



Daimmer's All-About Guide to Carpet Cleaners

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Whether you want to resell or brand, Daimer® has a carpet cleaner reseller program for you.

Overview of Carpet cleaners

The Need

In 2008, the carpet cleaning services industry topped \$4 billion in the U.S. alone. The world is a big place -- would you like a piece of the action?

Professional carpet cleaning services require more than a vacuum cleaner, which simply sucks up the top layer dirt and dust from carpets. Carpet cleaners, also known as carpet extractors or carpet shampoos, clean deeper. The machines inject a cleaning solution into a rug, agitate it, and then extract the fluid and dirt. Most carpet cleaners come with attachments, or have options available, that allow them to clean upholstery as well.

The Products

Daimer's XTreme Power® line of carpet cleaners includes more than 20 models with pressure levels that range as high as 500 psi. Many of the machines use a built-in heating element to produce hot water with temperatures of up to 210°F for removing the toughest stains.

Basic Technology

A carpet cleaner is designed to remove deeply embedded dirt and stains in carpets. For optimal results, the machines work as follows: Users pre-treat the carpet by spraying it with a cleaning solution and letting it soak in, or dwell, for about 15 minutes. Then, operators use the carpet cleaner, which pumps water into the carpet and extracts the dirty, soapy fluid with a high-powered vacuum. Some units include components to heat the rinse water, others don't.

Carpet cleaners are sometimes referred to as "steam carpet cleaners," "carpet steam cleaners," or even "steam cleaners." True steam cleaners use dry vapor steam, which is ineffective for general-purpose carpet cleaning. Steam carpet cleaners, on the other hand, heat water to high temperatures for more effective cleaning. (*Read more on differentiating among steam products at <http://www.daimer.com/steam-cleaning-products>.)*

In general, carpet cleaners come in configurations that allow the user to clean with a large wand. "Walk-behind" carpet cleaners offer wide cleaning paths for greater efficiency when cleaning large areas. In addition to carpets, optional attachments for carpet cleaners allow the machines to be used for other soft surfaces, such as upholstery, wall partitions, and curtains.

Here are the Key Components of a Carpet Cleaner:

Pump:

This component generates the pressure that injects the water into the carpet. Pump pressure levels generally range from 60 pounds per square inch (psi) to 500 psi.

Vacuum:

The vacuum in the carpet cleaner extracts dirty water and cleaning solution from the carpet and empties it into an extraction tank. Vacuums are driven by motors that come in a variety of configurations, including: single 2-stage motors, two 3-stage motors, and three 2-stage motors. For optimum performance, choose a motor with at least two stages.

The power of a vacuum motor is commonly measured in airflow (cubic feet per minute, or CFM) and water lift (inches). Airflow refers to the movement of air through the machine and typically ranges from 100 to more than 200 CFM. Water lift measures the suction strength of the vacuum and typically ranges from 100 to more than 250 inches.

Solution Tanks:

These tanks hold the rinse water. Typically, solution tanks range in size from 4.5 gallons to 17 gallons.

Recovery Tanks:

These tanks hold extracted dirt, cleaning chemicals, and water. Typically, recovery tanks range in size from 4.5 gallons to 15 gallons.

Heating Unit:

This component heats the rinse water to temperatures as high as 210° F in as little as three minutes. Heating elements can range from single tank-heating models, which heat water in the solution tank, to double inline heating elements, which heat water as it exits the machine.

Accessories:

Carpet cleaners usually come with a large floor wand. The wand can range in width from 10 inches to 12 inches and include one or two jets for dispensing and extracting fluids. Upholstery and stair wands are available as options. Vacuum and cleaning solution hoses come in a variety of lengths and can be ordered in custom lengths.

Daimer®'s Unique Technologies

Low-flow technology reduces water waste, prevents mold and mildew, and speeds drying times. For example, the XTreme Power XPC-12000 offers drying times of as little as one hour, which makes it ideal for highly trafficked locations and humid environments.

