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All of our products are designed and manufactured to high quality standards. To ensure long life and beauty, the product should be cleaned, protected and maintained.

Cleaning - Usually stainless steel units that have just been installed will require cleaning after the protective film has been removed. Depending upon how long the units have been in storage prior to installation, a product such as 3M 6041 may be helpful in removing any stubborn vinyl and adhesive residue. Units that are in service generally only require routine cleaning in accordance with the standard wash-rinse-dry-polish procedures applicable for any stainless steel cabinet as detailed in the PCM document.

Stainless Steel should be protected against Muriatic acid and caustic or abrasive materials and harsh cleaning detergents [with a pH outside the range of 7 ± 1.0]. In the event such agents cause discoloration, polishing with a stainless steel cleaner such as 3M Stainless Steel Cleaner & Polish® and a soft cloth on bright or mirror finishes, or for satin finish surfaces the SS cleaner and 3M Scotch Brite® pad either blue (less aggressive) or green (more aggressive) pad is recommended.

Valve Maintenance - Soap dispensers located in low traffic areas should have the soap dispenser valves wiped down to remove any air-hardened soap residue left on the nozzle spouts. This should be done as part of the day-to-day janitorial maintenance routine. General cleaning on a regular schedule is adequate for soap dispensers in higher traffic areas, with no special attention required. Note: you **MUST** prime the V-320/V-321 valve in order to start soap flow on initial set-up. Push the valve in and place finger on dispenser spout and let the valve come out. Repeat 5-6 times until the valve starts to dispense liquid soap in hand. Normal refill activity will not require this procedure.

Advice: Where possible, maintenance staff should use a funnel to pour liquid soaps into soap dispensers to avoid spillage onto units. Where spillage occurs, the soap should be cleaned up immediately. Dispensers with internal plastic tanks require the tank to be removed from the housing during the refilling operation to avoid spillage that could damage electronics and internal components.

Soap for Liquid Soap Dispensers - Soap thickness is determined by a measurement called viscosity. Soap viscosity should be within the recommended range for proper soap dispenser operation (refer to the chart in this document for a list of recommended viscosities). **DO NOT** use any Alcohol or Iodine based soap. **DO NOT** use any pumice type soap.

Cleaning & Refilling Stainless Steel Soap Tank Dispensers - Remove the soap dispenser from the wall. Empty all soap from tank and flush tank and valve with warm to hot water. This should remove any particles of dried up soap. Test valve operation with warm water prior to reinstallation on wall. Shake out and wipe off excess water and dry with a soft cloth. The tank should now be ready for placing back into position on the wall and refilling.

Pre-packaged Soap for Models #5001-SS & #5002

Procedure for loading 800ml Bag-in-a-Box into typical unit:

1. Load box into unit with nozzle tube facing forward
2. Pull tube/nozzle all the way out of the box after removing cardboard access closure
3. Orient nozzle to cradle if necessary by twisting tube near bag outlet union
4. Reach through door opening and push lever back all the way as far as it goes
5. Seat nozzle into cradle, making sure it remains centered
6. While holding lever back, close door and lock with key
7. Check to ensure that nozzle tip remained in cradle
8. Test operate the unit to ensure proper performance.

All automatic soap dispensers are void of warranty if modified in any way. Including, but not limited to; use with other than the recommended batteries or AC Adapter where provided, use of improper soap required (as noted on the next page) and/or improper maintenance including failure to follow recommended refilling procedures [container to be pulled away from the unit and cleaned on the outside in the case of any overflow or spills to avoid soap from leaking onto the PCB or into the battery case].

Note: The above information is a summary, please refer to www.americanspecialties.com for specifications, installation instructions or maintenance care sheets for individual product information.

Part Number	Viscosity Range mPa·s or cP (MilliPascal·sec – Centipoise)	pH Range	Soap Requirements
10-0318	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0326	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0332	50 - 2500	5.5 ~ 8.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0334	1 - 3000	5.5 ~ 8.5	Liquid soap with no abrasives
10-0335	1 - 100	5.5 ~ 8.5	Foam soap with no abrasives
10-0340	100 - 3500	6.0 ~ 8.0	Antiseptic and liquid soaps, shampoos, lotions and detergents
10-0345	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0346	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0347	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0349	50 - 2500	5.0 ~ 9.0	Surgical soap
10-0350	100 - 2500	5.5 ~ 6.5	Soap or antiseptic solution containing PCMX and/or Triclosan
10-0351	50 - 3500	6.0 ~ 8.0	Soap, viscous lotion soaps or synthetic detergents
10-0352	Not applicable (N/A)	N/A	Use coconut base soap 10-20% concentrate only
10-0356	150 - 3000	5.0 ~ 9.0	Soap, detergent or lotion
10-0360	1 - 3500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0361	5 - 3500	5.0 ~ 9.0	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0362	2000 - 5000	5.0 ~ 9.0	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0365	5 - 1500	5.0 ~ 9.0	Foam-forming soaps, foam-forming antiseptic solutions and foam-forming antibacterial soaps containing PCMX and/or Triclosan
10-0371	150 - 3000	5.5 ~ 8.5	Soap, detergent or lotion
10-0390-(n)	100 - 3800	6.0 ~ 8.0	Clear liquid soap containing no abrasives
10-0391-(n)	100 - 3800	6.0 ~ 8.0	Clear liquid soap containing no abrasives
10-0393-(n)	1 - 100	6.0 ~ 8.0	Foam soap. Clear foaming liquid containing no abrasives
10-0394-(n)	1 - 100	6.0 ~ 8.0	Foam soap. Clear foaming liquid containing no abrasives
10-0430	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-0431	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-5001-SS	Varies with product and manufacturer chosen; see product MSDS and info	Varies per product	Disposable cartridges to dispense soap, hand lotion, heavy duty cleaner, waterless cleaner and antiseptic soap. Typically super-concentrated cleansing formula approved for medical and food handling facilities, good for 1500 washings.
10-5002	Varies with product and manufacturer chosen; see product MSDS and info	Varies per product	Disposable cartridges to dispense soap, hand lotion, heavy duty cleaner, waterless cleaner and antiseptic soap. Typically super-concentrated cleansing formula approved for medical and food handling facilities, good for 1500 washings.
10-6326	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-9326	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-9343	100 - 2500	5.5 ~ 6.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-20333	100 - 3500	5.0 ~ 9.0	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-20363	1 - 5500	5.5 ~ 8.5	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-20364	50 - 3500	5.0 ~ 9.0	Liquid, lotion or detergent soap, synthetic detergents and antibacterial soaps containing PCMX and/or Triclosan
10-20365	5 - 1500	5.0 ~ 9.0	Foam-forming soaps, foam-forming antiseptic solutions and foam-forming antibacterial soaps containing PCMX and/or Triclosan