

# How To Clean Air Conditioner Coils

Take the fight to dirty coils for a safe and efficient HVAC system.

## Because Dirty Coils Won't Come to You

When dirt and grime coats your air conditioner's coils it's forced to work harder, and it costs more to run. Studies show efficiency gains of 16% simply from coil cleaning. But coils have to be cleaned properly or they can be permanently damaged. Even worse, dangerous bacteria can multiply in a poorly maintained system, posing health risks like asthma, nausea and more. Air conditioners aren't always designed for maintenance -- air handler coils are notoriously difficult to access, and condenser coils can be hundreds of yards from a power and water supply. But with the right tools, you can maintain a safe, efficient system no matter where your coils are.



### >BETTER SAFE THAN SORRY

#### MOLD, MILDEW AND DIRTY SOCK ODOR? NOT ON YOUR WATCH

CoilShine BC inhibits the growth of disease-causing bacteria, fungi, mold and mildew. EPA-registered and safe for all HVAC system components.



#### KEEP THE LINES OPEN

PanCare biocide tablets prevent slime from building up in drain pans and condensate lines for up to 3 months. No unexpected blockages or surprise flooding.



#### PROTECT YOUR FINS

The thin aluminum fins maximize heat exchange. Blast them with too much pressure, and they're ruined. The CC-140 CoilPro keeps pressure in the ideal range, below 140 psi for most applications.



## CLEANING AIR HANDLER COILS

- Shut down the system.
- Find the air handlers and get good access to the coils. Install removable panels, if needed.
- Vacuum coils and fins to remove dry debris. The 2-speed CoilVac, designed for tight spaces, works as both a vacuum and blower to reach dust and dirt on every surface.
- Be sure the condensate pan and line are free from blockage before you start wet cleaning.
- High pressure cleaning equipment can damage delicate fins, and high flow units can overwhelm drain pans. An ideal system delivers around 125 psi and 1/2 gallon/minute, like the CoilPro CC-JR.
- Spray on non-caustic, non-fuming CoilShine and let it sit for 3-5 minutes. The thick foam clings to the coils, allowing the chemical important "dwell time" to loosen sticky biofilm deposits.
- Rinse, and repeat if necessary.
- Treat coil and plenum with an EPA-registered mold inhibitor like CoilShine BC to inhibit dangerous bacterial and mold growth.
- Clean the condensate pan and drain line. Use drain pan biocide tablets to minimize the risk of future blockage and flooding.
- Restart the system.

## CLEANING CONDENSER COILS

- Shut off the unit.
- Establish access to water and power. The CC-140 is a self-contained, wheel-in source of power, water and detergent.
- Avoid high pressure cleaning systems which can damage fins.
- Apply a non-caustic cleaner that will cling to the coils, and let it sit for a few minutes to penetrate sticky residue.
- Flush coils with water, working opposite the airflow to push dirt out the way it came in.
- Power up the unit.