

# Global presence

A COMPLETE COMMERCIAL & TECHNICAL SUPPORT  
OFFERED LOCALLY TO OUR PARTNERS, WORLDWIDE

## CLIMATE COMFORT KEY SYSTEM COMPONENTS



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THE  
WIDEST  
PRODUCT  
RANGE



www.nissens.com

AUTOMOTIVE  
SYSTEMS



Every day  
while  
you drive...

## we enable your climate system to perform for you.

Today, most modern cars are equipped with an air-conditioning system. The improved cabin comfort and the increased quality of the air intake have become a standard that is no longer considered a luxury. From passenger cars to commercial heavy-duty machinery, the automotive climate systems, today, are an integrated part of the vehicle's comfort and safety.

Over the last years, Nissens has invested a significant amount of resources in research on and development of climate system components for the automotive segment. Years of thermal know-how and manufacturing experience mean that we are able to meet the emerging market need for a comprehensive range of high-quality air conditioning spare parts, whilst, at the same time, being a market educator for technical insight into the climate systems field.

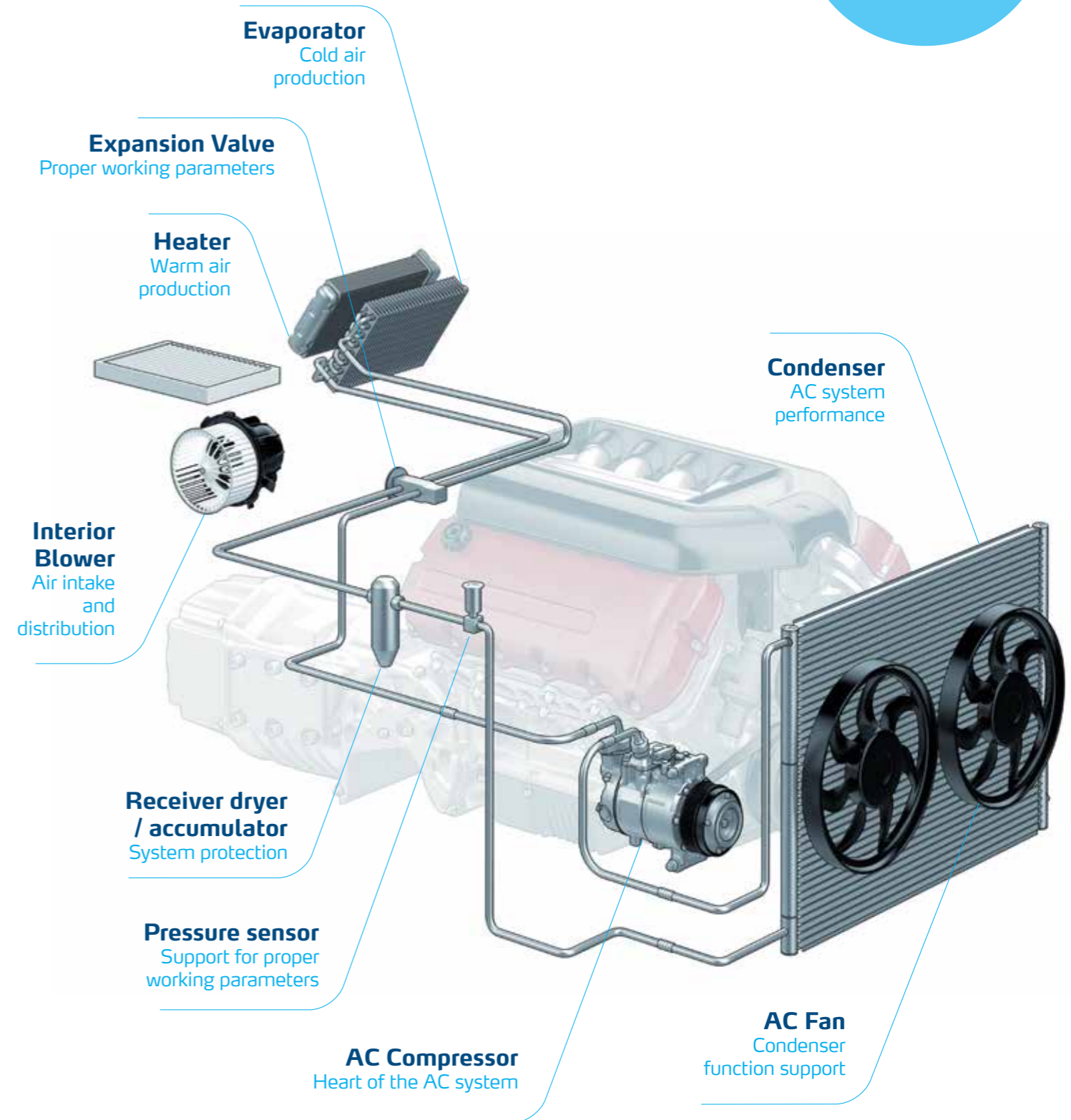
As a market leading manufacturer of most essential climate system components, Nissens offers a comprehensive product portfolio, covering more than 15,400 OE numbers. Covering everything from the fast moving to the more exotic parts of the European, Asian and American vehicle brands, Nissens is the ideal choice for quality, range and expertise.

Focusing on added features, such as 'First Fit' and 'First to Market', our partners in the AAM are always up to date and in line with the latest market trends, securing them the right position for growing and developing their markets.

Every time it involves your AC system, Nissens is right there with you - contributing to the comfort and safety of your journey.

