



PRODUCT INFORMATION

RADIATOR FANS

- **High Quality and Reliability:** HELLA radiator fans are manufactured to highest quality standards, ensuring reliable and consistent performance. This commitment to quality means you can trust HELLA fans to function effectively under all driving conditions.
- **Precision Engineering:** Developed in collaboration with industry experts, HELLA's fans are precision-engineered to deliver maximum efficiency. This meticulous design process ensures optimal airflow and cooling performance.
- **Durability and Longevity:** HELLA utilizes high-quality materials and rigorous testing procedures to ensure their radiator fans withstand the demands of daily driving. This durability translates to a longer service life, providing peace of mind and reducing the need for frequent replacements

PRODUCT FEATURES

HELLA offers a wide range of high-quality radiator fans for passenger cars, light commercial vehicles and commercial vehicles, designed to meet the highest standards. HELLA's engine cooling radiator fans are integral to maintaining optimal engine temperatures, ensuring efficient performance and preventing overheating.

HELLA Radiator Fans additional benefits:

Investing in HELLA radiator fans means choosing a product that combines quality, performance and reliability, ensuring your engine remains at an optimal temperature for efficient and safe operation.

Comprehensive Range: With a wide selection of radiator fans tailored to specific vehicle models and engine types, HELLA ensures a perfect fit and optimal compatibility. This extensive range allows customers to find the ideal fan for a vehicle's cooling system needs.

How does it work?

Engine Heat Generation: When the engine runs, it generates heat. The radiator's job is to absorb and dissipate this heat through coolant, which circulates through the engine.

Activation of the Fan: When the engine temperature rises and the coolant temperature increases, the thermostat or temperature sensor signals the radiator fan to turn on.

Airflow Creation: The fan, which is located behind or in front of the radiator, begins to spin, drawing air through the radiator. This airflow helps to cool down the coolant as it passes through the radiator fins, ensuring that the engine doesn't overheat.

Temperature Control: The radiator fan continues running until the engine cools down to an optimal temperature. Once the engine reaches a safe operating temperature, the fan automatically turns off.

Types of Fans: **Mechanical Fans:** Driven by the engine via a belt and pulley system, they provide airflow when needed.

Electric Fans: Powered by the car's electrical system, they are more efficient and turn on and off automatically based on the engine's temperature.

RADIATOR FANS

Why and when to replace?

Poor or No Airflow: If the fan isn't spinning or producing insufficient airflow, the engine may overheat because the coolant is not being properly cooled. This indicates a malfunction that requires replacement.

Unusual Noises: Grinding, squealing, or rattling noises coming from the fan often signal a worn-out motor, broken fan blades, or loose components. If these sounds persist, it may be time to replace the fan.

Overheating Engine: If the engine frequently overheats and the radiator fan is not activating when it should, it might be due to a faulty fan or the electrical components controlling it (e.g., temperature sensors or relays). In this case, replacement is necessary.

Electrical Issues: For electric fans, if there are issues like blown fuses, wiring problems, or the fan not responding to temperature signals, it may need to be replaced to restore proper cooling.

Visible Damage: Cracked or damaged fan blades, a broken fan motor, or damage to the fan shroud can cause the fan to stop working effectively, requiring a replacement.

Inconsistent Fan Operation: If the fan runs intermittently or doesn't switch on/off properly, it could indicate a failure in the control system or the fan itself, necessitating replacement.

What does HELLA offer?

Premium Technical Expertise and Service: Our technical workshop service, being provided through our experts, is rounding off our technical service. In addition to Tech World, our Partner World offers targeted content for wholesalers, helping them to better serve their customers.

Target-oriented Marketing Services: Entire communication to market and supporting the W/D with a powerful communication package.

Vast Data Management Services: HELLA's sophisticated data management services allow for precise and efficient parts identification, ensuring that wholesalers and workshops can quickly find the right parts.

Tailormade Logistic Solutions: Our logistics are designed to meet the specific needs of our partners, ensuring timely and reliable delivery of products.

Introducing HELLA Thermal Management's new range:

HELLA is reintroducing a comprehensive Thermal Management product portfolio for the independent automotive aftermarket. With over 20 years of OE-grade expertise in engine cooling and air conditioning, we offer key replacement components including A/C compressors, condensers, interior blowers, radiator fans, radiators, and intercoolers.

Discover the entire range by scanning the QR code.



Product features, specifications and availability are subject to change without notice.

HELLA Automotive Sales, Inc.

611 Highway 74 S, Suite 102
Peachtree City, GA, 30269
Tel.: +1 (877) 224-3552
Fax: +1 (770) 631-7574
www.hella.com/us/
www.myhellalights.com