

BOBRICK**Technical Data**

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**SURFACE-MOUNTED
AUTOMATIC HAND DRYER**

B-7179

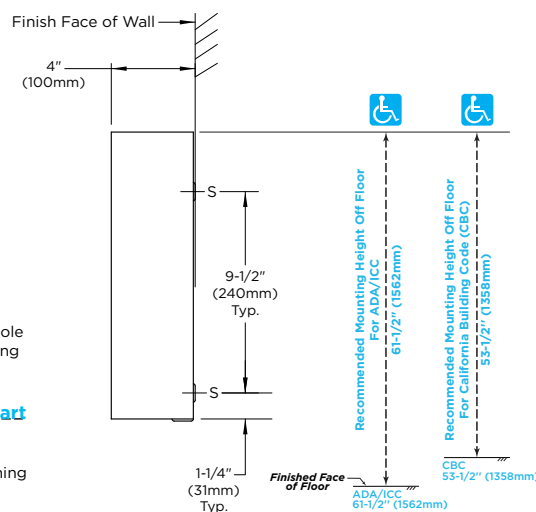
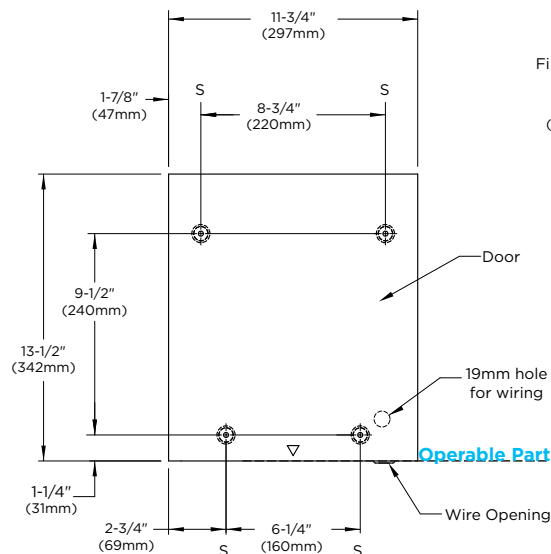
SERIES B

Specify Voltage Required:

- ☐ **B-7179 115v** - 115v, 8.2 AMP, 50/60 Hz, 1000 Watts, cULus Listed and CE Marked.
- ☐ **B-7179 230v** - 230v, 4.0-4.4 AMP, 50/60 Hz, 1000 Watts, cULus Listed and CE Marked.

Specify Finish Required:

- ☐ Stainless Steel, Satin Finish, please use model no. B-7179 115v or B-7179 230v
- ☐ Stainless Steel, Matte Black Finish, please use model no. B-7179.MBLK 115v or B-7179.MBLK 230v

**ADA/CBC Installation Guidance**

***Operable Part:** Electronic sensor on the bottom of the hand dryer cabinet.

Maximum mounting height of Operable Part:

ADA/ICC 48" (1220mm) above finished floor (AFF)
CBC: 40" (1015mm) above finished floor (AFF)

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

MATERIALS:

Cover — 18-8, Type-304 stainless steel 18-gauge, 1.2mm thick with satin-finish vertical grain or matte black, as specified. Air-inlet is vandal-resistant. Cover projects no more than 4" (100mm) from wall and is secured to mounting base with two recessed socket button head cap screws.

Mounting Base — 1.5mm SECC punched and formed.

Motor — Thermally protected brush motor. 1/7 hp, 8000 rpm. Shielded ball bearings at both ends.

Heating Element — Coiled Nichrome heating element mounted on a mica frame, protected by integral automatic thermal overload device to heat air without hot spots and remain inaccessible to vandals.

Electronic Control — Infrared sensor automatically turns dryer on when hands are held under air-outlet opening and across path of sensor. Remove hands from path of sensor and dryer stops. Electronic sensor has automatic shutoff approximately 85 seconds after dryer turns on if an inanimate object is placed across air-outlet opening. After inanimate object is removed, electronic sensor automatically resets itself and dryer operates normally.

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OPERATION:

No touch operation: Infrared sensor automatically turns dryer on when hands are held under air-outlet opening and across path of sensor. Remove hands from path of sensor and dryer stops. Electronic sensor has automatic shutoff approximately 85 seconds after dryer turns on if an inanimate object is placed across air-outlet opening. After inanimate object is removed, electronic sensor automatically resets itself and dryer operates normally.

7-Year Limited Warranty — In addition to Bobrick's one-year guarantee, Bobrick extends a limited 7-year warranty from the date of purchase on all parts for model B-7179, except for motor brushes, which are warranted for 3-years. 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 to suit 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.

Dryer Wiring Instructions:

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

2. For 208-240-Volt Dryers — Connect ground wire to ground terminal marked \equiv 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 in Automatic dryers will pick up movement within 6" (150mm) of the air-outlet opening. Use caution when choosing location for Automatic dryers 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	7179-250 115v, 7179-250 230v, 7179-250.MBLK 115v, 7179-250.MBLK 230v
Controller	718-360
Motor Brush	7180-121

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 high-speed hand dryer shall have an energy consumption of 1000 watts. Unit shall have 18-gauge (1.2mm) thick Type-304 stainless steel cover with satin-finish vertical grain or matte black, as specified. 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). The dryer cover shall feature edge-to-edge Class-A seam welding). 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. Dryer turns off automatically when hands are removed. Sensor automatically shuts dryer off approximately 85 seconds after dryer turns on if an inanimate object is placed across air-outlet opening. After object is removed, sensor automatically resets itself and dryer operates normally. Unit is cULus Listed and is CE marked. Dryer has a limited 7 year warranty on all parts, except for motor brushes, which are warranted for 3 years.

Surface-Mounted Automatic Hand Dryer shall be Model B-7179 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.