



Restroom **Hygiene** & Planning Guide

Product & Design Strategies
in a Post COVID-19 Era



BUILDING VALUE SINCE 1906



Restroom designs must comply with applicable accessibility standards for building location, jurisdiction per ADA, ICC/ANSI A117.1 or local requirements.

Refer to [Bobrick's Planning Guide for Accessible Restrooms](#) for guidance on compliant design.

Restroom Entry, Exit Doors

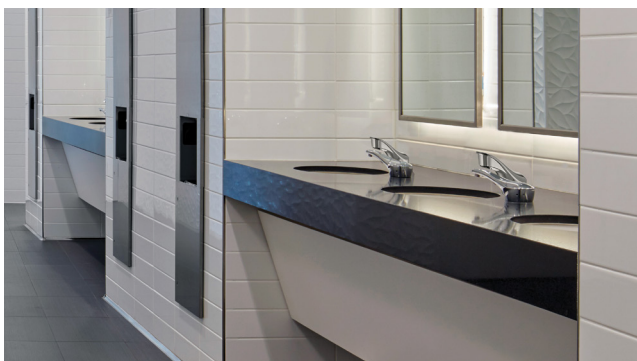
Restroom entry and exit points are areas of potential high touch, social interaction and congestion. This can lead to contamination, germ transfer and other hygiene concerns. Design considerations include a review of density, peak congestion times, and especially traffic flow patterns to determine correct product placement while maintaining accessibility compliance.

Considerations:

- 1. Remove doors.** Door handles and plates on doors are touch-points that harbour, transmit bacteria. Door removal eliminates germ transfer point that must be cleaned regularly each day, saving maintenance time, labour, and costs. In removal, air quality and potential for odour need to be mitigated.
- 2. Retain doors.** Block doors open or consider push feature doors with enhanced signage to use elbows or shoulders to open. Provide paper towel or tissue dispenser, waste receptacle and hand sanitiser dispenser adjacent to doors for patrons to have access to paper towel to use to protect hands from touching door handles and door plate. Position paper towel dispenser inside the restroom for use on exit and waste receptacle outside the restroom door to dispose waste on exit. Position a hand sanitiser outside the restroom door for use entering the restroom.

Product model numbers for Entry & Exit areas:

- B-272** Surface-Mounted Toilet Tissue Cabinet
- B-268** Surface-Mounted Corner Waste Receptacle
- B-2012** Automatic Wall-Mounted Hand Sanitiser Dispenser
- B-35903** TrimLineSeries™ Recessed Paper Towel Dispenser
- B-35633** TrimLineSeries Recessed Waste Receptacle with Disposal Door



Sink, Hand-Washing, Drying Areas

Effective hand washing is clearly a WHO mandate to control the spread of Covid-19. Therefore restroom design should promote hand washing and drying to reduce virus transmission. Mitigation of water droplets trailing from sink to drying is important in determining product placement. Traffic assumptions for the restroom should take in consideration queuing and congestion at the sink or counter area.

Considerations:

- 1. Hand Washing:** Touchless, hands-free, sensor operated, automatic faucet, and soap dispensers reduce unnecessary touch points. Counter mounted soap dispensers limit spillage and reach concerns. Avoiding cartridge soap systems in favour of bulk fill dispensers greatly reduces supply issues or outages.
- 2. Hand Drying:** Sensor-operated, automatic roll paper towel dispensers or hand dryers reduce unnecessary touch points. Consider folded towels dispensed manually for greater individual use such as to open doors, clean surface areas or other patron needs. Hand dryer, if offered, should be placed near hand washing to avoid water trails. Hands-in dryers with a drying alcove reduce air flow plume containing contaminated droplets.

Alternatively, units that combine automatic, sensor-operated roll paper towel dispenser and automatic, sensor-operated hand dryer and waste receptacle contain the drying process and air flow plume and ease in cleaning and maintenance.
- 3. Amenities:** Personal device holders provide safe storage of cell phones, tablets, purses off of wet countertops at lavatories. Shelving that can be easily cleaned and sanitized. Finally, mirrors should be placed appropriately to avoid queuing and congestion.

