

Notice to all Bradley Customers!

Bradley Fixtures Corporation recommends the use of Champion brand liquid soap in all of its liquid soap dispensers. Champion soap has been tested successfully on all of Bradley's liquid soap valves and is recommended for all hand washing applications. You may purchase Champion soap directly from Champion Brand Products. Champion has provided the following information regarding the use of its product. Contact Champion Brand Products for price and order information at any one of the 24-hour hotline numbers listed below.



IMPORTANT

To ensure proper operation of your soap dispenser, follow these instructions:

- Once per month, unscrew valve from reservoir and soak it for 30 minutes in hot water.
- Push valve at least 20 times while it is soaking.
- Flush soap reservoir with hot water while valve is soaking.

To obtain a consistent flow and to reduce clogs, use a soap with the following ingredients:

- 80% water
- 10% Bonder (Sodium Laureth Sulfate/Sodium Laurel Ether Sulfate)
- 6% viscosity promoter (ammonium chloride, sodium chloride, glycol disterates, kathon, etc.)
- 3% emollients (aloe extract, jojoba oil, etc.)
- .05% Parachlorometaxyleneol (PCMX), Isopropanol, or similar antiseptic ingredient can be added to produce an antiseptic product.

This soap is available through Champion Brand Products.

If you have any problems with your soap dispensing system, please call a Champion Brand Products (a division of Lochrie and Associates, Inc.) representative at 1-800-344-5301. They will be happy to assist you.

To order soap, please contact Champion Brand Products by one of the following 24-hour hotlines:

Telephone: 1-800-344-5301

FAX: 414-258-4858

www.championbrandproducts.com

Soap Dispenser Maintenance

Quality soap dispensers require good quality soap and periodic maintenance to properly operate. Bradley soap dispensers will provide dependable, consistent operation over the long term when soap with reasonable viscosity and pH levels are used and when a minimal amount of periodic maintenance is performed on the valves.

Soap thickness is determined by a measurement called viscosity. Soap viscosity should be between 100 cps (centerpoise) and 2500 cps for all Bradley soap dispensers. Thinner soaps are perceived by the users as being "watered down" so users tend to take more than they need, resulting in waste. Thick soaps flow slower and inhibit the "flushing" action of the valves, which allows the soap to congeal in the valve and cause clogs.

The pH (acid) level of the soap should be in the range of 6.5 to 8.5. More acidic soaps (pH levels lower than 6.5) will corrode metal parts (even stainless steel!!) and degrade rubber and plastic components. They will also cause skin irritation. Most inexpensive soaps (typically the pink lotion type) fall into this acidic category and will eventually cause valve failure and metal corrosion. Base soaps (pH levels higher than 8.5) will cause swelling or degradation of rubber and plastic parts and skin irritation.

Generally, any quality soap meeting the viscosity and pH guidelines above will work well with Bradley soap dispensers. PCMX or Isopropanol based antibacterial soaps (within viscosity and pH limits) will also work with Bradley dispensers. Soaps satisfying these basic guidelines will provide consistent flow and reduce clogs. Valves must also be maintained (cleaned) to function properly (see our Soap Dispenser Maintenance section for more details).

Valves must also be maintained (cleaned) to function properly. At the very minimum, hot water should be pumped through valves periodically to clear out soap residue. Ideally, valves should occasionally be soaked for 30 minutes in hot water or a soap valve cleaning solution. The valve should be pumped at least 20 times while it is soaking to clear any clogs. The soap reservoir should also be flushed with hot water. In cases of extreme clogging, the valve should be disassembled and the parts should be soaked in hot water or cleaning solution to restore proper functioning.

Most soap dispenser problems are caused by soap that is too thick or corrosive, or by a lack of maintenance. Many soaps come in concentrate form which must be diluted with water. Often, the soap is improperly diluted or used straight out of the bottle, which causes clogging and valve failure. If proper soap is being used, valves that have never been cleaned are usually the source of dispensing problems.

With proper maintenance and soap, Bradley dispensers will provide long term, trouble free operation.



Soap Recommendations and Dispenser Maintenance

Overview

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Viscosity

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pH Level

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⚠ CAUTION Base soaps (pH levels higher than 8.5) will cause skin irritation and swelling or degradation of rubber and plastic parts.

Soap Valves

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