**Experience the difference.  
Enjoy the ride.**

More than 3,300 High-Quality  
Climate System Components  
for Cars, Vans and Trucks



experience  
the real  
difference

#### Know-How

Manufacturer, reengineering and critical component improvement, wide product range

#### Quality

The best raw materials, Nissens advanced life and performance test series

#### THE DIFFERENCE

#### Easy installation

Product features reducing installation time, professional knowledge sharing to avoid common installation problems, excellent product catalogues

#### Durability & Performance

Special features improving the product lifespan, supreme thermal performance product test series

**Nissens**  
DELIVERING THE DIFFERENCE

# Condenser

Heat exchanger - crucial for the refrigerant state change in the system

The condenser is placed at the front of the car and is typically attached to other heat exchangers in the engine compartment like engine cooling radiator or intercooler.

The role of the condenser is to ensure that the state of the refrigerant changes from gaseous to liquid form. The change of state is called the condensation process where the refrigerant heat is extracted and exchanged with the ambient air.



## Important to know

- The condenser is a component particularly exposed to corrosion, which, quickly, may weaken the mechanical construction and performance of the component as well as reduce its tightness.
- Corroded or missing fins significantly reduce the performance of the condenser thus the reliability of the entire AC system.
- A leaking or non-performing condenser leads to an excessive overload of the other AC loop components – mainly the compressor, exposing it to overheating and, in extreme cases, to seize up.

## Extended Durability

Extended product lifespan thanks to a special protection applied to condenser models particularly exposed to corrosion.

## OE Matching Quality

Designed, manufactured and tested to match OE quality. Packaging with excellent protection against transport damages.

## Easy Installation

Perfect finish and product fit, enabling a quick and smooth product installation. O-rings included in the product box for selected items (First Fit).

## AAM's Bestseller

Very competitive product range covering +94% of the European vehicle fleet, +1,120 models in range, +50 new models added each season.



## Long-life Product

High resistance corrosion protection technology applied to selected condenser models.



PROGRAM FOR  
CARS  
VANS  
TRUCKS

## Transport Protection

Inlet and outlet connections covered by tight closures protecting against impurities and moist absorption.

Packaging with specially designed cardboard U-profiles to protect the condenser verges against tight strapping and tensions during transportation.

## Perfect Surface Finish

Optimized aluminum brazing processes significantly reduce surface impurities caused by residues of brazing pre-treatment agents.

## Easy Installation with First Fit

All that is needed for a proper installation included in the product box.



## Perfect Fit

Perfect finish in every detail such as connections, threads, bolts, mountings etc. smoothly fitting the vehicle mounting points.

# Compressor

## The heart of the air conditioning system

The refrigerant is compressed by the compressor and transported through the system to create high and low pressure.

The compressor is crucial for the efficiency of the AC system. During an AC cycle, the compressor enables the refrigerant to change its state from gas to liquid and to flow through the different components of the system as well as through high and low pressure sides.

### Important to know

- Proper lubrication is a must for the product vitality and lifespan
- Proper installation procedure including system flushing is crucial for the compressor vitality
- Condenser performance influences the compressor performance and workload



### OE Matching Quality

Nissens' advanced life & performance test series.

### Easy Installation

First Fit - all what is needed in the product box. Warranty & installation guide, installation video and Nissens' technical support are available.

### Reliability & Performance

Test-proven excellent pumping performance, minimized noise and vibration levels, supreme product durability.

### Competitive Range

Product range with +640 items covering more than 5,280 OE numbers.



### Easy Installation with First Fit

All that is needed for a proper installation included in the product box.



-  PREFILLED PAG OIL
-  O-RINGS
-  ELECTRICAL ADAPTER (MULTI FIT APPLICATIONS)
-  PRE-FILTER (WHEN NEEDED)

