

Goodway® Buying Guide

Coil Cleaners

CLEAN HVAC COILS QUICKLY AND EASILY WITH THE MOST EFFECTIVE COIL CLEANING MACHINES.

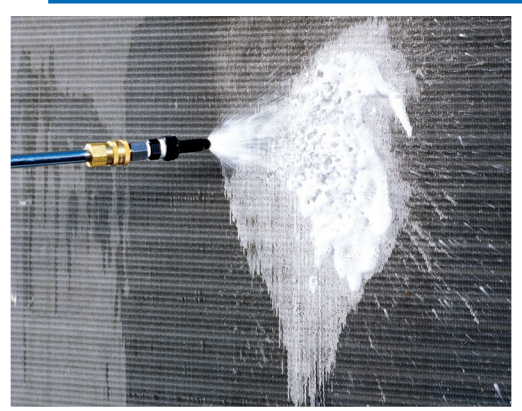
When it comes to HVAC systems, those with the cleanest coils perform best. Maintaining them properly helps sustain maximum operating efficiency and keeps high performance equipment running smoothly. In fact, this is exactly why most manufacturers recommend routine maintenance and inspection of the complete system and its coils to be done annually, at minimum.

It's a fact! The cleaner the coils and other heat transfer surfaces the more effective the system, but you don't need to break your back to see professional results. A combination of the best equipment and the right technique can make improving the efficiency of coils easier than you expected. Here are a few methods that have been commonly used to maintain HVAC coils in commercial facilities.

- 👎 **Garden hoses** - good flow, but limited pressure and can't effectively clean hard-to-reach coils
- 👎 **Aerosols** - little pressure and contains harsh chemicals that are hard on coils and can cause corrosion and damage
- 👎 **Pump sprays** - low pressure and flow and not very effective in penetrating most coils beds
- 👎 **Pressure washers** - use pressure too high that damages sensitive fins
- 👍 **Coil cleaners/washing systems** - specialized system with balanced pressure and water volume that's safe on coils So what's most important to you - is speed a factor? Will you be using a tube cleaner for a single facility or are you a contractor that will be using it for several chillers? To better match your maintenance needs, read the following buying guide and then speak with your Goodway® salesman about our wide selection of rotary tube cleaners.



CC-JR



GOODWAY®

GOODWAY TECHNOLOGIES CORPORATION
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Location, Location, Location

Take a look around you - coils can be found everywhere in commercial and industrial spaces. They are located in units outside, on rooftops above the facility, inside narrow ceilings and even tucked away inside mechanical rooms. The needs of those maintaining indoor coils differs greatly from those maintaining outdoor coils, so caring for them best means considering the unique challenges that come along with their location.

Indoor Coils

In some cases, indoor coils are difficult to clean because they are stationed in hard-to-reach areas and are barely visible. On other occasions, you may be required to clean them in a space being occupied by others. However, in most cases, a portable unit with controlled flow and perfect pressure is required and Goodway's CoilPro® line has several unique coil cleaner systems that were specifically designed for the job.

- **CC-140** - a self-contained, coil cleaning system that can also connect to a ¾" water line for continuous operation
- **CC-JR** - portable, shoulder strapped unit that carries water, chemical and power with it, for cleaning of coils in hard-to-reach places
- **CC-600** - delivers 600 PSI at 1.6 GPM to thoroughly penetrate thick coil beds
- **CC-201T** - Whether you need to clean coils in mini-split systems, PTAC's, or interior air handlers - CC 201T has got your back. It also offers the convenience of a built-in storage tank that holds 8 gallons of water, or you can attach it to a water source for continuous cleaning.

CoilPro® systems can be used in a variety of inside areas to clean coils - from the mechanical room to the board room, but beware. Coil thickness and drainage are very important to take into consideration when selecting the right equipment.

DID YOU KNOW?

AC systems operating with dirty coils can consume up to 37 percent more power and still perform less effectively than clean coils.



