

U.S. ALUMACOIL™

Evaporator Coils and Air Handlers

A vital component of your home's central heating and cooling system is the evaporator coil and (depending on your system) the air handler. While you may never have seen either component, without them your home's central air conditioner or heat pump would not provide adequate levels of comfort.



Air Handler



Evaporator Coil

U.S. ALUMACOIL™ evaporator coil features and benefits:

- All-Aluminum tube and fin construction is a time-tested, durable, and proven efficient heat transfer composition.
- Grooved aluminum tubing offers increased surface area for refrigerant heat transfer performance and helps to create increased efficiency.
- All evaporator coils are helium pressure-tested during construction which helps to detect even a very small leak that could cause problems after installation.
- After passing initial quality control standards each evaporator coil receives a pressure test and final leak 'sniff' test by 'hound dog' vacuum testing.
- Thick-walled aluminum tubing provides superb strength.



Reliable, Hardworking Performance for Enhanced Indoor Comfort



Additional Information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.



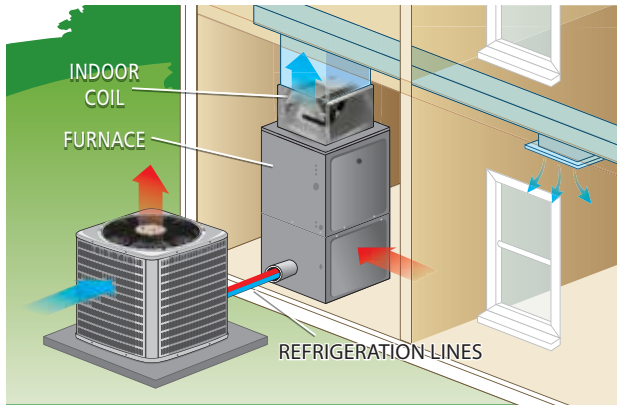
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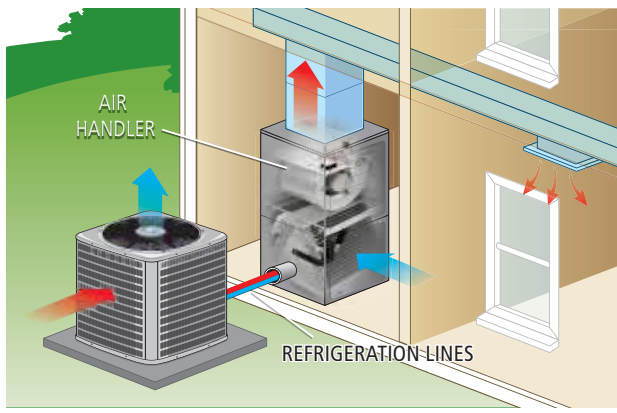
What is the function of an evaporator coil?

Simply stated, when humid indoor air passes over a cold evaporator coil, moisture from the air condenses and is removed. Air conditioned comfort is created as the less humid air is sent to the living areas in your home.



Air Conditioner or Heat Pump in Cooling Mode

In a heat pump system, in cooling mode, the coil functions just like an air conditioner. Switching to heating mode, cool indoor air passes over a warm indoor coil to provide toasty indoor comfort in your home.



Heat Pump in Heating Mode

Why Aluminum?

U.S. ALUMACOIL™ uses an All-Aluminum design for the evaporator coils found in central heating and cooling systems. An All-Aluminum evaporator coil is constructed of aluminum tubing, fins and panels to create a single metal solution that delivers time-tested performance properties resulting in enhanced home comfort. All-Aluminum evaporator coils are designed to provide long lasting reliability too.

Designed for flexibility

All U.S. ALUMACOIL evaporator coils and air handlers are designed to work with a variety of central heating and cooling systems. Whether you are replacing just the evaporator coil, only the air handler or the entire heating and cooling system, U.S. ALUMACOIL products offer outstanding flexibility regardless of the type of system that is currently installed in your home.



In a central air conditioning system the evaporator coil is installed near the gas furnace. Air handlers work in conjunction with a heat pump to provide year round comfort. You'll find an evaporator coil inside the air handler along with other essential components.