



# AquaKlear Treatment System

## Care & Usage Guide

### **THE FIRST FEW WEEKS**

It is common for odors to develop around the system & its components during initial startup. Within a month, your system will establish its “biological ecosystem” & these odors will dissipate.



**A normal AquaKlear System:**  
Red light is NOT illuminated  
Alarm is NOT sounding  
Has the blower running 24/7  
No foul odors

### **COMMON SENSE CARE**

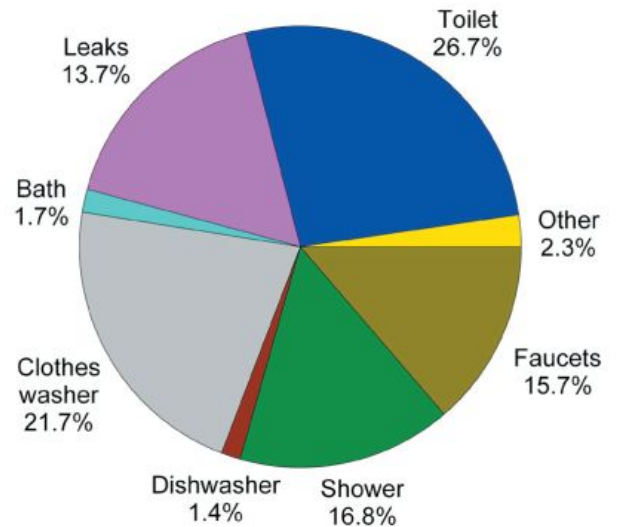
Your AquaKlear system is an advanced wastewater treatment system that has mechanical parts including a blower, control panel & an optional water pump. Regular service & maintenance & following these tips will help to avoid malfunction, failure, & costly repairs:

- **Inspect & service your system regularly**
  - Keep records of repairs, pump outs, inspections, & other maintenance activities
  - **PUMP WHEN RECOMMENDED BY YOUR SERVICE PROVIDER**
- **Don't flush anything that could clog or damage the system**
  - **NO** feminine hygiene products, condoms, dental floss, diapers, baby wipes, “Cottonelle”, cotton swabs, cigarette butts, coffee grounds, cat litter, paper towels
- **Avoid household toxins that destroy the biological ecosystem**
  - **NO** harmful chemicals, caustic drain openers, gasoline, oil, pesticides, antifreeze, paint or LIQUID FABRIC SOFTENENR
  - Always use “Nontoxic” & “Septic Safe” cleaning products in moderation
- **Avoid hydraulic (water) overloading to your system**
  - Use water wisely & maintain all plumbing fixtures to prevent leaks
  - Use water efficient appliances & install water efficient toilets, faucets & showerheads
  - Spread laundry throughout the week to & use detergents & bleach in moderation
- **Protect the tank, lids, control panel & blower from potential damage**
  - **DO NOT** drive or operate heavy machinery over the tank & other ground equipment
  - Use caution with lawn mowers & weed eaters near the equipment
- **Eliminate the garbage disposal to reduce grease & solids**
- **NEVER use additives or septic system cleaners**
- **Be aware that the extended use of some strong pharmaceuticals may harm the working bacteria in the system**

## **BE AWARE OF YOUR WATER USAGE**

Are you aware of how much household water you & your family uses each day? Your monthly water bill may not provide a complete picture because it includes ALL of the water you use both inside & outside (for landscaping, pools/spas, car washing, etc).

It is important to understand how much water goes down your drains because your system is sized for a certain amount of water each day. Using more water than your system was designed for can negatively impact your system's components including the dispersal field.



By making some quick observations & easy calculations you can estimate how much water you use & are putting into your AquaKlear system. The average Californian uses about **70 gallons** of water per day for flushing toilets, showering & bathing, washing clothes & dishes, using faucets & other uses.

<b>NON LOW-FLOW TOILET</b>	6 gal/flush	<b>BATHTUB</b>	25-45 gallons
<b>LOW-FLOW TOILET</b>	3.5 gal/flush	<b>RUNNING FAUCET</b>	2-3 gal/minute
<b>ULTRA LOW-FLOW TOILET</b>	1.6 gal/flush	<b>WASHING MACHINE</b>	40-55 gal/load
<b>REGULAR SHOWER HEAD</b>	7-8 gal/min	<b>DISHWASHER</b>	6-15 gal/load
<b>LOW-FLOW SHOWER HEAD</b>	2-3 gal/min		

## **WHY MAINTENANCE IS SO IMPORTANT**

There are three main reasons why maintenance of your system is so important. The **FIRST** reason is **money**... failing wastewater treatment systems can be expensive to repair or replace & improper homeowner maintenance is a common cause of early system failure.

The **SECOND** & most important reason to properly maintain your system is the **health of your family, your community & the environment**. When any septic system fails, inadequately treated wastewater is released into the environment & any contact with untreated human waste can pose a significant risk to public health. Untreated wastewater from failing septic systems can contaminate nearby wells, groundwater & drinking water sources.

And the **THIRD** reason to maintain your AquaKlear System is to protect the **economic health of your community**. Failing septic systems can cause property values to decline & sometimes building permits cannot be issued for these properties. Also, failing septic systems may contribute to the pollution of local rivers, lakes, & shoreline that your community uses for drinking water, commercial or recreational activities.

**Proper usage & maintenance of your system will have a significant impact on how well it works & how long it lasts**