Physical distancing at lavatories can be accomplished by:

Blocking-off alternating adjoining lavatories to keep restroom patrons physically apart as they wash their hands.

Add touchless, floor-standing waste receptacles between lavatories to accommodate increased waste capacity and enforce physical distancing.

Adding urinal screens between lavatories above countertop surface to 2134mm height that extend full depth of the countertop.

Add floor marking of 1-metre distance in front of lavatory area to organize queue mentioned earlier.

Countertops manufactured of materials that have grout-less, non-porous surfaces for infection control and easy cleaning should be used. Use of porous, soft, easily scratched, heavily textured surfaces should be avoided.

Always refer to Technical Data sheets on specified products regarding maintenance, repair parts and operating instructions.

Product model numbers for Hand Washing & Hand Drying areas:

- B-824** SureFlo® Automatic, Top Fill Bulk Soap Dispenser, Liquid
- B-858** Designer Series Counter-Mounted Automatic Liquid Soap Dispenser
- B-635** Klutch Mobile Device Holder
- B-3725** Recessed Hand Dryer
- B-3974** ClassicSeries® Recessed Convertible Automatic, Universal Roll Towel Dispenser Equipped with LED Light/Waste Receptacle
- B-38030** Recessed Paper Towel Dispenser/Automatic Hand Dryer/Waste Bin (3-in-1 Unit)

[CGL Screens Counter Top Mounted](#)

Toilet Compartments & Urinals

Physical distancing, and providing a sense of space and privacy are primary considerations in restroom design of compartments and urinals. Compartments should offer necessary paper products such as toilet seat covers and appropriate toilet tissue dispensers for expected traffic. Product selection and placement should always achieve accessibility requirements for reach, operating radii and clearances.

Considerations:

1. Toilets: Equip with touchless, hands-free, sensor-operated, automatic flush valves.

2. Toilet Compartment Accessories:

a. Toilet Tissue Dispenser: Select a toilet tissue dispenser appropriate to the traffic requirements of the restroom. Jumbo and multi-roll dispensers are available, as well as partition mounted dispensers to minimize space requirements.

b. Toilet Seat Cover Dispenser: Partition mounted combination units incorporate seat covers to minimize space requirements

c. Personal Waste Disposal: Partition mounted combination units incorporate waste disposal to minimize space requirements

d. Other Amenities Include:

i. Mobile Device Holder: Offers safe storage of cell phones, tablets, purses off of dirty or wet floors inside toilet compartments.

ii. Paper Towel Dispenser: Helps to minimize touch points in the toilet compartment

iii. Hand Sanitiser Dispenser

3. Cubicles and Partitions: Identify partition or cubicle systems and hardware that can operate without grasping latch with fingers. Consider manual operation using elbow, forearm or side of fist.

a. Materials: Compartments should be manufactured of materials that have non-porous surfaces for infection control and easy cleaning. Use of porous, soft, easily scratched, heavily textured surfaces should be avoided. Use Environmental Protection Agency (EPA) approved disinfectants having label claims against emerging viral pathogens. Refer to manufacturers' technical data regarding porosity, scratch resistance and fire code compliance, along with maintenance and cleanability.

b. Privacy: Within standard individual and accessible toilet compartments, modify them so they extend to within 76mm of the floor. To achieve social distancing in existing restrooms, consider blocking alternating stalls.

c. Distancing: Add floor marking of 1-metre distance in front of toilet compartments to organize queuing or consider occupancy indicators on doors or above stalls.

