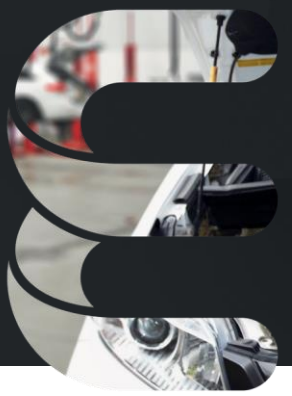
EUROREPAR
BY STELLANTIS

CONDENSER

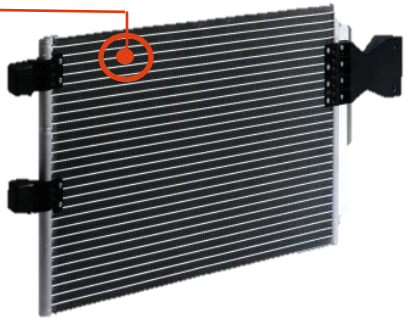
AIR CONDITIONING / COOLING



Latest update: 11/2025

Anti-corrosion treatment

60%
COVERAGE RATE



Iso 9001 / Iso 140001

PRODUCT ADVANTAGES

- ***Extension of the range: 49 new references ensuring one of the best coverage rates on the market***
- ***Quality and long service life: enhanced protection against corrosion***
- ***Easy assembly***

With a **range of 178 references**, the Eurorepar range of air-conditioning condensers covers more than **60% of the vehicles on the road in France and Europe.**

The range satisfies **vehicle applications for Stellantis and other brands.**

Temperature regulation in the passenger compartment is an indirect safety element enabling motorists to drive in optimum conditions of comfort. The condenser is one of the **essential components** contributing to the correct operation of the vehicle's air conditioning system.

That is why Eurorepar guarantees the best possible quality of its range of condensers made from **aluminium.**

TECHNICAL CHARACTERISTICS

Located behind the radiator, the condenser enables coolant to be transformed from gaseous state to liquid state. It is a fragile part, comprising thin aluminium tubes, 0.5 to 1.5 mm thick.

- **178 references** covering **11831 vehicle applications** (PSA and non-PSA)
- Eurorepar condensers made from **aluminium** = **a material selected for its cooling characteristics.**
- Additional **anti-corrosion treatment**, validated by means of a **series of corrosion and salt-resistance tests**.

SYMPTOMS OF FAILURE

- Strong smell of fuel in the passenger compartment;
- High humidity levels and presence of condensation on the windows;
- The air-conditioning only works when the engine is running;
- The temperature cannot be adjusted.

CAUSES OF FAILURE

- **Highly exposed due to its position at the very front** of the vehicle, the condenser can be damaged beyond repair by loose chippings or other foreign bodies.
- The **vanes can also become clogged** over time or affected by corrosion.
- Any reduction in air-conditioning effectiveness or any loss of coolant gas should cause **the condition of the condenser to be checked**, with the possibility of it being replaced.

ADDITIONAL SALES

When the air-conditioning circuit is open to the air, the **drier filter must be changed, the air-conditioning oil must be topped up** and **the seals must be replaced**.

WWW.EUROREPAR.COM

Our parts are guaranteed for two years* against any defect in manufacture or material**.
(*) For the Abarth, Alfa Romeo, Chrysler, Citroën, Dodge, DS, Eurorepar Car Service, Fiat, Fiat Pro, Jeep, Lancia, Opel, Peugeot, Ram and Vauxhall repair networks: the warranty is for parts AND labour for two years.
(**) For the applicable conditions, ask your distributor.

PERFORMANCE

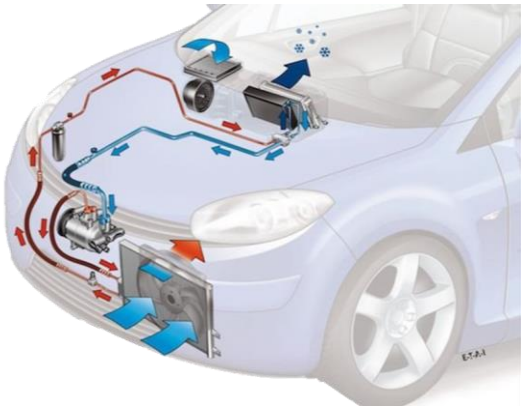
The vehicle air-conditioning system comprises different elements which contribute to the **general operation of the air-conditioning.**

It is therefore essential that each element performs correctly. That is why Eurorepar guarantees the best possible quality of its range of condensers made from **aluminium, a material selected for its cooling characteristics.**



THE ROLE OF THE CONDENSER

Fitted at the front of the vehicle behind the radiator and connected to a fan, the condenser enables coolant to be transformed from gaseous state to liquid state.
It consists of a network of vanes through which the coolant gas circulates under pressure injected by the air-conditioning compressor. Thanks to the ventilation, the gas is cooled by the condenser and changes to liquid state in order to supply the expansion device / evaporator which in turn transforms the liquid into a gas, generating the desired cool air.
The condenser is therefore a key element of the air-conditioning circuit.



WHY SERVICE THE AIR-CONDITIONING SYSTEM?

Poor cooling generates excessive pressure and over-pressurisation in the circuit, leading to **faults and adverse effects**:

- Accessory belt slipping;
- Short-circuit;
- Leaks;
- Premature wear of the compressor;
- Unpleasant smells;
- Insufficient demisting of the windscreen;
- High fuel consumption.

REMEMBER

Correct servicing of the air-conditioning also means changing the **passenger compartment filter**.
A clogged filter increases the presence of unpleasant smells, reduces the quantity of fresh air entering the passenger compartment, increases the formation
of condensation on the windscreen and slows demisting.

