

How Air Conditioning Refrigerant Functions

airconditioningrepairalbuquerque.net/how-air-conditioning-refrigerant-functions/

Russell Craig

We understand that most Albuquerque home owners are not knowledgeable about the technological information about how their air conditioning systems runs. That is fine, for it is an extremely intricate piece of equipment and one that we have our team do lots of training to end up being a specialist that can repair and install them. Due to the general absence of understanding regarding air conditioning units and [proper maintenance](#) for them, there are a great deal of misconceptions about exactly how they function. Among the biggest myths is relating to just how the refrigerant works, which is just what this short article will have to do with.

AC Refrigerant is Not a Fuel Source

Putting refrigerant in an air conditioning system is not similar to adding fuel to a vehicle. Homeowners commonly mistake the chemical refrigerant that travels via an air conditioner as something it should consume in order to function, just like a vehicle or truck. This is not the case. AC refrigerant is not used up and have an exhaust by-product in the cooling process. Rather, the refrigerant plays a crucial role in executing the [heat transfer](#) process. It is not consumed. It is actually an actually amazing chemical procedure that it goes through, for the refrigerant alters from a fluid to a gas and back again, as it proceeds that pattern continuously. The refrigerant should last forever inside the air conditioner in normal situations.

If you have heard of an AC repair professional speaking about the air conditioner losing some of its charge, that is the term utilized with having not nearly enough refrigerant in the system. The only time this will take place is if there is a leak along the refrigerant line. Once again, let's check out the example of a car with a half of tank of gas. The vehicle will certainly still run fine, but the AC system will certainly not, for the refrigerant is not a fuel source. The AC will certainly begin losing its capability to cool down as it is developed to do, and it may start to hurt parts inside the air conditioner as well. One example is the compressor could burn out, which would certainly be a major expenditure of an AC repair.

Signs Albuquerque NM residents can be cautious of are any [declines in the cooling power](#) of the system, ice developing along the evaporator coil, or listening to any hissing noises from the system. Give us a call to take a look. The quicker you do so, the faster we could help avoid the cost of a major Albuquerque air conditioning repair. If the concern is needing some more refrigerant, our technicians will seal the leak quick and ensure to put in the correct level of refrigerant your air conditioner was made to have.

[Edit this page](#)

