PART 1 - INTRODUCTION

1.1 PURPOSE

A. This section contains general design criteria for toilet, bath, locker rooms, and custodial accessories.

PART 2 - GENERAL DESIGN REQUIREMENTS

2.1 Manufacturer

A. Refer to Part 3 – Minimum Product requirements, for product information on custodial accessories. Any additional accessories to be provided, shall be listed as a Basis of Design deviation to be reviewed. Manufacturers offering products that may be incorporated in the work include, but are not limited to Bobrick Washroom Equipment Inc, or an approved equivalent.

2.2 Additional Yale Guidelines

A. Refer to the Yale Office of Facilities website under Additional Office of Facilities Design Guidelines for Facilities Accessibility Guidelines.

2.3 Design – Layout & Equipment

A. Toilet Rooms

1. New construction projects, and as feasible renovation projects, are to include multi-stalled men’s and women’s restrooms and a single use all gender restroom per floor. Multi-stalled gender specific restrooms are to be designed for conversion to all gender restrooms with no change in configuration.

2. Toilet Room entry and exit should avoid a door where possible to avoid user contact with surfaces that may lead to cross-contamination concerns. The design must address noise and odor concerns. Where this is achieved, no waste receptacle is required at the entry. Where a door is required, provide waste receptacle within the wall adjacent to the door handle on the bathroom interior-side of the door.

3. Paper Towel dispensers - Paper towel dispensers are to be installed directly in front of each sink. The dispenser should be located behind the mirror and positioned to ensure paper towel is visible from the user standing at the sink. The mirror must be hinged to allow access to refill paper towel dispenser.

4. Do not provide air hand dryers.

5. Toilet paper dispensers—double roll, one per stall, furnished by Yale University, and installed by the contractor

6. Sanitary napkin dispensers—one per women’s room, Bobrick or approved equivalent

7. Sanitary napkin disposals—one per stall, surface mounted

8. Auto sensor soap dispensers—one per lavatory surface mounted, to be located above sink, furnished by Yale University, and installed by the contractor

9. Auto sensor hand sanitizers – one per toilet room, located at exit but not visible from public
corridor, Purell Dispenser
10. Grab bars—1-1/2" diameter, quantity and arrangement as per accessibility codes
11. Shelves—welded corners, one per toilet room, large enough to accommodate 2-3 purses or briefcases
12. Provide a small place to seat one or two people
13. Provide one standing wall mirror per bathroom if possible
14. No equipment, urinals, sinks, mirrors, etc. should be visible from public corridors.

B. Bathrooms
1. Toilet paper dispensers—double roll, one per stall, furnished by Yale University, and installed by the contractor
2. Grab bars—1-1/2" diameter, quantity and arrangement as indicated in the contract documents and per local accessibility codes
3. Shelves—one, with welded corners
4. Mirrors
5. Shower doors - translucent doors; plastic shower curtains are not acceptable
6. Towel hooks—two per shower stall
7. Soap dishes—one per shower stall
8. Auto sensor hand sanitizers – one per toilet room, located at exit but not visible from public corridor

C. Locker Rooms
1. Toilet paper dispensers—double roll, one per stall, furnished by Yale University, and installed by the contractor
2. Grab bars—1-1/2" diameter, quantity and arrangement as indicated in the contract documents and per local accessibility codes
3. Shelves—one, with welded corners
4. Mirrors
5. Shower doors – do not provide curtain rods, curtain and hooks
6. Sanitary napkin dispensers—one per women’s shower room
7. Sanitary napkin disposals— one per stall, surface mounted
8. Auto sensor hand sanitizers – one per toilet room, located at exit but not visible from public corridor

D. Custodial Closets
1. Janitor’s utility units—two per closet
2. Shelves—stainless steel, full width of closet
PART 3 - MINIMUM PRODUCT REQUIREMENTS

3.1 Products

A. Information on the following products is included herein:
   1. Mechanical Hand Towel Roll Dispensers
   2. Bath Tissue Roll Dispensers
   4. Soap Concentrate Dispensers
   5. Sanitary Napkin Receptacle

B. Toilet and bath accessories not specified herein must be stainless steel, AISI No. 4, with a bright directional polish finish.

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Tork Mechanical Hand Towel Roll Dispenser

Tork Mechanical Hand Towel Roll Dispenser is designed to last in busy restrooms and gives reliability you can count on. Durable and easy to maintain, it delivers a hygienic dispensing experience which reduces consumption with one at a time dispensing.

- Reduces waste and save money with one-at-a-time dispensing.
- Serves more customers with less maintenance due to high capacity
- Easy maintenance with translucent window that shows when a refill is needed
- Guaranteed to run well over 360,000 hand dries, saving you time, money and hassle (Hand dries based on Essity’s internal lab testing.)

* This dispenser can only be obtained via a dispenser agreement

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<tr>
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### Choose a refill

- 8031500
- 8031900
- 8038040

### Alternate Products

- 774820
- 552528
- 771820

### Contact

Jack Durso  
Business phone: 800-972-9622  
Mobile phone: 203-915-4933  
Email: jdurso@ebpsupply.com
Tork® 3 Roll Bath Tissue Roll Dispenser for OptiCore® dispensing system is designed to minimize maintenance and maximize cost savings for high-traffic washrooms. It ensures that toilet paper will always be available for guests by holding three full rolls of tissue.