4. Urinals: Physical distancing can be achieved by blocking-off alternating adjoining urinals to control capacity.

a. Increase Size of Urinal Screens. Floor-mounted urinal screens should be 2134mm high minimum, 610mm minimum depth and extend to within 76mm of the floor. Width of individual urinal space must be 762mm minimum to comply with accessibility standards.

b. Signage: Add floor marking of 1-metre distance in front of urinals to organize queuing.

Amenities: Consider placing a personal device holder, shelving or hand sanitiser dispensers at urinals.

c. Urinal Screens Material: Divider screens should be manufactured of materials that have non-porous surfaces for infection control and easy cleaning. Use of porous, soft, easily scratched, heavily textured surfaces should be avoided. Use Environmental Protection Agency (EPA) approved disinfectants having label claims against emerging viral pathogens. Refer to manufacturers' technical data regarding porosity, scratch resistance and fire code compliance, along with maintenance and cleanability.

Product model numbers for inside Toilet Compartments & Urinals areas:

- B-635** Klutch Mobile Device Holder
- B-2012** Automatic Wall-Mounted Hand Sanitiser Dispenser
- B-2621** ClassicSeries Surface-Mounted Paper Towel Dispenser
- B-270** ConturaSeries® Surface-Mounted Sanitary Napkin Disposal
- B-35303** TrimLineSeries Recessed Sanitary Napkin Disposal
- B-3013** TrimLineSeries Recessed Seat-Cover Dispenser
- B-3588** TrimLineSeries Surface-Mounted Toilet Tissue Dispenser
- B-3091** ClassicSeries Recessed-Mounted Toilet Tissue, Seat-Cover Dispenser & Waste Disposal
- B-3092** ClassicSeries Recessed-Mounted Toilet Tissue, Seat-Cover Dispenser & Waste Disposal
- B-5806** Series Straight Grab Bar (x 36 and x 48)
Also available in Doc M and DDA compliant models.

Bobrick's Cubicle & Toilet Partition Systems

PRIVADA® Cubicles
Evolve Cubicles
Traditional DuraLineSeries® CGL
SierraSeries® SCRC
DesignerSeries™ HPL
TrimLineSeries™ HPL
Thrislington Cubicles

For a complete listing of products and supporting documents, see bobrick.com.



B-635
Klutch Mobile
Device Holder

Selector Guide for A Complete Hygienic Washroom

Soap Dispensers

[B-824](#)
[B-858](#)

Hand Sanitising

[B-2012](#)

Towel Dispensers

[B-2621](#)
[B-3974](#)
[B-35903](#)

Hand Dryer

[B-3725](#)

Waste Receptacles

[B-268](#)
[B-35633](#)

Towel Dispenser/
Automatic Hand Dryer/
Waste Receptacle

[B-38030](#)

Sanitary Napkin
Disposal

[B-270](#)
[B-35303](#)

Grab Bars

[B-5806](#)

Seat Cover Dispenser

[B-3013](#)

Toilet Tissue Dispensers

[B-272](#)
[B-3588](#)

Toilet Tissue, Seat-Cover
Dispenser & Waste Disposal

[B-3091](#)
[B-3092](#)

Mobile Device Holder

[B-635](#)

Cubicle & Toilet Partition Systems

[PRIVADA® Cubicles](#)
[Evolve Cubicles](#)
[Traditional DuraLineSeries® CGL](#)
[SierraSeries® SCRC](#)
[DesignerSeries™ HPL](#)
[TrimLineSeries™ HPL](#)
[Thrislington Cubicles](#)

DESIGN

From education and healthcare, recessed and surface-mounted, we have your design.

HYGIENIC

Limiting cross contamination is a major concern. Many Bobrick restroom accessories prevent human tactile interaction or limit contact to the consumables as in paper towels.

DURABLE

Robust engineering and built-in maintainability are the standards for Bobrick restroom accessories, providing life-of-the-building functionality with appropriate maintenance.

COMPLIANT

Bobrick will gladly provide toilet partition accessibility consultation including wheelchair accessibility compartment layouts, approaches, turning radiuses and reach range compliance.

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