

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 in full accordance to requirements for OE products. 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).

IAM's bestseller

Very competitive product range covering +97% of the European vehicle fleet, +1,100 models in range, +75 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 what is needed for a proper installation included in the product box.



Perfect Fitting

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