool Top Vario 10 E for Iveco Stralis*	BE84031740A	Basic kit only for Iveco Stralis incl. remote control. Always use in combination with installation kit BE84031751A
<b>Vehicle-specific installation kits</b>		Blincluding: vehicle specific installation frame, mounting bars, screws, sealing and installation guidelines
DAF XF 105 Space Cab (SC)	BE84031746A	
DAF XF 105 Super Space Cab (SSC)*	BE84031747A	
MAN TGA*	BE84031876A	
MAN TGX (XL & XXL, XLX)	BE84031750A	
Mercedes-Benz Actros MP4*	BE84031872A	
Mercedes-Benz Actros MP3	BE84031743A	
Mercedes-Benz Atego, Axor*	BE84031803A	
Scania R & P series	BE84031745A	
Renault Magnum	BE84031748A	
Renault Premium	BE84031749A	
Volvo Globetrotter LXL (L2H3)	BE84031804A	
Iveco Stralis*	BE84031751A	Use only in combination with parking cooler BE84031740A
<b>Universal installation kit</b>		
Mounting kit*	BE84031873A	

\* available first quarter 2013



**When experience and know-how make a parking cooler that bit more innovative. That is 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.



### Truck

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.



### Bus

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

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



### Defense

We provide special heating and air conditioning systems to ensure vehicles are always ready for action.



### Special vehicles

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