



# THERMA-KLEEN

## TECH SHEET

### HOSPITALITY

To be successful, facilities must maintain the highest standards of appearance, cleanness and guest comfort. Therma-Kleen machines are used by the finest hotels (Hilton, Four Season, Marriott, Etc.) for nothing cleans and sanitizes better Therma-Kleen Dry Steam Units.



We at Therma-Kleen build all our systems to an industrial grade:

- Heavy Gauge Stainless-Steel construction
- Stainless-Steel Boiler
- Incoloy Super Alloy Heating Element
- All fittings are Stainless-Steel or Brass, not plastic like others.
- With steam temperatures up to 380° F and maximum pressures up to 160 psi, there is nothing better.
- Easy to operate and portable

#### BED BUGS:

When guests walk in the door there is that concern “BED BUGS”. Therma-Kleen’s Dry Vapor machines with super-heated steam, safely Kill Bed Bug and their Larva. The thermal death point of Bed Bugs is between 150° to 170° F, which is well under the 250° F temperatures created by our equipment. It is not just mattresses where they thrive, but chairs and carpeting as well.



Let us also not forget that people are more frequently traveling with pets. With this, Fleas are becoming more of a problem than before.

Again, the super-heated steam our machines produce will kill fleas as well as Dust Mites, Ticks, Etc.

#### CLEANING & SANITIZING in one step:

The Dry Vapor Steam produced by Therma-Kleen equipment comes out as Nano size droplets, which can penetrate surface pores. When the vapor meets the cold sides of the pores they violently expand, forcing debris out. While loosening this grime, the high temperature also kills any pathogens it comes in contact with. Chemical cleaning cannot achieve the same deep cleaning & sanitizing as Therma-Kleen systems.

- Eliminates Infectious Pathogens, Molds & Mildew
- Eliminates Odors by killing mold & mildew at the root, Odor causing organisms, expels Cigarette smoke residue embedded in carpets, drapes, furniture, etc.

- By eliminating Allergens, rooms are much friendlier to those who suffer from allergies
- Easily & Effectively Cleans & Sanitizes food prep areas and work stations
- Ability to convert smoking rooms to non-smoking
- Cleans walls without leaving them wet
- Cleans blinds as well as other types of window treatment in place
- Cleans thresholds, door tracks and entryways
- Easily cleans & removes dirt from grooves and depressions in non-skid surfaces
- Restores aluminum framework
- Bathrooms – Deep cleans porous grout, lavatories, showers, sinks & fixtures, windows mirrors, restores non-skid bathtub bottoms to their natural color and Kills Mold & Mildew causing bacteria
- Kitchens – Removes grease buildup on Stoves & Hoods, Ovens, Food Preparation Surfaces, Food Processing Equipment, Seals on Refrigerators, Counter Tops especially tight corners, cracks & crevasses. A clean kitchen is less inviting to cockroaches and other pests.
- Elevators
- Entrance floor tile & grout are cleaned and brightened better than any other method
- Spot cleans Carpets
- Air Conditioners
- Cleans gum & dirt from upholstery, tables & chairs
- Keeps equipment and surfaces looking like new
- Cleans & sanitizes areas where chemicals are not permitted

#### ECOLOGICAL ENHANCEMENTS:

- Therma-Kleen equipment are considered GREEN MACHINES, because they use only WATER.
- NO TOXIC CHEMICALS are used in the cleaning and sanitizing process
- No Toxic Chemical fumes or residue which, can be an irritant to both guests and employees

#### COST BENEFITS:

- Labor savings – Cleaning & Sanitizing is a one step process
- No costly chemicals & cleaning agents
- Reduces chemical disposal cost
- The Dry Nano Vapor Molecules penetrate the smallest of cracks and pores, thereby more effectively cleaning than chemicals can do
- Hence a potential chemical cost savings of up to 80%

**This all equates to Happier Guests**

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