- OptiCore® technology reduces waste and cost by ensuring maximum use of each roll before the next roll is accessible.
- Features a locking cover to prevent product pilferage.
- ADA compliant to ensure accessibility for all washroom patrons.

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<td><strong>Height</strong></td>
<td>-</td>
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<td><strong>Width</strong></td>
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<td><strong>Material</strong></td>
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### Choose a refill

- 106390
- 112990
- 162090

### Alternate Products

- 67TR
- 556020
- 555620

### Contact

- **Jack Durso**
- Business phone: 800-972-9622
- Mobile phone: 203-915-4933
- Email: jdurso@ebpsupply.com
OptiCore® technology reduces waste and cost by ensuring maximum use of each roll before the next roll is accessible.

Translucent cover allows service staff to see at-a-glance when it's time to refill.

Features a locking cover to prevent product pilferage.

ADA compliant to ensure accessibility for all washroom patrons.

Tork® Twin Bath Tissue Roll Dispenser for OptiCore® system holds two rolls of patented OptiCore® tissue. Designed for controlled-use dispensing and optimum savings in maintenance time and costs, this dispenser features an enclosed, front-facing design to keep tissue clean and hygienic, but easily accessible.

**Specifications:**
- **Article:** 565728
- **Material:** Plastic
- **System:** T11 - Opticore
- **Color:** Black
- **Depth:** 7.2 in
- **Height:** 8.2 in
- **Width:** 11 in
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</tbody>
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### Choose a refill

106390 112990 162090

### Alternate Products

554028A 555628 565828

### Contact

Jack Durso  
Business phone: 800-972-9622  
Mobile phone: 203-915-4933  
Email: jdurso@ebpsupply.com
Product Information Sheet
Deb Washroom & Shower Manual Dispensers

Unique range of 1 liter, 2 liter and 4 liter closed, sealed cartridge dispensers that meet the distinct needs of any office or public facility environment.

**Usage**
For exclusive use with Deb Cleanse Washroom foam soaps and shower products.

**Method of Use**
Large, "easy-push" buttons dispense a controlled dose of product appropriate for the application required and empty cartridges are easily replaced in seconds.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Benefit</th>
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<tbody>
<tr>
<td>Guaranteed for life</td>
<td>• All Deb dispensers are manufactured from durable plastic components and rigorously tested for high usage environments, providing assurance of quality and long-term cost efficiency</td>
</tr>
<tr>
<td>Bio Cote® protected</td>
<td>• Deb dispensers are exclusively protected by BioCote®, a silver-based antimicrobial agent that is incorporated into the plastic components at the time of manufacture and inhibits the growth of a broad spectrum of bacteria and molds</td>
</tr>
<tr>
<td></td>
<td>• BioCote® will not wear-out or rub-off and is effective for the lifetime of the dispenser</td>
</tr>
<tr>
<td>Large push buttons</td>
<td>• Minimize the operation for 1-ce required to allow easy use by hand or elbow; suitable in hygiene sensitive areas</td>
</tr>
<tr>
<td>Fixed product dose</td>
<td>• Delivers the exact amount required, controlling usage and reducing waste</td>
</tr>
<tr>
<td>Unique locking mechanism</td>
<td>• Helps prevent unauthorized access, pilferage, and product contamination</td>
</tr>
<tr>
<td>Sight Glass</td>
<td>• Indicates the level of product in the cartridge which helps identify when product needs replacing</td>
</tr>
<tr>
<td>Simple cartridge replacement</td>
<td>• Designed for exclusive use with Deb skin care system products to enable cartridges to be replaced in seconds, reducing maintenance time and costs</td>
</tr>
<tr>
<td>Hygienic, airless cartridges</td>
<td>• The ultrasonically sealed cartridge and pump mechanisms prevent the ingress of air into the cartridge during use to help prevent product contamination and ensure 'fresh' product is dispensed every time</td>
</tr>
<tr>
<td>No wastage</td>
<td>• The air-tight cartridges are designed to collapse during use ensuring full evacuation of product with no wastage</td>
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Washroom and Shower Dispensers Jul 2017
<table>
<thead>
<tr>
<th>Code</th>
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<td>2 Liter</td>
<td>11.378 x 6.378 x 5.472</td>
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<td>Deb Stoke Cleanse Washroom</td>
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<td>BRW1LDS</td>
<td>Deb Stoke Washroom</td>
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<td>WRW1LDS</td>
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<td>CLU1DS</td>
<td>Deb Stoke Cleanse Lotion</td>
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<td>CNU1LDS</td>
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<td>HRL1DS</td>
<td>Deb Stoke Refresh Luxury Shower</td>
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<tr>
<td>HUR1LD</td>
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<td>2 Liter</td>
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<tr>
<td>CRL1DS</td>
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<td>1 Liter</td>
<td>9.252 x 4.921 x 4.606</td>
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<tr>
<td>CRW1LDS</td>
<td>Deb Stoke Washroom</td>
<td>white</td>
<td>2 Liter</td>
<td>11.378 x 6.378 x 5.472</td>
</tr>
<tr>
<td>WHL1DS</td>
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</tr>
<tr>
<td>WHR1LD</td>
<td>Deb Stoke Non-Foam Refresh Luxury Shower</td>
<td>white</td>
<td>2 Liter</td>
<td>11.378 x 6.378 x 5.472</td>
</tr>
</tbody>
</table>

