BOBRICK

Technical Data

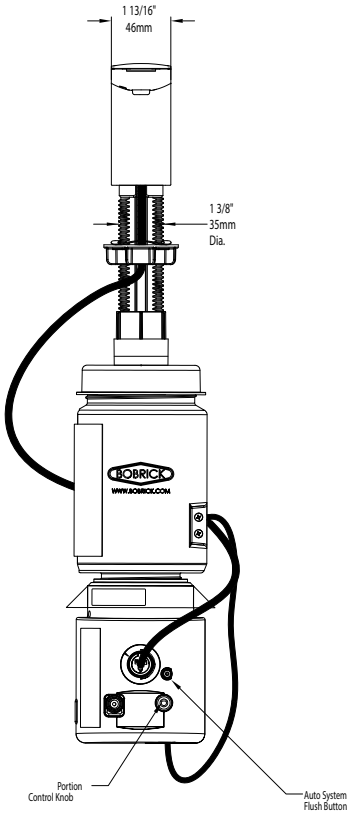
COUNTER-MOUNTED AUTOMATIC TOP-FILL BULK LIQUID SOAP DISPENSER

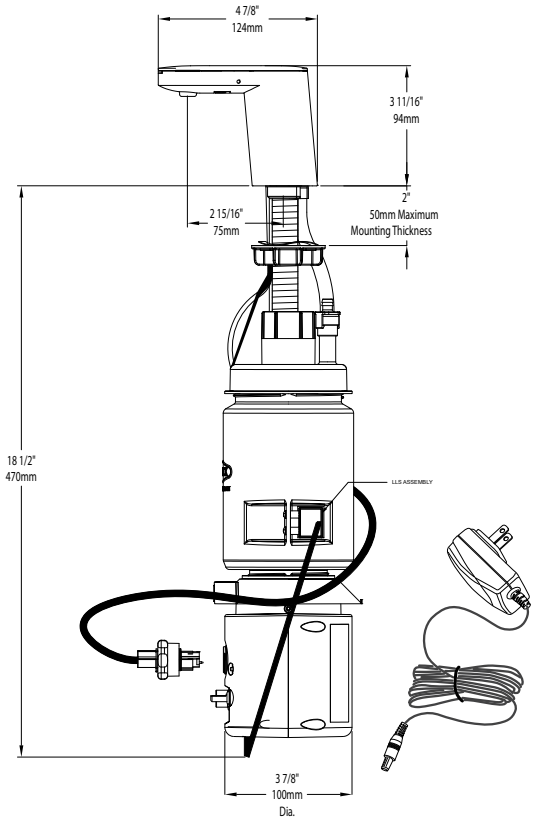
B-95_ SERIES

Specify Finish Required: ❑ B-950 Brushed Brass ❑ B-951 Polished Graphite ❑ B-952 Matte Black ❑ B-955 Brushed Nickel ❑ B-958 Polished Chrome



Patented





MATERIALS:

Spout and Stem Assembly — Above the counter - durable die cast zinc, available in five finishes:

Finish Type	Liquid
Brushed Brass	B-950
Polished Graphite	B-951
Matte Black	B-952
Brushed Nickel	B-955
Polished Chrome	B-958

Unit equipped with a spring-loaded lid that slides open forward, featuring a concealed locking mechanism for top filling. Integrated to Spout are a grey plastic Dispense Tip and Activation Lens Housing. Delrin Stem connects to Plastic Bottle.

Soap Bottle — Translucent, shatter-resistant high-density polyethylene. Capacity: 34-fl oz (1.0-L).

Pump and Soap Delivery System — A plastic Gear Pump submerged in the bottom of the Bottle, pumps the liquid soap through a vinyl tube to spout.

continued . . .

The illustrations and descriptions herein are applicable to production as of the date of this Technical Data Sheet.
The manufacturer reserves the right to, and does from time to time, make changes and improvements in designs and dimensions.

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Bottom Housing — Water-resistant, ABS plastic housing attached to the bottom of the Bottle houses the PC Board, motor that drives the Gear Pump, and the Gear Pump Housing. It includes a Portion Control Knob, Flush Button to allow for system cleaning and maintenance, a connector for the Fiber Optic cables, and Power Port.