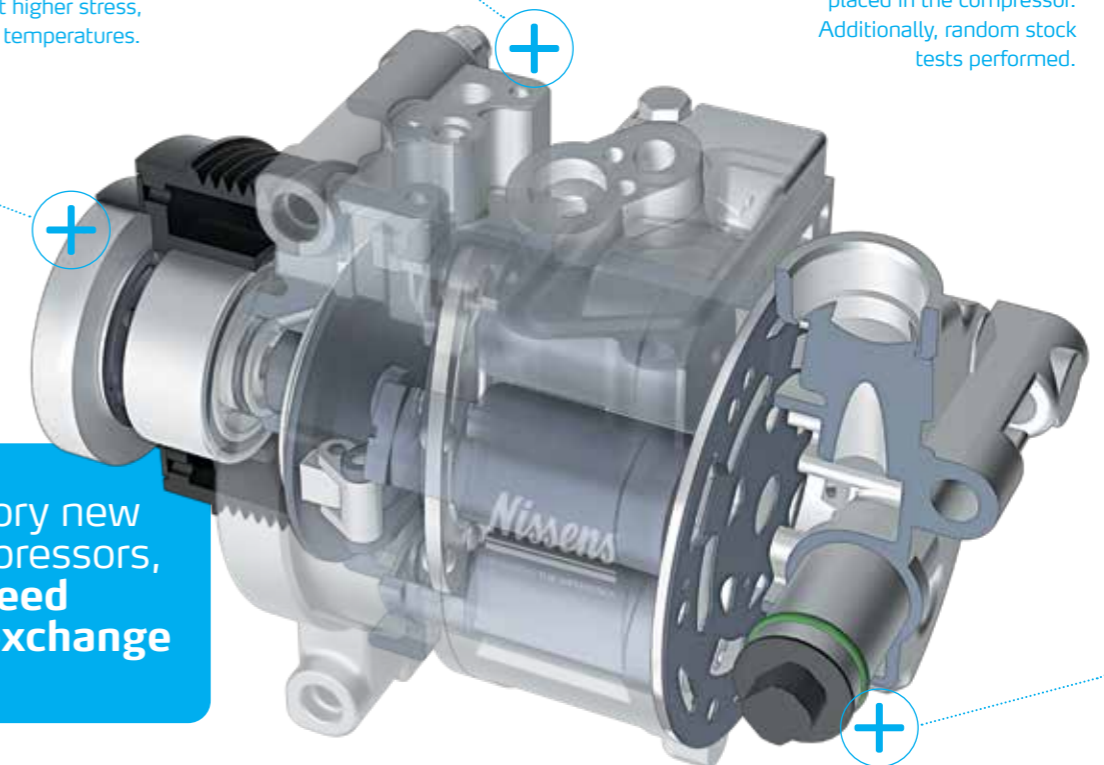
### High Precision Displacement Control

Valves of OE matching quality (MCV/ECV), fully tested before and when placed in the compressor. Additionally, random stock tests performed.

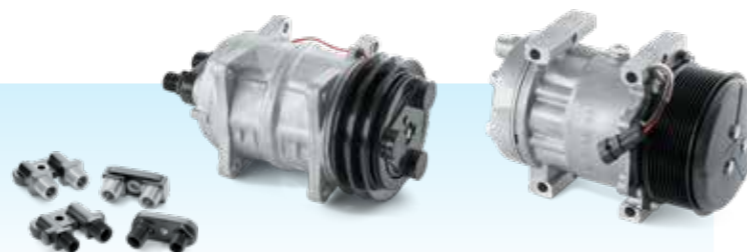
### Improved Durability and Performance

Improved design of critical components such as pulley, clutch hub, bearing and wobble plate to resist higher stress, tensions and temperatures.

### Factory new compressors, no need for exchange



### Solutions for heavy-duty applications



Universal compressors with fittings to fit more OE applications

Agricultural compressors for popular agricultural vehicles



### New in 2022 Line Extension

### Electric High-voltage AC Compressors



Initial range covering the most popular hybrid and electric vehicle models, among others:

Tesla Model 3  
Kia Niro  
Hyundai Ioniq

# Interior Blower

Ensures a proper air intake, flow and distribution which are required for the climate system to operate

The interior blower ensures a proper amount of ambient air intake and flow of air throughout heat exchangers – heater and evaporator. Flowing through the heat exchangers, the air can be either warm or cold and thanks to the blower, the air is distributed in the car cabin.

Typically, the blower is situated in the HVAC (Heat-Ventilation-Air-Conditioning) module located between the cabin and the engine compartment.

The interior blower is an electrical device considered fragile, due to plastic elements, and electrically sensitive to vehicle system failures.



## Important to know

- Clogged or worn cabin air filter reduce the interior blower lifespan significantly
- Most common reasons for interior blower failure are failures in the vehicle's electrical system, reduced flow in the air intake system and improper product handling during installation
- The interior blower in commercial vehicle applications (taxis, buses etc.) is often exposed to faster wear (mileage and working hours)

## Reliability & Performance

Advanced in-house performance, mechanical and electrical test series ensuring a high-quality, long-life product characterized by reliable, high-performing operation as well as minimized noise emission.

## OE Matching Quality

Conforms with the ISO 7637, IATF 16949 standards and the directive of Electromagnetic Compatibility (EMC).

## Easy Installation

Plug & Play modules ready for an instant installation. Nissens' online catalogues with detailed product information, high-quality technical drawings and rotational 360° pictures as well as close-up pictures of electrical connections/sockets. Installation videos for the most demanding and popular blower models.

## Competitive Range

Product range with +350 items covering more than 1,200 OE numbers and constantly being broadened to incorporate the most popular market applications within the car, van and truck segments.



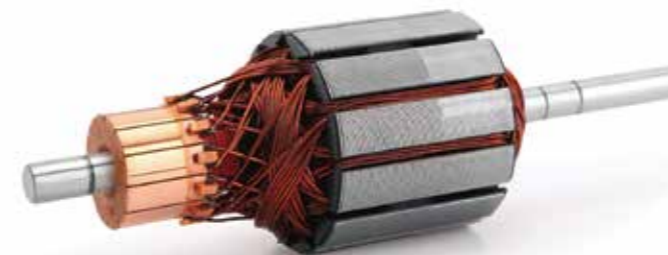
## Improved Resistance to Mechanical Damage and Wear

Only high-quality plastics, no recycled plastic mixtures.

PROGRAM FOR  
CARS  
VANS  
TRUCKS

## High Precision Speed Control

OE control unit and electrical resistors to ensure high performance.



## Smooth Operation of the Electrical Motor

High-quality electric motor armature ensuring reliable operation of the motor and strong protection against destructive current peaks and overvoltage.



## Trouble-free Operation

A special material mixture applied to the carbon brushes developed by Nissens ensuring excellent reliability and supreme overvoltage protection.

# AC Fan

An important player  
in the air conditioning system

The fan plays an important, supportive role for the effective operation of the engine cooling and climate systems of the vehicle. In the climate system, the AC fan forces air through the condenser.

High operation pressures inside the condenser and the temperature produced by the condensation process require an additional air flow supporting the heat exchange between the ambient air and the refrigerant inside. Cooling produced by the fan is crucial for proper condenser operation.



