

Delphi Condensers

As a key component of the vehicle air conditioning (AC) system, Delphi Condensers are high efficiency, compact aluminum heat exchangers. Delphi offers customers design flexibility through a wide variety of condenser technologies. Our focus is to develop more efficient condensers to provide optimum performance for the vehicle AC system.

All Delphi Condensers are available with an integrated receiver drier, which provides stable system performance while offering compactness, less weight and cost savings. Delphi's integrated receiver drier can also include a filter which keeps the AC system clear from debris or impurities.

Delphi's portfolio includes a wide range of condenser constructions, from cost effective designs for baseline applications to lightweight compact high performance designs for premium segments. With a global engineering and manufacturing footprint, Delphi can provide design assistance and on-time delivery to vehicle manufacturers worldwide.

▶ Benefits

- Design flexibility
- Adaptable to many vehicle applications
- Efficient and cost-effective
- Lightweight and recyclable
- High thermal performance
- Low air-side resistance

▶ Typical Applications

Delphi Condensers are suited for a complete range of vehicle AC systems, including passenger vehicles and light-duty trucks. Customized designs can help meet various vehicle AC heat transfer and pressure drop requirements based on customer requirements.

▶ Performance Advantages

As a specialist in AC systems as well as vehicle integration, Delphi can evaluate a condenser's performance as a separate unit or as part of a vehicle's AC system. Delphi performs vibration, burst, corrosion, and pressure cycle tests, as well as thermal and hydrodynamic tests to help ensure each condenser meets specified performance standards.



Delphi Condenser