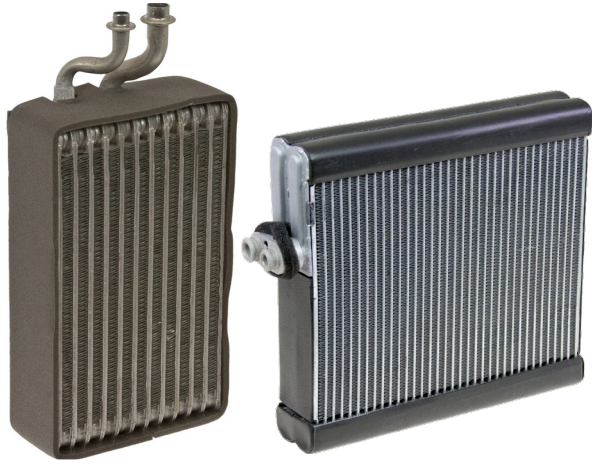


# Evaporators



## Features & Benefits

- Designed to meet/exceed OE fit, form and function
- Durability tested on every new design
- 100% Leak tested
- Direct fit replacement

### Top Selling Evaporators

Part	Application
4712010	2007–2019 Chevrolet Tahoe
4712143	2012–2014 Dodge Caravan
4712014	2009–2011 Dodge Ram Pickup
4712108	2012–2018 Dodge Ram Pickup
4711308	1997–2014 Ford E-Series Econoline
4712009	2009–2016 Ford Expedition
4712089	2011–2016 Ford F-Series Super Duty
4711290	1997–2001 Jeep Cherokee
4712059	2009–2014 Nissan Maxima
4711816	2007–2017 Toyota Camry

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The evaporator is designed to remove heat and moisture from the air inside of the vehicle. Low pressure refrigerant enters the evaporator. The blower motor will blow the hot air from inside the vehicle through the evaporator fins. The refrigerant entering the evaporator will absorb the heat coming from the air inside of the vehicle as it touches the fins. At this time the refrigerant changes state from a liquid to a gas. The heated refrigerant will then travel through a hose to the compressor, where the refrigerant is pumped into the condenser. Here, it releases the heat absorbed in the cabin, where it turns back into a liquid and repeats the cycle again.

Some vehicles have “rear air”, a rear air conditioning system. Vehicles with rear air have a second HVAC unit that includes an evaporator, blower motor, heater core, actuators, and rear expansion device. The compressor in the front system pumps refrigerant through a series of lines to the rear system as does the engine with coolant for the rear heater core. Failures in either system may cause damage to both.

#### Replacing Parts in Rear Air Systems

- Vehicles with rear air may require additional oil. Excess oil will damage the system. Always refer to the manufacturer’s specifications for correct charge.
- Vehicles with rear air may require a rear evaporator, heater core, blower motor, resistor, expansion device, mode door, and/or blend door actuator. Be sure to identify the front vs. rear component. They do not always interchange.