## Important to know

- A nonperforming AC fan has a very negative impact on the condensation process inside the condenser thus the entire AC system performance
- As an electrical device, the fan is often exposed to failure due to problems with the vehicle's electrical system, e.g. overvoltage, bad fuse, nonperforming alternator
- Depending on the vehicle application, the AC fan can be engaged by means of: pressure switch, indirect connection to the compressor clutch, the vehicle's Electronic Control Module (ECM) or signals sent from the AC-ON button

## Reliability & Performance

High-quality fan assemblies and fan components offering proven cooling performance and stable, long-life operation.

## OE Matching Quality

Conforms with the ISO 7637, ISO 16750 standards and the directive of Electromagnetic Compatibility (EMC).

## Competitive Range

Fan program perfectly matching the AAM needs: product range with +220 items covering more than 1,000 OE numbers and a varied selection of fan components (e.g. motor and fan blade). Highly competitive prices.



## Improved Resistance to Mechanical Damage and Wear

Only high-quality plastics, no recycled plastic mixtures.

## Smooth Operation of the Electrical Motor

High-quality electric motor armature ensuring reliable operation of the motor and strong protection against destructive current peaks and overvoltage.

## Corrosion Protection

Special, anti-corrosive treatment of the motor cover according to the strict REACH regulation to avoid any electromagnetic disturbance to other electronic elements.

## Trouble-free Operation

A special material mixture applied to the carbon brushes developed by Nissens ensuring excellent reliability and supreme overvoltage protection.

## Trouble-free Installation

High-quality wirings and electrical connections enabling a smooth installation.

# Receiver Dryer / Accumulator

## AC loop protection

PROGRAM FOR  
CARS  
VANS  
TRUCKS

### Important to know

- The receiver dryer/accumulator must be replaced every two years or whenever the circuit has been opened.
- The inside filtering and desiccant layers can be worn out, after a long period, and cause the receiver dryer to lose its ability to properly filter the refrigerant and oil.
- The receiver dryer condition is crucial for the compressor vitality - a high level of moisture in the AC system can cause corrosion and reduce compressor lubrication significantly. Unfiltered particles, debris, metal chips etc. flowing in the loop are the main causes for the compressor to fail and in worst case to seize up.
- Too much oil in the system reduces the dryer ability to filter the system properly – desiccant gets too oily.

The receiver dryer is a filtering unit located on the high-pressure side of the AC loop between the condenser and the expansion valve. The role of the receiver is to filter particles and debris flowing in the circuit as well as to absorb any moisture. Furthermore, it also stores oil and refrigerant.

The accumulator is a similar filtering device but applied only in vehicles with orifice tube as an expansion device. The accumulator is located on the system low-pressure side and besides the filtering and the lubricant/refrigerant storing function as in the receiver dryer, it also ensures that no liquid form of the refrigerant gets into the compressor.

### Wide Product Range

Nissens' receiver dryer (and accumulator) range covers the market's most popular applications within cars, vans and trucks: +270 items covering more than 1,120 OE numbers.

### Perfect Transportation and Storage Protection

All Nissens receiver dryers and accumulators are thoroughly packed to avoid any transportation damage. Furthermore, to ensure the product usability after an extended period of storage, all inlets and outlets are protected by means of special caps that prevent any impurities and moisture to enter the receiver dryer.

### OE Matching Quality

Designed, manufactured and tested to match the quality of OE products.

# Evaporator

## Cabin heat exchanger producing cold air

PROGRAM FOR  
CARS  
VANS  
TRUCKS

A heat exchanger in the low-pressure side of the AC system, installed between the expansion valve and the compressor. Typically, located in a HVAC (Heat-Ventilation-Air-Conditioning) module behind the vehicle dashboard.

The evaporator ensures the refrigerant to evaporate, thus change its state from a liquid to a gaseous form. Ambient air blown on the evaporator's surface enables the evaporation process inside, and during the transition process of the refrigerant's state, the blown air flowing through the evaporator's surface turns cold and can be directed into the vehicle cabin.

Furthermore, the evaporator dehumidifies the intake air, which is of high importance for the system's ability to demist the vehicle panes.

### Reliability & Performance

Test-proven, long-life and reliable operation.

