

TRUST **THE EXPERTS**

**CLIMATE
COMFORT
SYSTEM**



Empower your AC business

Learn the Backbone of Reliable AC System Service

Regardless of the AC system function and the vehicle power drive, two elements are paramount for successful system service: high-quality, reliable spare parts and in-depth technical expertise.

Here's where Nissens, a veteran in the thermal systems field, steps in with its comprehensive spare parts program and expertise to empower aftermarket professionals.

3 pages article
4 min reading time

The Backbone of **Reliable AC System Service**

In the constantly changing automotive industry, the vehicle's climate system has become more than just a comfort feature. Beyond providing essential comfort for all types of cars, it plays a critical role in the overall mobility of electric and hybrid vehicles.

To ensure effective servicing of any thermal control system, the independent repair sector relies on two pillars: high-quality spare parts and an appropriate level of technicians' know-how. Settling for anything less can lead to costly repairs, compromised comfort and mobility, and dissatisfied customers.

Comprehensive Parts Offering: Wide Coverage, High Reliability

Nissens' range of AC system parts is known as one of the most complete solutions for the independent repairs sector. It has been designed to suit a variety of segments, from passenger cars to heavy-duty commercial trucks, and it covers vehicles with all types of drivetrains.

With nine main product lines and over 4,000 parts catering to more than 16,000 reference numbers and securing up to 93% of EU car parc coverage in some lines, this program ensures that aftermarket workshops and distributors can find high-quality

components for most European vehicles, particularly the most popular models.

All Nissen parts are developed to the highest standard of Genuine Nissens Quality, which ensures reliable, high-performing, and easy-to-install automotive spare parts for the aftermarket.

The purpose behind developing such an advanced range is to streamline the repair process and ultimately boost the end customer's satisfaction through the AC system's longevity and the vehicle's proper functioning.

The Nissens Condenser: A Benchmark for Excellence

At the heart of every AC system lies the condenser, a critical heat exchanger that significantly impacts the system's overall operation and longevity. Nissens' condenser stands out as a uniquely engineered, long-life spare part designed to deliver excellent performance and withstand the harsh conditions of the road.

With specially developed, anti-corrosive coating, these condensers have been proven to outlast their OE and aftermarket counterparts, even in the most challenging environmental conditions, including dirt, moisture, and corrosion-provoking salt.

The meticulous design of the Nissens part includes a thorough selection of the raw materials and construction type, including the specific density of tubes and fins.

Combined with rigorous testing, including, for example, wind tunnel simulations, corrosion tests in the salt chamber, or burst and vibration tests, it ensures that the condenser not only withstands the test of time but also characterizes excellent performance. The prime quality of details is also worth mentioning, as ultimately, they facilitate safe delivery and trouble-free installation.

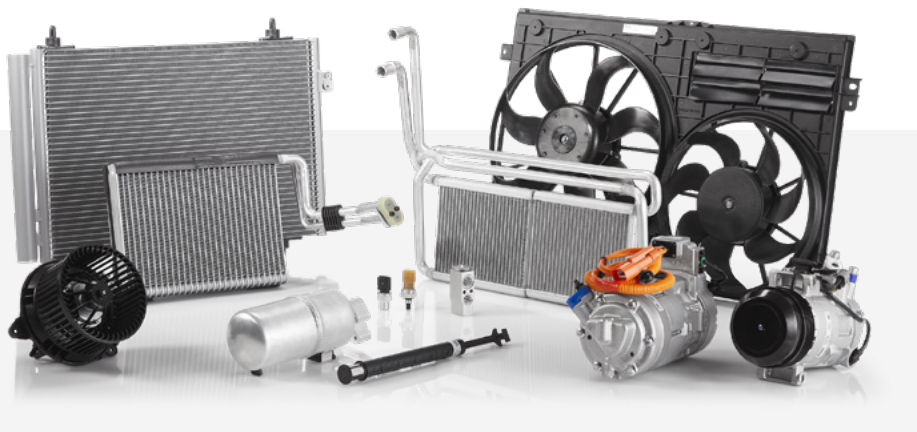
Nissens' condenser is delivered with a transport-safe sturdy, allowing multiple opening boxes. The package includes all necessary installation parts like bolts or o-rings to save the installer time and money and secure, firm, first-time-correct replacement.



Nissens controls the superior condenser quality through various test series, including performance validation in the wind tunnel.



The 400-hour salt chamber corrosion test has proven that Nissens' condenser maintains its structure with no signs of corrosion.



With the range of the key system components, Nissens' Climate System Parts program serves as a one-stop shop for aftermarket professionals.

The Backbone of **Reliable AC System Service**

Furthermore, before leaving the factory, the condenser is pressurized with nitrogen, a neutral gas, to keep the possible moisture and dirt away before the product arrives at the workshop and is coupled in the vehicle.



Nissens' quality standard includes robust, protective packaging and extra parts for an easy and safe installation (First Fit).



Effective Troubleshooting

With the Nissens AC Service tools, you can perform the most crucial AC system diagnostics. The selection includes leak detectors, a pressure test kit, and a sight-glass tool for various refrigerants.

To learn more about the tools, visit nissens.com/climate



Elevating Competitiveness Through Technical Support

Nissens Experts is an initiative designed to enhance the competitiveness of independent sector professionals. It is basically a technical support program that provides access to advanced automotive knowledge through training modules, video tutorials, best practices for complex repairs, and detailed product information.

Additionally, technicians are offered a selection of Nissens' AC service tools to assist with essential troubleshooting processes within the program. By sharing its extensive expertise, Nissens aims to raise the standards of aftermarket services, ensuring that technicians are well-prepared to address the complexities of modern climate systems and provide drivers with the comfort and safety they expect.

Comprehensive Solution, Globally Accessible

The Nissens Climate System parts program encompasses many components that are key to the AC system's operation. Besides the exemplary condenser, Nissens' AC compressor, expansion valve, evaporators, filter driers, AC fans, interior blower, and pressure sensor create a comprehensive service parts package ready to support any repair. Along with the technical support initiative, it presents a holistic solution for the aftermarket

This comprehensive package is readily available through leading aftermarket spare parts distributors worldwide, ensuring that professionals worldwide can leverage Nissens' expertise to deliver reliable, high-performance climate system services.

LEARN FROM **EXPERTS**

Free Trainings Online

This spring, you can benefit from one of Nissens' 100+ learning sessions online.

From the AC system fundamentals, components, and consumables to advanced service procedures, 12 Nissens trainers will conduct high-quality learning sessions in 10 various languages.

Nissens Experts Portal

Learn from the library of hundreds of technical support assets, including installation guides, troubleshooting tips, and service-supportive tools such as refrigerant and lubricant types and quantities finder.



Condenser diagnostics

How do you diagnose if the condenser is the cause of the AC system failure? When to replace it?

Condenser selection

What should you look for while selecting a condenser?

AC Compressor installation tips

What to pay attention to while installing a compressor?

To learn more about Nissens Climate System Parts offering, visit www.nissens.com/climate