

Behr and Hella: global partners for thermal management and electronics

Innovative way of thinking + two strong partners = BHTC

BEHR

BEHR GmbH & Co.

As the technological trendsetter in automotive air conditioning and engine cooling, Behr is among the leading OEMs in the world. Behr air conditioning systems increase driving comfort and safety in both, passenger cars and commercial vehicles. Behr cooling systems with their stable thermal conditions ensure environmental-friendly engine operation, reducing both, fuel consumption and improving tail-pipe emissions.

As a system integrator, Behr is part of a flexible cooperation network with other leading automotive suppliers and is responsible for the complete vehicle thermal management. In 2002 Behr achieved a corporate turnover of over 2.8 billion Euros employing a total of about 16,000 employees. The corporate headquarters in Stuttgart control an international network of manufacturing locations as well as subsidiary companies and licence partners all over the world.



Hella – Ideas today for the cars of tomorrow

Automotive lighting, electronics, complete vehicle modules and the automotive components aftermarket are the core competence areas of the automotive supplier Hella KG Hueck & Co. with its corporate headquarters in Lippstadt. The current turnover of the Hella Group amounts to about 3 billion Euros. In terms of turnover, Hella is among the largest

100 industrial companies in Germany. A total of 22,500 people are employed in 58 manufacturing facilities, production subsidiaries and joint venture companies in 18 countries around the world. Almost 1,700 engineers and technicians work in Research and Development. All the world's leading automobile and system manufacturers are Hella customers as well as the automotive components aftermarket.



What can we do for you?

Please contact us.

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Comfort at your fingertips

Joint system control:

Automotive air conditioning and engine cooling.

Our expertise, either as a direct supplier or as a development partner of Behr, is always available for your systems development.



Innovative control systems for thermal management

Perfect combination: Behr-Hella Thermocontrol

For increased system expertise.

Welcome to Behr-Hella Thermocontrol GmbH in Lippstadt!

Comfort at your fingertips!
Our competence is your advantage!

BHTC is your specialist in automotive air conditioning and engine cooling. Our core competences in the field of electronics are: tactile feel and function, surface design and illumination.

Your aims are our challenge: innovative ideas are turned into competitive products for the automobiles of the future.

In Lippstadt, Stuttgart and Plymouth, MI (USA) more than 640 employees develop and produce operating and control units for air conditioning systems as well as electronic control units for intelligent automobile cooling systems.

Working either in direct cooperation with your specialists or in close engineering coordination with Behr, we implement your ideas and convert them into series production.

BHTC is your reliable partner in the automotive air conditioning and engine cooling sector: we design tailor-made concepts and solutions, prepare technical specifications, develop, build and test your products and maintain support through high volume series production.

Our landmark system partnership with Behr enables us to offer optimum competence in the field of air conditioning to your company.

Our services - your benefit:

- You receive the entire air conditioning and engine cooling system from a single source.
- We develop, produce and distribute control heads, electronic control units and output regulators for blowers and fans.
- You benefit from a simplified supply and interface management and profit from synergies in the coordination of HVAC module, cooling circuit and control system development.

- We ensure the results of our development with networked process management, highly developed simulation tools, modern test and inspection equipment and a universally and consistently applied quality management system.
- We implement technical innovation from the initial idea through to series production either in direct cooperation with you or through Behr, our development partner. One example of innovative progress: the temperature inside the car is

determined without supplemental ventilation by means of our "integrated thermal-optical sensor" (ITOS®). This sensor, which has been designed inconspicuously into the surface of the control unit, has been developed with the help of the latest technologies and simulation techniques.

- Complete testing in climate tunnels, acoustic laboratories and test drives guarantee the functional safety of the whole system.

- Many of the top European automobile manufacturers already rely on innovations of BHTC. Car manufacturers of luxury class automobiles (VW Phaeton, Audi A8), popular SUVs (VW Touareg, DC M-Class, Porsche Cayenne), as well as more widely sold models (VW Golf, Passat, BMW 3-series) trust in the proven quality of our products.
- Since January 2003 we have intensified our direct contact to customers on the North American market through BHTC Inc., Plymouth, MI.

- The development and production of our products comply with the stringent regulations of DIN-EN ISO 9001 und QS-9000. BHTC is audited on a regular basis by automobile manufacturers.



Innovation and transparency are not only demonstrated by the clearly structured architecture of the headquarters of Behr-Hella Thermocontrol in Lippstadt. They also form the solid basis of our company philosophy.



Effective project management is essential for successful product development.



Know-how and latest testing systems safeguard our developments.

Integrated solutions from sensor to control unit

You can rely on us.

For optimal air conditioning.

The „intelligent head“: the control head or control unit regulates all the sub-systems involved. Perfect air conditioning comfort, user-friendly and design are of top priorities.



Intelligent wind machine: linear as well as rating blower regulators control all air streams for optimal air conditioning comfort.



Sensors and simulation techniques determine the position and intensity of the sun as well as the temperature, air volume and humidity.



Electric assist heaters guarantee convenient heating even at low temperatures.

