

WAXIE® Soap Systems with SANITARY SEALED™ Refills



Make a Simple Upgrade that
will have Dramatic Results.

Reliable, state-of-the-art WAXIE touch-free wall-mount and counter-mount dispensers are a noticeable upgrade from refillable bulk soap dispensers. WAXIE soap systems use SANITARY SEALED soap cartridge refills with a selection of rich, colorful, botanically infused foam soap.

WAXIE dispensing systems are the no-hassle, image-enhancing alternative to old-fashioned bulk soap dispensers. Here's why:

- Top-quality dispensers are built for reliability and long-term hassle-free use.
- The Lifetime Performance Guarantee even includes the pre-installed batteries.
- The system's SANITARY SEALED refills are pre-sealed to help lock out germs, and each refill comes with a fresh nozzle.
- Labor time is minimal because refill cartridges load in seconds without a drippy mess to clean up afterwards.
- The high-capacity refills typically require changing only a few times yearly vs. regular "topping off" of refillable bulk systems.



Refillable bulk systems are prone to environmental¹ and deliberate contamination. The problem can get so severe dispensers must be replaced. The soap in bulk refillable systems must be manually poured into the dispenser's reservoir. It's messy and labor intensive.



SANITARY SEALED™ systems are always a better choice than refillable soap dispensers. These innovative sealed soap systems offer multiple advantages in terms of quality, reliability, sustainability, ease of maintenance and aesthetics. **Compare for yourself...**

Refillable Bulk Soap Systems

vs.

SANITARY SEALED Systems

MAINTENANCE & RELIABILITY

Time and effort pouring soap from jug.
Added cleanup time required due to messy pour.

Extensive labor: permanent pump and nozzle wear out. Parts must be ordered, stocked and replaced. Dripping risk increases as nozzle ages, which can cause sink and counter stains and result in clogged drains from soap scum.

Manufacturers recommend washing/sanitizing dispensers periodically (studies show this doesn't eliminate the contamination risk).²

Open dispensers and refill jugs are susceptible to theft.

AESTHETICS & IMAGE

Manual overfilling creates spill mess if not immediately cleaned up.

Permanent nozzles clog easily and cause "soap's out" complaints even when full.

Some dispensers are of unreliable quality and poor appearance.

CONTAMINATION RISK

One out of every 4 refillable bulk dispensers are contaminated with unsafe levels of bacteria,³ leaving hands with up to 25 times more germs after washing than before.¹

The U.S. Centers for Disease Control and Prevention (CDC), Health Canada and the World Health Organization (WHO) have all recognized the bacterial contamination risk of "topping off" refillable bulk soap dispensers and have issued guidelines against it.^{4, 5, 6}

Once dispensers are contaminated, even cleaning and soaking in bleach has been proven ineffective. Recontamination can occur within two weeks.¹ Contaminants can be present even when not obvious or visible.

SUSTAINABILITY

Refillable dispensers can compromise health and social well-being, working against your efforts to create a healthy, productive building environment.

MAINTENANCE & RELIABILITY

Refill cartridge snaps in place in seconds.

No-mess cartridge refills, each with fresh pump and nozzle, snap easily in place. System includes a Lifetime Performance Guarantee.

Fresh nozzle with each new refill. No maintenance required.

Lockable dispensers and proprietary refills deter theft.

AESTHETICS & IMAGE

Soap is fully contained in no-spill sealed cartridges.

Every refill comes with a new nozzle to prevent clogging. Newer systems also feature large sight windows and Controlled Collapse bottles to help eliminate "soap's out" complaints.

No-mess cartridge refills, premium-quality soaps and sleek, stylish dispensers.

CONTAMINATION RISK

Each soap cartridge is factory-sealed to help lock out germs, and each soap cartridge includes a fresh nozzle.

SUSTAINABILITY

Promotes social well-being in safeguarding user health. Durable, fully recyclable SMART-FLEX™ PET packaging uses 30 percent less material than standard HDPE plastic. Green certified soap formulations.

1. Zapka C, Campbell E, Maxwell S, Gerba C, Dolan M, Arbogast J, Macginga D. 2011. Bacterial hand contamination and transfer after use of contaminated bulk-soap-refillable dispensers. *Appl Environ Microbiol.* 77(9):2898-2904.
2. Lorenz L, Ramsay B, Goeres D, Fields M, Zapka C, Macginga D. 2012. Evaluation and remediation of bulk soap dispensers for biofilm. *Biofouling*, 28(1): 99-109.
3. Chattman M, Maxwell S, Gerba C. 2011. Occurrence of heterotrophic and coliform bacteria in liquid hand soaps from bulk refillable dispensers in public facilities. *J Environ Health.* 73(7):26-29.
4. Health Canada Guidance Document for Human-Use Antiseptic Drugs. December 2009. pg 32.
5. Centers for Disease Control and Prevention. Guideline for Hand Hygiene in Health-Care Settings: Recommendations of the Healthcare Infection Control Practices Advisory Committee and the HICPAC/SHEA/APIC/IDSA Hand Hygiene Task Force. *Morbidity and Mortality Weekly Report.* October 25, 2002 / Vol. 51 / No. RR-16. Accessed at <http://www.cdc.gov/handhygiene/Guidelines.html> on May 18, 2010.
6. World Health Organization (2009) WHO Guidelines on Hand Hygiene in Health Care. Geneva, Switzerland: World Health Organization Press.

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