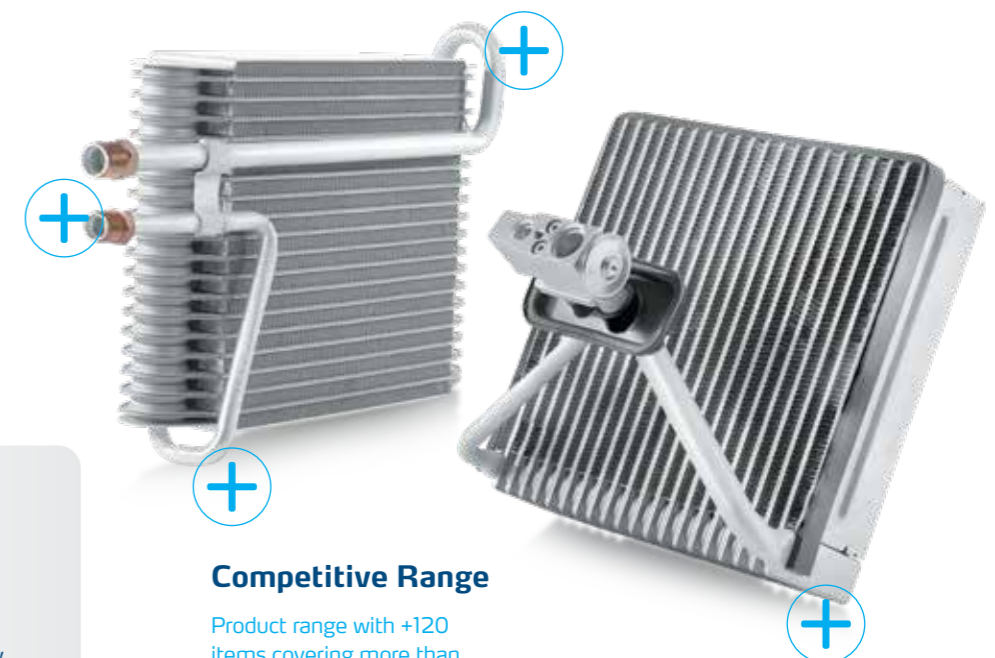
### Important to know

- A nonperforming interior blower disables the evaporator's functionality and may lead to serious damage to the compressor.
- Clogged or worn out cabin air filter, as well as a soiled, contaminated evaporator surface will limit the evaporator's operation ability significantly.
- Internal contaminated and clogged or mechanically damaged or corroded evaporator cannot be repaired and must always be replaced. A new expansion device must follow the new evaporator installation



### OE Matching Quality

Designed, manufactured and tested to match the quality of OE products.



### Competitive Range

Product range with +120 items covering more than 480 OE numbers.

### Easy Installation

Perfect finish thus easy fit, turns the installation of Nissens' evaporator into a smooth process. The part fits ideally to the HVAC's / mounting cassette.

# Heater

## Warm air production and safety by demisting the panes

The heater is an integral part of the engine cooling system. However, it contributes significantly to the climate system ensuring the production of warm air. The heater is often located behind the dashboard or in the HVAC module.

Hot coolant from the engine block passes through the heater, warming up the intake air blown on its surface by the interior blower. The air gets warmer and can be forwarded into the car cabin.

As heater produces warm air during cold days in autumn and winter, it significantly improves safety by shortening the demisting of the vehicle's panes.



### Important to know

- Scale that precipitates from water applied instead of a proper coolant may block the heater core limiting the coolant flow. Sediment and grime from poor quality coolants, wrong coolant mixtures or residues of cooling system leak stops will also accumulate in the heater tubes limiting flow thus operation.
- Worn-out or broken thermostat valve may cause a restricted coolant flow thus preventing the heater to operate properly.
- Due to its position in a damp environment, the heater is often exposed to corrosion which may cause leakages.
- Lack of coolant caused by leakages (in other components as well) will result in improper heater operation.

### OE Matching Quality

All Nissens' heaters are designed, manufactured and tested to match OE product quality. The heater development process includes a number of life tests, examined and tested by means of vibration, pressure impulse, thermal expansion, corrosion and bursting eliminating the risk of leakage, insufficient heating performance or quality problems such as odours or oil residues etc.

### Easy Installation

Nissens' heaters are thoroughly finished in every detail. They fit smoothly into the mounting cassette in the dashboard/ HVAC module, thus ensuring a smooth and quick installation. If required, selected heater models are equipped with additional connections and extra foam rubber.

### Competitive Range

Product range with +380 items covering more than 1,130 OE numbers for cars, vans and trucks applications.



PROGRAM FOR  
CARS  
VANS  
TRUCKS

### Optimized Airflow

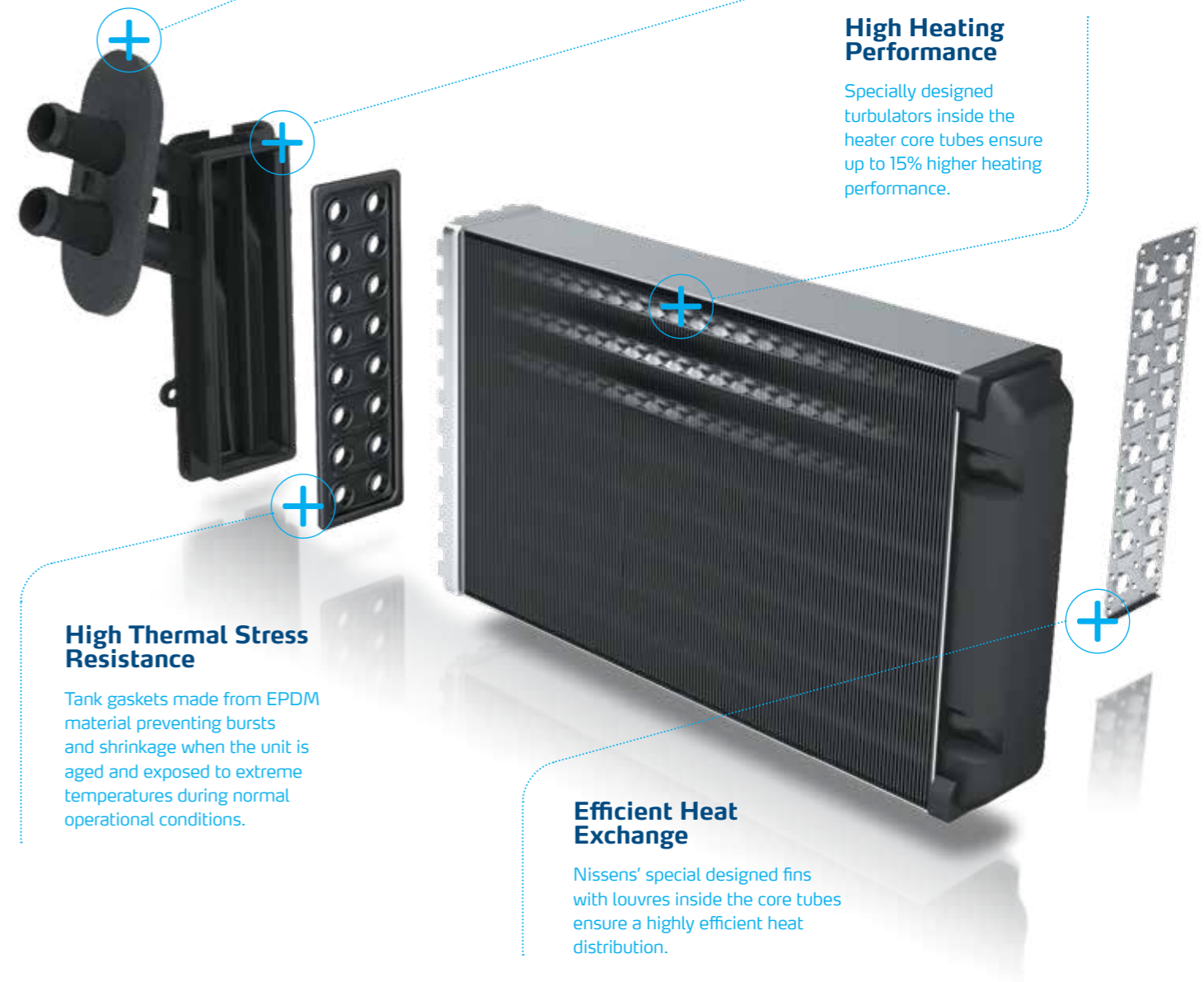
Extra foam added on selected heater models to ensure an optimized airflow.

