

Cleaning of coils on HVAC & Refrigeration systems

HVAC & Refrigeration system coils should be cleaned with a non-corrosive coil-specific chemical cleaner and pressure washer every year.

Clean coils reduces stress and strain on the equipment and allows it to run more efficiently.

**Dirty coils can reduce cooling capacity by 25-30%.
This would be like replacing your 4-ton system with a 3-ton system.**

Four Reasons You Need to Clean Your Coils

The **NUMBER ONE** cause of compressor failure is overheating due to dirty coils.

Reason 1 - Energy Consumption

Dirty coils don't transfer heat effectively. For a dirty system to perform as designed, it must run longer and work harder.

More energy is used and there is more stress on the equipment which can lead to a breakdown.

Coil cleaning will save you in energy costs, repairs and down time.



Reason 2 - Increase the Life Span of Systems

Even with a good filter, coils need annual cleaning. Kitchen exhaust, fan grease, pollen, cottonwood and other physical pollution stick to the HVAC system's condenser and evaporator coils. This puts strain on your equipment and can lead to premature mechanical failure. Regular cleaning is the best and logical plan to protect your equipment.

Fine particles of dust and pollution stick like glue deep inside your coils preventing the system from expelling heat.



Reason 3 - Health Reasons (bird droppings)

Bird droppings at your fresh air intake are a health risk. As well, the droppings cause corrosion which leads to expensive leaks and other damage.



Bird Droppings Corrode Pipes



Feathers Restrict Airflow

Reason 4 - Outdoor Temperature

Around the world temperatures are going up.

Wednesday, July 29, 2009 was the hottest day ever recorded in Vancouver, according to CBC meteorologist Claire Martin.

If you want your A/C systems to keep up to demand, our annual Coil Cleaning program will benefit you.



Rising Temperatures

Consider this: A single compressor failure (due to dirty coils) = Coil cleaning on four roof top units for 7.5 years

Call us now and speak with our Maintenance Coordinator!

Our Maintenance Coordinator is more than happy to help schedule a cleaning or to arrange a meeting to discuss adding this service to your maintenance.

Call Us Today To Add This Service!

604.437.4012