BOBRICK

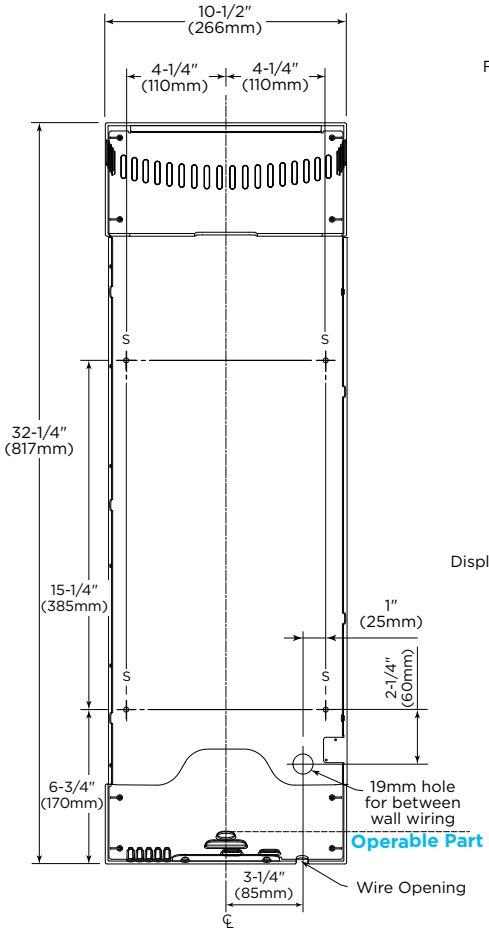
Technical Data

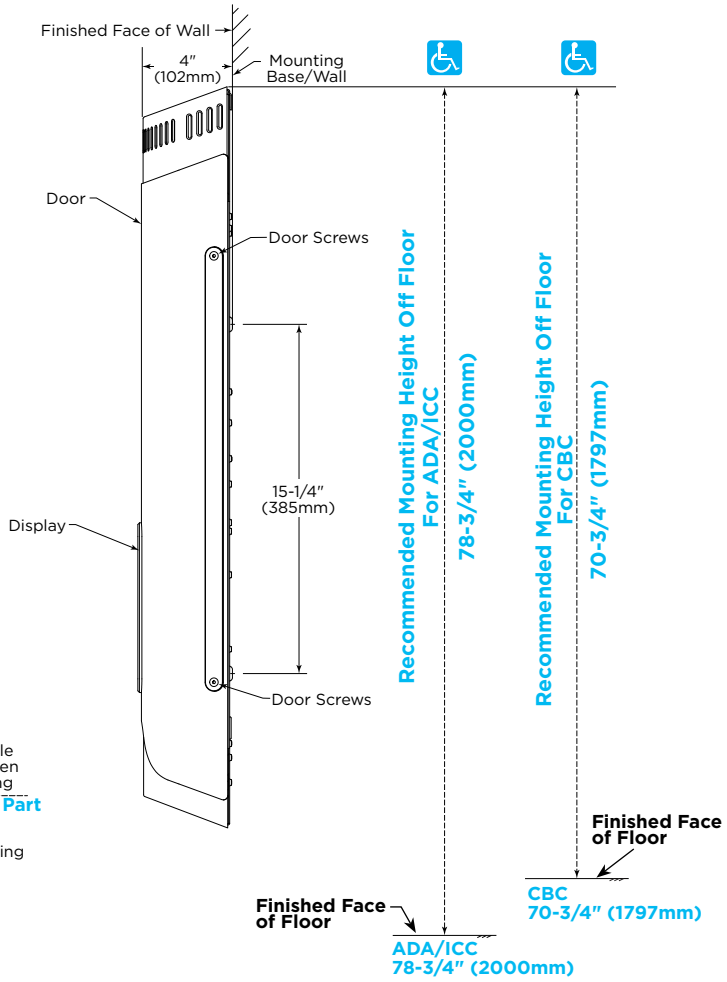
PUREDRI AUTOMATIC HAND DRYER AND AIR/HAND SANITIZER

B-9100

Universal Voltage:

- 110V–240V, 1.7 AMP, 50/60 Hz, 115 volts, 0.2 kW. UL-certified and CARB-approved.