### Better Mechanical and Thermal Stress Resistance

Tanks made of high-quality plastics, no recycled plastic mixtures applied, to ensure strong mechanical and thermal stress resistance.

### High Heating Performance

Specially designed turbulators inside the heater core tubes ensure up to 15% higher heating performance.



### High Thermal Stress Resistance

Tank gaskets made from EPDM material preventing bursts and shrinkage when the unit is aged and exposed to extreme temperatures during normal operational conditions.

### Efficient Heat Exchange

Nissens' special designed fins with louvres inside the core tubes ensure a highly efficient heat distribution.

# Thermal Expansion Valve (TXV)

## Proper working parameters of the AC system



### Role & Operation

The Thermal Expansion Valve (TXV) is one of the major control components of the AC loop. It's a precise metering device that controls the amount of refrigerant released into the evaporator.

The TXV separates the high-pressure and low-pressure sides of the AC loop. It is preset to maintain the superheat condition within the evaporator and, by this, to ensure the system's most optimal operation and output matching the needs for cold air production.



### Important to know

- The TXV valve's malfunction leads to the AC system's worsened performance, and exposes the AC compressor to abnormal load, thus premature, severe failures such as overheating, seizure and slugging.
- Getting stuck in an open or closed position is one of the most common TXV failures. It disables the required refrigerant flow control and pushes the system parameters out of balance. System inner contamination is the major culprit leading to valve blockages.
- It is highly recommended to replace the TXV valve with the AC compressor's replacement. A thorough and effective AC system flushing procedure must always precede the TXV and/or the AC compressor's replacement.

## EXPERIENCE THE DIFFERENCE:



### Competitive offering

Nissens' Expansion Valves offering has been developed to match the aftermarket needs and, along with the attractive product selection and wide applications coverage, related tools and concepts including technical training are offered by us to help grow your AC business.



### All that you need from your AC Specialist

Our aim is to supply the market with a holistic product selection within the AC category, enabling reliable performance of the climate comfort system and first-time-right installation of its critical component, i.e., the AC compressor. The TXV range from Nissens joins our well-established collection of AC parts: compressors, condensers, receiver-dryers, evaporators and fans.



### Genuine Nissens Quality - precision in every detail

Nissens Expansion Valves are developed according to our renowned, high-quality standards, which include a comprehensive test and validation series. These cover, among others, strict control of the valve's pressure performance, tightness, opening and set-point setting, as well as its precise inner elements' finish and cleanliness.

O-rings included in the product box; mounting bolts included when applicable



**Quick & Proper Installation**  
First Fit Product



Program Highlights

**+80**

Product range

**+370**

OE applications covered



**Valve Technology**  
Block type



**Program Scope**  
Passenger Cars  
Light Vans  
Trucks



### Precise, optimal operation

The power (sensing) element is the most important component in the Expansion Valve. Our specially designed charge formula ensures the valve's optimal operation for specific system needs in the given vehicle application.



### Proper setting for operation stability

Our valve's output pressure and opening characteristics are thoroughly tested and appropriately adjusted to ensure the valve's stable and appropriate function within the common range of the refrigerant temperatures and pressures that occur during the AC cycle.

### Perfectly tight, clean and fitting

Inner tightness and cleanliness are among the crucial qualities of our Expansion Valves, along with the fitment and durability provision. We make sure each Nissens Expansion Valve is a perfect and safe replacement product.

