

Benefits of a Vapor Steamer



Vapor steam is recognized in the cleaning industry for its effective sanitizing power in removing stains, odors, grease, bacteria, mold, yeast, and fungi. Continuous, high-temperature steam can replace the use of pressure washers and expensive chemicals.

What is steam cleaning?

True vapor steam is generated when water reaches the boiling temperature of 212°F. Vapor steam is able to sanitize and deodorize without waste-water run-off or the use of chemicals. Steam also penetrates into microscopic gaps on hard surfaces, dislodging stubborn dirt particles. Using vapor steam as a cleaning method is eco-friendly, non-toxic, and cost effective.

What are the benefits of steam cleaning?

1. Environmentally Friendly

- **Chemical-free Sanitation.** When using steam that reaches 350°F, chemicals are unnecessary as the steam itself will eliminate odors and bacteria. Steam cleaning without chemicals is also beneficial for those who have allergies or are sensitive to chemicals.
- **Kills Germs and Bacteria.** According to an IICRC article, steam cleaning reduces any bacteria, germs, mites and other toxins that are present. The level of moisture applied can be easily controlled depending upon the surface that is worked upon in order to not damage the underlying material. Hard surfaces are actually porous. Steam vapor is able to penetrate these pores for a thorough clean.
- **No waste-water run-off.** Because steam is made up of very little moisture, you can eliminate waste-water when using a high-quality steamer. This is especially important for professionals in the cleaning industry since the Clean Water Act was established in 1972 by the U.S. Environmental Protection Agency (EPA). Under the Clean Water Act, discharging pollutants into navigable waters is unlawful and can be charged a fine of up to \$20,000 per day unless a valid permit is obtained.

2. Low Water Usage

The steam is produced in a boiler that heats water to high temperatures [240-310°F/115-155°C] to produce low-pressure,

low moisture [4 to 6% water] steam. This process uses very little water compared to other cleaning devices, such as a pressure washer or carpet extractor.

3. Kills Bed Bugs

According to an article from the University of Minnesota, steam is a very effective method for killing bed bugs in all stages of development. Steamers work by delivering lethal temperatures to where bed bugs may be hiding. Steam is especially effective when bed bugs are on the surface of items and can be effective up to 3/4" into fabric surfaces. In cracks and crevices, steam will kill bed bugs up to 2 3/8" into a gap. Use an infrared thermometer to monitor the surface temperature of the area being treated. To effectively kill bed bugs the surface temperature should be at least 160-180°F immediately after the steam brush has passed.

4. Versatility

Vapor steamers can be used for virtually any type of surface from tile and grout to leather, carpet, upholstery, and bathrooms. Professionals from every industry can take advantage of steam cleaning; Automotive Detailing, Carpet Cleaning, Facility Maintenance, and more.

Advantages of Steam

- Chemical-free sanitation
- No waste-water runoff, avoid hefty fines from the EPA
- Easily clean hard-to-reach areas
- Versatility to clean multiple surface types
- Remove odors, grease, stains, bacteria, and more
- Kills bed bugs
- All-natural, environmentally friendly cleaning

Visit www.mytee.com for information on Mytee's Focus™ Vapor Steamer.