CAPE COD SYSTEMS CORPORATION

TEL. 1-888-227-8555

www.capecodsystems.com

ADA/CBC Installation Guidance

***Operable Part:** Hand dryer sensor

Maximum mounting height of Operable Part:

ADA/ICC: 48" maximum above finished floor (AFF)

CBC: 40" maximum above finished floor (AFF)

*For more information regarding operable parts, please refer to Bobrick Planning Guide for Accessible Restrooms, page 9.

MATERIALS:

Cover Door — 18-8, Type-304 stainless steel 1.2mm thick with #4 satin-finish vertical grain. Air-inlet is vandal-resistant. Cover-door projects no more than 4" (100mm) from wall and is secured to mounting base via piano hinge (unit's left side) with two recessed socket button head cap screws (unit's right side).

Mounting Base — 1.5mm thick Steel, Electrogalvanized, Cold-rolled, Commercial quality (SECC) punched and formed.

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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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Disinfection — Air-Outlet Chamber enclosed and ventilated. Chamber contains a UV-lamp with dual waveband at 254 nm and 185 nm being surrounded by nano-coated catalytic Titanium-plates.

Dryer Motor — Brushless 24Vdc with built in thermal protection. Ball bearings. Operates at 40,000 RPM.

Blower — Backward curved radial bladed impeller in polycarbonate housing.

Electronic Control — Infrared sensor is preset to drying time of 20 seconds followed by hand sanitizing airflow of 6 seconds when hands are held under air-outlet opening and across path of sensor.

5-Year Limited Warranty — In addition to Bobrick's one-year guarantee, Bobrick extends a limited 5-year warranty from the date of purchase on all parts for model B-9100. This warranty is limited to the repair or exchange of defective parts at the option of Bobrick and is only extended to the original owner of the installed unit against defects in factory workmanship or material under normal use and service.

INSTALLATION:

Wall preparation — Locate mounting base on wall using template provided. For brick, stone, and concrete walls drill four 0.315" (8mm) holes for provided wall plugs 0.315" x 1-1/4" (8 x 45mm) and screws # 10 x 2" (4.8 x 50mm) long. See template for wall plug and screw installation details. For plaster or dry wall construction, provide concealed backing to comply with local building codes and secure with four #10 (4.8) round-head sheet-metal screws or 3/16" (5mm) toggle bolts (not furnished). Provide electrical service from nearest distribution panel to dryer mounting base in conformance with local electrical codes.

Wiring Instructions:

1. For 115-Volt Models — Connect ground wire to ground terminal marked ⏚, the black or hot wire to terminal marked L1, and neutral or white wire to terminal marked N.

2. For 208–240-Volt Models — Connect ground wire to ground terminal marked ⏚ and the 208- or 240-volt wires to terminal marked L1 and L2.

3. This is a class 1 product and requires grounding.

Notes: Electronic sensor will pick up movement within 6" (150mm) of the air-outlet opening. Use caution when choosing location for automatic model in confined areas. Consider proximity to doorways and other traffic areas. Bobrick automatic hand dryers should be installed at least 19-3/4" (500mm) above any projection or horizontal surface which may interfere with the operation of the automatic sensor.

Replacement Parts:

Cover	9100-150
UV Bulb	9100-18
Controller	7125-25
Controller Loom (Wiring)	7125-30

SAFETY WARNING:

Installation and wiring must conform to current local regulations and building codes. Unit must be installed by a qualified electrician. Turn off electrical power supply before making electrical connections. If the unit fails or malfunctions, it should be disconnected from the power supply and a qualified electrician should be called. To avoid potential injury, the building owner or maintenance personnel should remove the unit from service if the grille is missing or damaged.

SPECIFICATION:

Surface-mounted Automatic Hand Dryer and Air/Hand Sanitizer shall have an energy consumption of only 200 watts. Unit shall have 18-gauge (1.2mm) thick Type-304 stainless steel cover with #4 satin finish vertical grain. The slim profile cover shall project no more than 3 7/8" (98mm) from the finished face of wall to comply with accessible design guidelines (including ADAAG in the U.S.A.) and have a dry time of 20 seconds followed by a sanitizing airflow of 6 seconds. Dryer shall be universal, to accommodate voltages between 110-240V. Dryer shall be secured to concealed mounting bracket with vandal-resistant screws. Electronic sensor automatically turns dryer on when hands are held under air-outlet opening and across path of sensor and has a limited 5-year warranty on all parts.

PUREDRI Automatic Hand Dryer and Air/Hand Sanitizer shall be Model B-9100 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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