

The HOST® Dry Extraction Carpet Cleaning System is a proven method for achieving clean and dry carpet that looks its best every day. But did you know that using HOST can contribute to a cleaner environment both inside and outside your facility? It can also help in so many other ways. It saves water and energy, improves indoor environmental quality, reduces allergens, and is safe to use.

### Water Conservation

This point is often overlooked: water extractors use large amounts of water. Further, they generate large amounts of wastewater which burdens sewers and water treatment facilities. Also, wastewater left in the carpet evaporates, humidifying buildings and forcing air conditioners and dehumidifiers to run harder and longer.

Using HOST **saves** water. In fact, the HOST System deep cleans carpet with **97% less water** than typical high-flow water extractors. However, as HOST Dry Carpet Cleaner is ready-to-use, the actual water savings in any building using it is **100%**.

Many governments, organizations and schools recognize the importance of saving water and suggest switching from water extraction methods to a dry method. Here are a few:

- Maryland Department of the Environment
- American Hotel and Lodging Association
- Southwest Florida Water Management District
- Iowa Association of Municipal Utilities
- Partners for a Clean Environment
- Association of Manitoba Utilities
- Conrad Hilton College, University of Houston
- North Carolina Pollution Prevention & Environmental Assistance
- Pennsylvania Department of Environmental Protection
- Yazoo Mississippi Delta Joint Water Management District
- Santa Barbara County, California

### Biodegradability

 HOST Dry Carpet Cleaner requires no special disposal and can be composted. And, HOST is the first dry carpet cleaner to receive USDA Biobased Certification.

### Energy Conservation

Many environmental organizations recognize that it takes quite a bit of energy to heat water used in water extraction cleaning methods. In an effort to lower costs and energy use, such organizations are supporting cleaning systems that do not use water. With HOST there is:

- No water to heat
- No need for air conditioners to dry carpets
- No need to use blowers
- No need for dehumidifiers to remove moisture

### Indoor Environmental Quality

The HOST System of applying HOST Dry Carpet Cleaner to the carpet, brushing it through the carpet and then vacuuming up the HOST Dry Carpet Cleaner removes dirt and reduces allergens. Research studies have shown that **one** cleaning with the HOST System using HOST Machines reduces:

- Dust Mites by 78%
- Cat Allergen by 85%
- Dust Mite Allergen by 75%
- Mold Spores by 85%

More recent tests with the HOST Liberator® & Freestyle® machines show improved allergen extraction:

- Dust Mite Allergen by 89%
- Mold Spores by 97%

*HOST Machines are manufactured in an EPA registered facility, EPA registration number 074202-WI-001.*



## Preventing Mold & Mildew Growth

The HOST System won't leave carpets wet with wastewater so that mold will grow and cause health problems. In fact, HOST helps remove mold and mildew from carpets.

## Health & Safety

In accordance with Consumer Products Safety Commission and Federal Hazardous Substances Act regulations, HOST is not an eye irritant nor a primary skin irritant and is nontoxic by oral ingestion or by inhalation. HOST is not a WHMIS Control Product. HOST contains no dyes, contains no heavy metals, does not become airborne and has low VOCs. HOST Dry Carpet Cleaner's Hazardous Materials Information System (HMIS) rating is: Health = 0; Flammability = 0; Reactivity = 0; Personal Protection = none required.

## LEED®-EB Points

The US Green Building Council's LEED (Leadership in Energy & Environmental Design) Green Building Rating System® "is a voluntary, consensus-based national standard for developing high-performance, sustainable buildings."



Using the HOST System may contribute to earning:

- **Energy and Atmosphere credits** (up to 2 credits) by optimizing energy performance and by sustaining building operations and maintenance through proper staff education.
- **Materials and Resources credits** (up to 4 credits) by optimizing the use of IAQ compliant products and by implementing the use of sustainable cleaning products and materials.
- **Water Efficiency credits** (up to 3 credits) by a reducing in total water use by 10 or 20% and by reducing wastewater generation.
- **Indoor Environmental Quality credits** (up to 3 credits) by optimizing practices that prevent the development of IEQ problems, by including green cleaning of entryways and by the use of cleaning products with a low environmental impact.

## What Others Are Saying

"Cleaning equipment, especially those that engage in wet cleaning and extraction, can become contaminated with waterborne organisms and serve as a reservoir for these organisms... Substantial numbers of bacteria can then be transferred to carpeting during the cleaning process. Therefore, keeping the carpet cleaning equipment in good repair and allowing such equipment to dry between uses is prudent."

– US Department of Health & Human Services Centers for Disease Control & Prevention

"While it is a general rule to dry carpet in less than 24 hours to reduce the chance for mold growth, optimal drying time is less than 4 hours."

– National Institute of Building Sciences

"Conventional shampooing processes are not considered desirable... the residual moisture left after the shampoo process when using water or steam negatively impacts indoor-air quality."

– US Department of the Interior

"Continue to shampoo carpets with a chemical-free and environmentally-safe powder... Use low or no-toxicity powder cleaning agents on carpeting and other surfaces where appropriate."

– Massachusetts Department of Education Sustainability Plan