Electronic Activation/Indication System — Pair of plastic Fiber Optic cables connects the plastic Activation Lenses to an IR Sensor located on a PC Board in the Bottom Housing. A third plastic Fiber Optic cable connects an LED located on the PC Board to an acrylic Lens at the tip of the Spout. All three cables are Integrated into one Fiber Optic Connector Tip for ease of installation.

Low Soap Level Indicator — Sensor attached to bottle determines when unit's soap level is low. LED light on spout to begin flashing blue when soap level is low with approximately 25% soap capacity remaining.

6V AC Adapter — 6V AC Adapter with U.S. Plug comes standard. For outlets not compatible with U.S. plugs, order Part No. 3974-58.

OPERATION:

To fill dispenser, insert tip of standard BobKey provided into opening of the concealed locking mechanism in the Spout Assembly with spout body to disengage door for quick and easy top filling. Lid will slide open for filling dispenser with bulk **liquid** hand soap only. Do not fill past midway point in funnel. Slide door back to close and lock in place.

To activate dispenser, place hand under spout near the sensor for approximately 1/2 second. Spout dispenses adjustable amount (adjustment range approximately 0.4 to 3ml) of liquid hand soap of various viscosities ranging from 100 to 19,000 cP (centipoise).

LED Lights		
Flash Green	→	During activation
No Light	→	Standby mode and unit contains soap
Flash Blue	→	Unit is low on soap
Solid Red	→	Object remains in activation zone after single activation

Designers Note: Bobrick liquid soap dispensers are designed to dispense commercially marketed all purpose liquid hand soaps that are not alcohol or iodine based.

INSTALLATION:

Unit is designed for installation into counters up to 2″ (50mm) maximum thickness with 1-3/8″ (35mm) diameter mounting hole. Unit may be mounted through special hole requisitioned when lavatory is ordered from manufacturer (specify hole location). Recommended mounting location is between 6″ to 8″ (154 to 203mm) from back wall and 1-5/8″ (41mm) to 2-1/2″ (54mm) from the sink rim to the center of the mounting hole. Minimum 18-1/2″ (470mm) vertical and 5″ (125mm) diameter clearance required for soap bottle and bottom housing below mounting hole. Plug AC Adapter into wall and end plug into power port on bottom housing. Plug in USB cable from Low Soap Level Sensor into bottom of the Bottom Housing.

Designers Note: Unit is not compatible with above the counter sink rims greater than 1-1/8″ W x 1″H (28.5 X 25.5mm) or 1-3/4″ W x 5/8″ H (44.5 x 15.9mm). **Caution:** Sink rim must not come into contact with activation area. For more information refer to Mounting Template included in the Installation Instructions.

SPECIFICATIONS:

Counter-Mounted Automatic Top-Fill Bulk Liquid Soap Dispenser shall dispense adjustable amount .4 to 3ml of commercially marketed all-purpose bulk liquid hand soaps, do not use iodine based or alcohol based soaps or sanitizers. Spout assembly shall be die cast zinc, with one of five finishes. Stem is integrated with spout and shall be Delrin plastic and accommodate up to 2″ (50mm) thick counter tops. Unit shall be equipped with oversized funnel shape opening, covered by a sliding lid with concealed locking mechanism to allow for top filling. Unit shall have LED indicators to show when unit has been activated and when soap level in the bottle is low. Unit shall have IR Sensor located on PC board housed in a water-resistant plastic housing. Activation Lens shall allow for defined activation range to eliminate chance of false activation during hand washing. Portion Control Knob shall allow field adjustment of desired volume of soap dispensed per hand wash. Unit shall be equipped with an Automatic System Flush Button to allow for cleaning and maintenance. Comes with 6V AC adapter.

Counter-Mounted Automatic Top-Fill Liquid Soap Dispenser shall be _____ (insert model number) of Bobrick Washroom Equipment, Inc., Clifton Park, New York; Jackson, Tennessee; Los Angeles, California; Bobrick Washroom Equipment Company, Scarborough, Ontario; Bobrick Washroom Equipment Pty. Ltd., Australia; and Bobrick Washroom Equipment Limited, United Kingdom.

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