Dual-function carpet cleaners include features for cleaning both carpets and hard surfaces. These machines employ an enclosed multi-jet squeegee wand tool, which allows for non-heated cleaning and simultaneous extraction on sealed vinyl floors, sealed and unsealed concrete, tile, and other sealed and non-sealed surfaces.

For More Information

Questions and requests for additional information about Daimer® carpet cleaners can be directed to Matthew Baratta by calling (888) 507-2220.

Expert Buying Advice

Some carpet cleaners use cold water to clean. Carpet steam cleaners use a built-in heating element to produce hot water with temperatures of up to 210°F for sanitizing applications and for removing the toughest stains. Despite the name, carpet steam cleaners do not clean with steam.

Standard steam cleaners on the other hand *do* clean with steam of temperatures up to 360° F and are not appropriate for general use on carpets. Steam cleaners are ideal for sanitizing and cleaning hard surfaces like floors, tile, and machinery. These devices can be used for spot cleaning of carpets that can handle the high temperatures. *Read more about steam about steam cleaners at <http://www.daimer.com/steam-cleaners-technologies/>.*

Key Features to Consider When Buying a Carpet Cleaner:

Temperature:

Some carpet cleaners allow you to add hot water either manually or continuously through a hook up. Others include their own heating elements. Smaller heated models include a single heating element, heat to lower temperatures, and will take up to 15 minutes to heat. Larger models with two heating elements will hit temperatures of up to 210° F in as little as five minutes.

Temperature Control:

High temperatures provide greater cleaning power and efficiency. However, delicate carpets and those containing natural fibers often cannot handle heat or high temperatures. Some products, such as Daimer's XTreme Power XPC-9300, allow the operator to adjust the water temperature.

Pressure:

Pressure, measured in pounds per square inch (psi), can also affect cleaning ability of carpet cleaners. For residential and light commercial applications, opt for pressure levels of 50 to 65 psi. For industrial applications consider products with pressure levels up to 500 psi.

Solution Tank and Recovery Tank Size:

Better products include a separate solution tank and recovery tanks. The solution tank contains the cleaning chemicals and the recovery tank holds the used fluid and dirt. Solution tanks for Daimer products range from 4.5 gallons for home and residential products to 17 gallons for commercial/industrial products. Recovery tanks range from four gallons to 15 gallons. Larger the tanks mean the longer periods of non-stop operation.

Low-Flow Technology:

Many Daimer products include low-flow technology, which reduces water waste, prevents mold and mildew, and speeds drying times. For example, the XTreme Power XPC-12000 offers drying times of as little as one hour, which makes it ideal for highly trafficked locations and humid environments.

Five Questions to Ask Before Buying a Carpet Cleaner

1) Carpet Cleaner, Carpet Extractor or Steam Carpet Cleaner?

No worries, they're all names for the same machine that uses high pressure to inject water into a carpet and a powerful vacuum to extract the mess into a large recovery tank.

2) Do I need a residential, commercial or industrial machine?

Residential and light commercial grade carpet cleaners provide pump pressure levels of up to 60 psi, solution and recovery tanks of up to 4.5 gallons, and single-jet wand heads that are 10" wide. For extraction power, the products generally offer water column lift in the 80 to 100" range and airflow in the 90 to 100 CFM range.

Commercial grade machines offer enhanced pump power, larger solution and recovery tanks, higher pressure levels, greater airflow, and more suction (water column lift) power. This class of machine provides: pump pressure levels up to 100 psi, solution tanks up to 17 gallons, recovery tanks up to 15 gallons, and wands that span 12" and include dual jet heads. For extraction power, commercial machines typically offer 150 to 200" of water column lift and airflow up to 200 CFM.

Read more about commercial carpet cleaners at <http://www.daimer.com/commercial-carpet-extractors/>.