Notes:
- SWL1DS and SHW1LDS are available in 1 Liter and 2 Liter capacities.
- BWL1DS and BRW1LDS are available in 1 Liter and 2 Liter capacities.
- WML1DS and WRW1LDS are available in 1 Liter and 2 Liter capacities.
- CLU1DS and CNU1LDS are available in 1 Liter and 2 Liter capacities.
- HRL1DS and HUR1LD are available in 1 Liter and 2 Liter capacities.
- CRL1DS and CRW1LDS are available in 1 Liter and 2 Liter capacities.
- WHL1DS and WHR1LD are available in 1 Liter and 2 Liter capacities.

Dimensions are in millimeters.
1 LITER DISPENSER
WHB1LDS
TWH1LOS
91128
TBK1LOS
TPW1LOS
TPB1LDS
MSS1LDS
WHY1LDS
WRM1LDS
RSH1LDS
SHW1LDS
SANITARY NAPKIN RECEPTACLE
WITH RIGID LINER

Rubbermaid SKU: FG614000WHT

Product Length - 10.8"
Product Width – 5.2 “
Product Height – 12.5”
Case Pack Quantity – 1
Color – White
Material Type – Plastic
Sanitary Bags – Rubbermaid # 6141
Nexa™ Dispensers

The Nexa Dispensing System provides efficiency, innovation, and sustainability in one sleek, but adaptable, dispenser.

FEWER BATTERIES
Nexa’s energy saving Touch-Free dispenser requires fewer battery change-outs.\(^1\)

PATENTED PUMP
Nexa’s patented pump pulls excess product back in, reducing clogs and drips helping to avoid costly product waste and slips and falls.

BACTERIA RESISTANT
Nexa’s antimicrobial protection in the manual dispenser’s push bar continuously inhibits the growth of bacteria, mold and mildew.\(^4\)

OPTIMIZED PACKAGING
Nexa’s improved HDPE\(^5\) packaging is not only recyclable, it also helps to maximize product evacuation.

---

\(^1\) Over the course of 50 months at 50 actuations per day, in comparative testing using Ecolab’s Nexa Touch-Free dispenser, and leading competitor’s dispenser.

\(^4\) Bacteria, mold and mildew that can cause degradation.

\(^5\) HDPE: High-Density Polyethylene
Ecolab Nexus Hands Free Battery Powered Soap Dispensers

Black - Ecolab # 92021192
White - Ecolab # 92021193

Black is standard color
Ecolab Nexus Manual Soap Dispensers

Black - Ecolab # 92023091
White - Ecolab # 92023093
Hand Care Concentrates Dispenser

Equipment Installation and Operation Manual
Retain this manual for installation, operation, and servicing.
4.0 DISPENSER INSTALLATION

4.1 HAND CARE CONCENTRATES DILUTION DISPENSER INSTALLATION

LOCATION PRE-INSTALLATION

If an installation location does not allow for the space requirements of the dispenser with the refillable bottle installed or provide adequate water conditions an alternative location will be required.

Due to the requirement of consistent dilution, the water supply is required to be above the dynamic operating pressure of the dispenser, a minimum of 10 PSI dynamic pressure is required in the account.

Before ordering or installing equipment perform a pre-install survey of the account. The survey will provide valuable information of the account to prepare for ordering the equipment required for the installation. SEE APPENDIX A FOR THE PRE-INSTALL CHECKLIST

INSTALLATION PROCEDURE

4.1.1 Remove the dispenser from the packaging. Depress the back plate tab above the battery cradle and lift out the cradle to remove from the dispenser. Remove the back plate from the dispenser enclosure.

4.1.2 Determine the general location that the dispenser will be mounted. The recommended mounting height range from the floor to the bottom (Flat edge) of the backplate is between 50-56”. In some instances mounting the backplate in the recommended range may not be possible, but it is acceptable to mount it outside the recommended range.
4.8 DISPENSER REMOVAL

4.8.1 Remove the concentrated product container from dispenser.
4.8.2 Flush the system by connecting a refillable bottle to docking station or place catch container under the docking station outlet. Activate the dispenser by pressing the button on the front door for ~30 second.
4.8.3 Turn off main water supply.
4.8.4 Lift and remove battery cradle.
4.8.5 Remove battery pack from cradle and disconnect connector. Set battery pack and cradle aside.
4.8.6 Disconnect the water line to or from the dispenser.
4.8.7 Open the product door and remove the single locking screw holding the dispenser to the wall. Close and lock the product door.
4.8.8 Lift the dispenser off of the back plate.
4.8.9 Remove back plate, unscrewing all mounting screws.
4.8.10 Fill holes in walls with silicone caulk or putty. Clean up surrounding area.