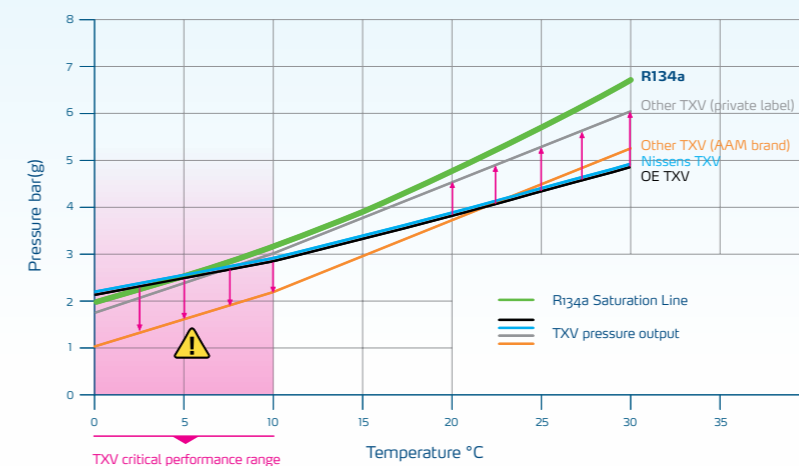


### Safe and reliable system performance

Advanced performance tests have proven, Nissens Expansion Valve is a safe, perfectly finished product designed to maintain the required refrigerant parameters (superheat), and thus the AC system's optimal thermal performance and proper balance. Furthermore, it ensures safe operation and long life span of the AC compressor, preventing it from slugging or failures related to lubrication and overheating.

### TXV Sensing Element's Behavior Test, Pressure Output vs Temperature

A back-to-back test of sensing element's behavior was performed to build comparison of the outlet pressure performance generated by opening set points of various TXV brands. Nissens' item number #999222 was used for the test, along with the OE and other AAM equivalents.



### The Test Conclusions

**Nissens TXV's opening behavior** is based on a proper sensing element charge, and thus an appropriate set-point configuration that matches the OE unit and the system-specific requirements for the refrigerant parameters.

**Significant deviations in the sensing element's behavior, and thus opening setting of the other tested TXV brands.** The other tested valves' setting does not follow the OE valve's characteristics across various temperatures and considerably differs in the critical performance range (i.e. below 10°C).

The notable, large deviations from the OE pattern may lead to a significant reduction of the system thermal efficiency, and thus provoke severe failures of the AC compressor (e.g. slugging, lubricant dilution, overheating). Furthermore, the large deviations and different from OE behavior, reveal an improper charge technology applied for the sensing element at the other brand's valves.

# Pressure sensors

## Support for proper working parameters of the AC system

### Role & Operation

Sensors facilitate the maintenance of proper parameters within the thermal systems, e.g. monitoring and controlling the pressure of the refrigerant in the AC system.

Since the proper parameters of the medium are crucial for the entire system's operation, the role of the sensor is critical. It enables the vehicle and its systems to operate correctly. Furthermore, the sensor's vitality is essential for the longevity of other advanced components in the system. For example, the proper functioning of the AC compressor or the AC fan relies on the correct operation of the sensor.

### Important to know

- The sensor's malfunction leads to the AC system's worsened performance and exposes the AC compressor and the AC fan to improper starting thus to a quicker wear.
- The sensor measures the pressure in a specific spot in the AC loop. The readout value is used by the control unit (HVAC, Body control unit, or Engine control unit):
  - to switch the compressor clutch (on/off) or to control a variable compressor,
  - to switch additional cooling fans.

### EXPERIENCE THE DIFFERENCE:



#### High car park coverage

Initial range to cover the most popular applications with an ongoing development and introduction of new parts.



#### One-stop Shopping

Our aim is to supply the market with a holistic product selection within the AC category, enabling reliable performance of the climate comfort system and a first-time-right installation of its critical component, i.e., the AC compressor.

The sensor range from Nissens joins our well-established collection of AC parts: compressors, condensers, receiver-dryers, evaporators, fans and thermal expansion valves.

Stock Availability - Winter 2022



#### Easy Installation with First-Fit parts

All that is needed for a proper installation included in the product box (when applicable).



O-RINGS (PRE-MOUNTED)



#### Reliable Operation

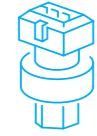
Nissens' sensors undergo a comprehensive test series, including: performance, insulation resistance, connections, and interface fitment tests.

NISSENS **SENSORS**<sup>+</sup>

Program Highlights

+40

Initial range of item numbers at launch



**Types of sensors**  
Pressure



**Program Scope**  
Passenger Cars  
Light Vans  
Trucks



#### High Durability

To secure long, trouble-free operation, besides complete functional testing, we examine our sensors in terms of pressure and burst resistance.