Industrial grade machines expand on the commercial carpet cleaners by offering pressure levels of up to 500 psi and water column lifts up to 250". Some specialized industrial carpet cleaners are designed as walk-behind units with 20" cleaning paths and water inlets, features designed to speed work on large expanses of carpet. Other units are designed specifically for low-pile carpets found in many industrial establishments.

Read more about industrial carpet cleaners at <http://www.daimer.com/industrial-carpet-extractors/>.

3) Do I need a hot-water machine?

Hot water machines, sometimes referred to as heated carpet cleaners or steam carpet cleaners, are best for the dirtiest jobs and offer the fastest drying times. However, using cold-water is often the only option for natural fibers, like wool.

Note: To clean with cold water you can switch off the heat feature in a steam carpet cleaner or use a cold-water machine. Many cold-water machines will let you add hot water up to 210 °F, but these non-heated machines can't heat cold water.

4) Do I need special upholstery cleaning?

All Daimer carpet cleaners can be purchased with an optional upholstery wand at additional cost or with the upholstery wand attached and with a carpet wand as an additional option. The upholstery wand is a 4" single-jet wand.

5) Do I need hard-floor capability?

Dual-function carpet cleaners include both a carpet cleaner and a special attachment for hard surfaces. Daimer's hard surface attachment is a 12" four-jet squeegee wand that allows for non-heated cleaning and simultaneous extraction on sealed vinyl floors, sealed and unsealed concrete, linoleum, tile, limestone, marble, and other sealed and non-sealed surfaces.

Read more about dual-function machines at <http://www.daimer.com/carpet-steam-cleaners-hard-floor-cleaners/>.

Product Spotlights

Auto detailing

Daimer offers carpet cleaners designed for auto detailing, including: the XTreme Power® XPC-5700U, the XPH-5800TU and the XPH-5900IU. The machines include pressure levels of up to 60 psi, 100 inches of water lift and a 4-inch upholstery wand for tight spaces. Variations of these machines are available with pressure levels of up to 150 psi.

The carpet and upholstery cleaners offer a number of features designed for portability and ease of use. The machines boast 4.5-gallon solution tanks and 4.5-gallon recovery tanks. Daimer's low-flow technology means less fluid is used during operation, so the tanks last longer between refill/emptying, and operators can use the equipment for extended periods of non-stop cleaning. The low-flow technology also means carpets get less damp, and dry in as little as two hours, depending on the model of machine. The rugged carpet cleaners each weigh 40 pounds.

The XPC-5700U is a non-heated unit that lets **auto detailing** professionals add water up to 210° F. The heated XPH-5800TU generates steam temperatures of up to 150° F. The XPH-5900IU produces steam temperature of up to 210°F.

Walk Behind Machines

For cleaning the largest spaces fast, Daimer® offers the XPC-12000, a walk-behind carpet extractor with a 20-inch cleaning path and a 50-foot power cord. The machine has a large 15-gallon solution tank and a 15-gallon recovery tank. The XPC-12000 includes low-flow technology that reduces water waste and drying times. Carpets cleaned with this carpet cleaner dry in as little as one hour.

Reseller Programs

Daimer's offers resellers access to it more than 20 models of XTreme Power® home and commercial carpet cleaners, extractors, rug shampooers, and carpet steam cleaners. The machines offer unique capabilities and pressure levels as high as 500 psi. Many systems use a built-in heating element to produce hot water with temperatures of up to 210°F for removing the toughest stains.

XTreme Power® carpet cleaners are available to resellers worldwide. Daimer® works with resellers by:

1. Handling labeling of private labeled machines.
2. Providing specification sheets.
3. Assisting with the choice and configurations of products for special markets, such as those with 230V or 440V, 50 or 60 Hz power requirements.

Requirements:

1. Minimums orders are necessary for involvement in the Daimer® reseller programs.
2. Freight cost will be added to invoices.

Contact Daimer® at (888) 507-2220 to speak with a Product Specialist or email us at www.daimer.com/reseller-programs and describe your needs.