

How AC Refrigerant Works

airconditioningrepairclearwaterflorida.com/how-ac-refrigerant-works/

Russell Craig

We understand that most Clearwater house owners are not aware of the technological information regarding just how their air conditioning systems works. That is all right, for it is a really intricate piece of equipment and one that we have our personnel do years of training to become a specialist that can repair and install them. Because of the basic absence of knowledge regarding air conditioning units and [correct care](#) for them, there are a great deal of misconceptions concerning how they function. One of the biggest myths is regarding exactly 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. Individuals generally mistake the chemical refrigerant that travels in an air conditioner as something it must consume To be able to operate, much like a car or truck. This is not the situation. AC refrigerant is not consumed and have an exhaust by-product in the cooling procedure. Rather, the refrigerant plays a vital function in doing the [heat transfer](#) process. It is not used up. It is in fact an actually cool chemical process that it undergoes, for the refrigerant alters from a fluid to a gas and back once more, as it proceeds that pattern constantly. The refrigerant level ought to last consistently in the air conditioner in regular situations.

If you have become aware of an AC repair service technician speaking about the air conditioner losing some of its charge, that is the word 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. Again, let's check out the analogy of a vehicle with a half of tank of gas. The car will still run okay, but the AC unit will not, for the refrigerant is not a fuel source. The AC will certainly begin losing its capacity to cool down as it is created to do, and it may begin to damage components inside the air conditioner too. One example is the compressor can burn out, which would certainly be a significant cost of an AC repair.

Indicators Clearwater FL property owners can be mindful of are any kind of [reductions in the cooling power](#) of the system, ice developing along the evaporator coil, or listening to any hissing sounds from the system. Call us to look at it. The sooner you do so, the sooner we could aid prevent the price of a major Clearwater air conditioning repair. If the concern is needing some more refrigerant, our specialists will secure the leak quickly and make sure to add the appropriate amount of refrigerant your air conditioner was developed to have.

[Edit this page](#)