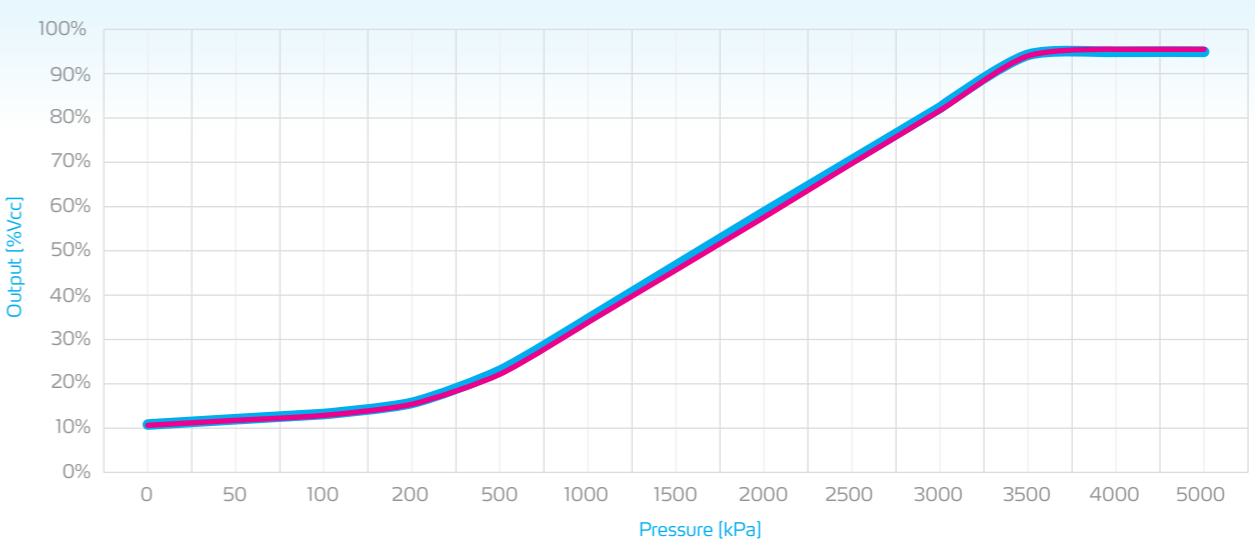


### Genuine Nissens Quality - precision in every detail

The sensor's role is critical for the proper functioning of various systems and a trouble-free operation of other essential system components.

Nissens' Genuine Quality standards are applied throughout all of the development, manufacturing, and testing processes to secure the most optimal and proper operation of the sensor, and its long lifespan.

### Nissens' Sensor Performance Test



CLIMATE  
COMFORT  
SYSTEM



## **Genuine Nissens Quality**

Developed and tested for  
high performance and durability

**Nissens**  
DELIVERING THE DIFFERENCE

# Effective Business Solutions

No matter which step of your journey with the premium Nissens product program you are at, we are ready to guide you to commercial success.

Take advantage of our wide offer of effective business tools created and based on a century-long experience in the aftermarket.

We're a solid business partner and **the aftermarket-dedicated manufacturer** conforming to the highest standards.



- Genuine Nissens Quality
- REACH regulations
- MVBER Block Exemption Regulation (European GVO)
- RTR Right to Repair
- IATF 16949
- ISO 14001
- CLEPA & FIGIEFA

DELIVERING  
THE DIFFERENCE

FROM THE CHOICE OF THE PREMIUM BRAND

TO YOUR COMMERCIAL SUCCESS

## 01 | PRODUCT SELECTION



### NISSENS' CUSTOMER PORTAL

Intuitive, accurate product selection and purchase in our efficient Customer Portal solution

- Detailed technical product data, including OE numbers, AAM alternative product numbers, etc.
- High-quality and detailed technical drawings with various useful dimensions
- High-quality color pictures
- Close-up pictures of the electrical connections (if applicable)
- Rotating 360° pictures
- Installation videos (for the most demanding installations and for popular blower models)

[customerportal.nissens.com](http://customerportal.nissens.com)



### MASTER DATA

We share high-quality, complete, up-to-date master data that conforms with OE data.

Wide range of online solutions for data integration.

### KNOWN INDUSTRY PLATFORMS

Nissens' entire product range data is available on the professional cataloguing industry platforms TecDoc/ TecCom, and Nissens is acknowledged as a TecDoc certified data supplier.



### EXCELLENT PACKAGING

Careful protection against transport damage and easy product handling from supply processes to final destination delivery.

- Solid, environmentally friendly cardboard boxes
- Elegant and unified design across all categories
- Easy and unified product identification
- Protective inserts and profiles
- Desiccant bags, protecting the electrical components against moisture
- Tight seals preventing impurities from entering the components

## 03 | LOGISTICS SOLUTIONS



### BUSINESS DEVELOPMENT

Our Business Development Model is a perfect tool to grow your business even more. We offer our partners a valuable review of real sales opportunities per product group for their ongoing development.

- 360-degree outlook on your real potential with a resources priority plan to optimize your sales and profits
- Thorough GAP analysis
- Tailored step-by-step plan for your growth cultivation



### COST-EFFICIENT LOGISTICS

Supreme Product Availability & Efficient Logistical Solutions to develop our Partners' Business

We offer fully tailored logistics solutions such as:

- Supply-chain cost and time optimization
- Highly flexible delivery - orders ranging from one item to entire containers
- Stock management support to ensure high stock rates at season peaks.

## 04 | AFTER-SALES SUPPORT



### KNOWLEDGE SHARING

**Nissens Training Concept** enables you and your customers to understand the system, and all technical aspects of its operation. Furthermore, technical support and technical marketing materials are available to our customers worldwide.

- Advanced technical training academy including train-the-trainer program, onsite and online trainings, e-learning and a LMS system
- Personal technical support and warranty assessment (available for select markets)
- Technical marketing materials for workshops (installation guides, posters etc.)



### PRODUCT TECHNICAL SUPPORT

Easy-to-use webpage for automotive professionals with a library of more than 100 technical assets such as technical stories, installation guides tips, bulletins, and tools dedicated to technicians.

15+ languages supported, great explanatory pictures and videos, Nissens e-learning modules are included.

[nissens.com/support](http://nissens.com/support)



### NISSENS' VIRTUAL SHOWROOM

Visit our virtual showroom to learn all about the recent innovations, line extensions, and important updates within our key product lines.

Scan the QR code or visit [www.nissens.com/showroom](http://www.nissens.com/showroom)

### MEET US TO LEARN MORE

Our dedicated team of experts looks forward to hearing about your specific business needs and the challenges you may face. Together we will choose the most suitable and effective solution for you to grow further. To arrange a meeting with one of Nissens' specialists, visit [www.nissens.com/meet](http://www.nissens.com/meet)



DELIVERING THE DIFFERENCE