CC-140



CC-201T

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Outdoor Coils

Outdoor coils in units stationed on high rooftops are exposed to a broader range of debris from the environment, so lack of proper maintenance could cause them to lose efficiency faster. Outside coils are also generally thicker than inside coils, so they'll need a broader range of solutions with greater power.

Whether the task requires easy-to-carry equipment or continuous water operation, Goodway® offers several unique machines specially designed to make hard-to-reach condenser coils easier to access for more thorough cleaning.

- **CC-100** - is an easy-to-carry backpack coil cleaner that offers siphon chemical injection and includes a portable water tank for up to 5 tons
- **CC-JR** - offers more portability and battery-operated power for smaller rooftop units up to 5 tons
- **CC-400HF** - is a hi flow, medium pressure cleaner designed to clean thick HVAC coils up to 6" deep and includes a 40' sectional wand for reaching in and around tough-to-clean coils.

Is There Water Available?

Depending on where the coils are located, you may have to bring your own water to the job, so finding this out beforehand is very important. When it comes to cleaning in remote locations, on-board water tanks like those offered in our **CoilPro® CC-JR** and **CC-100** models, help get cleaning done quickly. Our **CC-100 HVAC coil cleaner** is designed for this kind of flexibility. With its very own integrated rechargeable battery, 5-gallon tank and chemical injection control, this portable machine is perfect for cleaning outdoor units when no water source is near. For best results, use with CoilShine®.

If water is available, especially if coils are located outside, having more water volume for coil cleaning could help cut cleaning time. Models like the **CC-600** and **CC-400** from Goodway® offer increased pressure and flow to power through coil cleaning tasks quickly.



CC-100

DID YOU KNOW?

Dirty condenser coils reduces energy efficiency by about 60 percent.



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Size Really Does Matter

Another very important factor to consider when cleaning coils is their thickness. Thick coils are usually pretty challenging to clean efficiently. Cleaning them the correct way requires a perfect combination of a higher volume of water and pump pressure to penetrate far enough into thick coil beds to flush out dirt and debris. Goodway's CoilPro® line offers a variety of powerful machines that specialize in cleaning thick coils effectively.

- **CC-400HF** - provides a powerful cleaning experience that combines the perfect amount of pressure and water flow to clean coils up to 6" thick

Power Up!

Knowing if there will be electrical power in an area you will be cleaning coils is equally as important as knowing if there will be water available. Have you thought about how you're going to clean coils in remote areas with no outlets, yet? We have. Goodway's CoilPro® line of unique coil cleaner systems offers several portable, battery powered models for when plugging into an outlet is simply not an option.

- **CC-JR** - has a long lasting deep cycle battery and ergonomic design
- **CC-100** - uses a 12 V rechargeable battery with a smart charger
- **CC-140** - contains a rechargeable battery that powers up to 90 gallons of spray

It pays to have clean coils running in your equipment. Just ask Al Frabotta of Westwood One, a major office park in Westchester County, NY. Frabotta uses Goodway's CC-400HF and as a result, one month of his energy bill came in \$20,000 under budget. "My manager was tickled. He thought there was a mistake on the electric bill."

So what are you waiting for?

Speak with a Goodway® sales engineer right away to find the best coil cleaner to satisfy your cleaning needs.

DID YOU KNOW?

Goodway® offers several effective chemical solutions for cleaning coils. CoilShine-T, is a revolutionary tablet-based system featured in our **CC-600** equipment. CoilShine is a non-acidic, alkaline-based, expanding self advancing solution designed to penetrate coil beds. CoilShine-BC is an EPA registered and ready-to-use solution that controls and inhibits future growth of odor causing bacteria. CoilShine and CoilShine-BC are safe to use in occupied spaces.



CoilShine

DID YOU KNOW?

Our **CC-400HF** blasts dirt and debris from thick coils with **400 PSI** of cleaning power at 3.0 gallons per minute flow rate.



CC-400

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