



PRODUCT INFORMATION

INTERIOR BLOWERS

- **High Quality:** HELLA interior blowers are produced to the highest standards, ensuring best possible compatibility and performance.
- **Reliability and Performance:** Manufactured with high-quality materials, HELLA interior blowers provide reliable operation and long service life, contributing to effective climate control within the vehicle.
- **Clear Visibility:** HELLA interior blowers possess highest effectiveness in terms of defrosting and demisting windows, maintaining clear visibility under various weather conditions. This ensures safety driving conditions.

PRODUCT FEATURES

Interior blowers are essential components of a vehicle's climate control system, responsible for air circulation through the heating ventilation air conditioning (HVAC) unit to maintain a comfortable and safety cabin environment. HELLA offers high-quality interior blowers for passenger cars, light commercial vehicles and commercial vehicles designed to meet the highest demands.

HELLA Interior Blowers additional benefits:

HELLA's commitment to quality and innovation makes our interior blowers a dependable choice seeking optimal performance and comfort.

Optimized Airflow: Engineered to deliver consistent and balanced airflow, HELLA interior blowers enhance passenger comfort by maintaining desired temperature levels.

Easy Installation: Designed for straightforward installation, HELLA interior blowers facilitate quick replacement, reducing vehicle downtime and labor costs.

Comprehensive Range: HELLA provides a wide selection of interior blowers suitable for various vehicle makes and models, catering to a broad spectrum of customer needs.

How does it work?

Air Intake: The blower fan draws air from the outside environment or recirculates air from the cabin. Filters clean the incoming air and remove dust and debris.

Airflow Over the Evaporator (Cooling) or Heater Core (Heating): Once the air is drawn in, it passes through either the evaporator coil (for cooling) or the heater core (for heating). The evaporator coil, chilled by the refrigerant in the A/C system, cools the air. In heating mode, air passes over the heated heater core to warm the air.

Air Distribution: The blower then forces the air through the system's ducts and vents, allowing it to be directed into the cabin through the dashboard or floor vents.

Speed Control: The blower speed is usually adjustable, allowing the driver or user to increase or decrease the airflow. This is controlled either via a manual knob or an electronic control system, adjusting the fan's speed.

Temperature Control: The blower works in conjunction with the air conditioning or heating system to provide the desired interior temperature. When cooling, the blower ensures that the cold air from the evaporator circulates throughout the cabin. When heating, it ensures that the warm air is distributed effectively.

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Why and when to replace?

Poor Airflow: If the blower is not producing sufficient airflow or if airflow becomes weak, it may indicate a failure in the motor or fan blades, requiring replacement.

Unusual Noises: Grinding, rattling, or whistling noises can be signs of a damaged blower motor, fan, or other internal components. If the noise persists, the blower may need to be replaced.

Motor Failure: If the blower motor stops working completely, it can no longer circulate air. A dead motor is a clear indication that the blower needs to be replaced.

Blower Speed Issues: If the blower operates at only one speed, or if the speed control doesn't work properly, the motor, resistor, or control module may be faulty and require replacement.

Airflow Imbalance: Uneven airflow (strong airflow from some vents, weak airflow from others) can be caused by a malfunctioning blower or blockages within the system that need attention or replacement.

Electrical Issues: If there are electrical problems such as blown fuses or malfunctioning wiring, it can prevent the blower from functioning. In this case, the blower might need to be replaced to fix the issue.

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.

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