

How's Your Technique?

Tips for Safe, Effective Coil Cleaning

Did you know that it's possible to do as much harm as good when cleaning coils? Without a doubt, it's essential to keep your coils clean. Dirty coils use up to 37% more energy, and a dirty system's cooling capacity can be reduced by as much as 30%. No one wants to head in that direction.

But, ineffective cleaning can actually force dirt farther into the coil bed, rather than flushing it out. And the wrong choice of equipment or chemicals can slowly destroy your perfectly good bed of coils. How's your technique? Follow these tips for safe, effective coil cleaning:

> Fins can bend at about 140 psi ... most pressure washers push a minimum of 600 psi.

> INSPECT COILS REGULARLY. Some seasons are harder on coils than others. Clean them when they show dirt, anywhere from annually to monthly. If you

don't have quick access to the coils, install easy-to-open panels. This will make the job easier and more likely to get done.

> CLEAN COILS EARLY. Start a regular cleaning schedule on new coils, before they are heavily soiled. It's far easier in the long run to perform frequent cleanings than to wait until coils are covered in soil and greasy buildup.

> CLEAN OPPOSITE THE AIR FLOW. Direct your water spray against the direction of air flow through the coil. This pushes the dirt back out the way it came in. Cleaning with the air flow may make your unit visibly cleaner, but that's an illusion – the debris may just be packed deeper into the coils. All of our coil cleaners have special attachments that allow you to flush coils in the correct direction.

> BEWARE OF PRESSURE WASHERS. If something's dirty, the knee-jerk reaction is often, "I'll just use a pressure washer." Well, here's what can happen: The fins on many coils bend at about 140 psi – most pressure washers push out a minimum of 600 psi and some go into the thousands. Imagine what that can do to your fins. Plus, they can't get behind



> ULTRA COMPACT: The battery-powered CoilPro Jr. cleans hard-to-reach air handlers and refrigeration coils.



> CLEAN FROM THE INSIDE OUT: Clean against the airflow to flush dirt back out the way it came in.

the coils to clean in the proper direction. Our coil cleaners are designed to put out enough pressure to clean the coils, but not damage the fins. More isn't always better.

> TURN DOWN THE VOLUME. When you're cleaning coils outdoors, you can deal with lots of water volume. However, cleaning indoors with a high water volume can overwhelm the condensate pan and drain line. Our equipment flushes coils thoroughly, without straining drainage capacity.

> AVOID CAUSTIC CLEANERS. The chemical reaction between an acidic cleaner and your coils can harm its surfaces, causing metal loss. Goodway's CoilShine is a non-caustic, non-fuming detergent specifically formulated for use with the CoilPro. It's an expanding foam, so it clings to the surface of your fins, saturating them for that important "dwell time." The foaming action floats dirt and debris out of the coil body so it's easily flushed

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away. And CoilShine is biodegradable, so it can be rinsed safely down the drain.

While some chemicals are advertised as “no rinse,” many professionals believe that all cleaning chemicals should be thoroughly rinsed from the surface to prevent coil damage. And leaving even a little caustic cleaner on the fins can begin to destroy them, crippling your unit’s cooling capacity

>**TRAVEL LIGHT.** Coils are put in the weirdest places: on rooftops and cell phone towers, and in attics, trucks and ships. Water and power could be a hundred yards away. For remote jobs, you’ll want a self-contained unit with built-in water and chemical tanks and a rechargeable battery – no more scrambling for water or power. And self-contained units are great for projects closer to home, too. No tripping over cords or damage from leaky hoses. Choose the CC-100 backpack unit or the super-compact CoilPro Jr. for tight spaces.



>**TOTAL MOBILITY:** Dirty coils won’t come to you, so the CC-140 takes the fight to them. It lets you regulate pressure to clean without overwhelming the drain pan.

>**DON'T FORGET THE CONDENSATE PAN.** Microorganisms just love that warm, wet environment in a condensate pan. Treat the pan between cleanings with a biocide like Goodway’s PanCare. A single tablet kills 99% of disease-causing legionella and salmonella bacteria, and it will control the buildup of slime and harmful bacteria for 3 months.

Questions or concerns? Call us at 1-888-333-7467 or visit Goodway.com. We’re here to help.



>**TRIPLE THREAT:** The CC-600 (left) provides all the power you need to penetrate thick coil beds. The CC-140-KIT (center) combines the power of the CoilPro with the CoilVac HEPA vacuum. The CC-100 backpack system (right) offers extreme portability.

Goodway’s products are 100% guaranteed. Call us at **1-888-333-7467**, or visit us at Goodway.com.

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