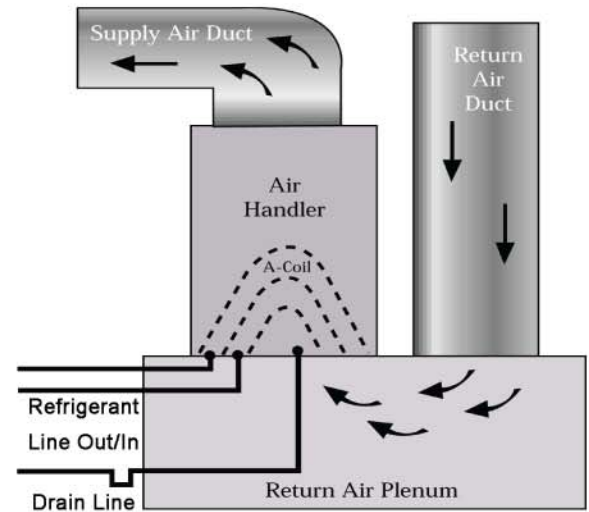


Distributing Comfort with an Air Handler

with EarthLinked® Systems



How it operates

One means of distributing the comfort provided by an EarthLinked® system is through the circulation of air over the coils in an air handler which is a heat exchanger with a fan. It uses the heated or cooled refrigerant that is supplied by the EarthLinked system to heat or cool the air that passes over the coils, much in the same manner as your refrigerator operates.

Efficiency and comfort

The EarthLinked system uses constantly renewable thermal energy from the earth and does it in the most direct method possible. This proprietary method increases system performance, increases the use of renewable energy and increases comfort. Using an EarthLinked system means your home or office can be free of hot or cold blasts of air that are often associated with a furnace and standard air conditioning.

The system uses the constantly favorable temperature of the earth to deliver more comfort than is possible with an air source heat pump that must depend upon the constantly changing outside ambient air as the heat source. Because the EarthLinked system delivers more warmth to the air handler in winter and greater cooling in the summer than an air source heat pump, the conditioned temperature inside the building is more comfortable.

Indoor air quality

Greater air filtration results from the longer run cycles of an EarthLinked system when compared to other space heating methods. The lower indoor coil temperature of an EarthLinked system delivers a reduced humidity level as compared to an air source system. Lower humidity means higher comfort. The system also improves indoor air quality by eliminating the on-site combustion of fuels in furnaces with their by-products, which include carbon monoxide and unpleasant odors.



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