

# INSTALLATION INSTRUCTIONS

## Recessed Hand Dryer

B-3725 115V / 230V



**BUILDING VALUE SINCE 1906**

# Electrical Characteristics

**Model ADA Recessed Hand Dryer B-3725 115V**, 8.5 Amp, 1000 Watts, 50/60 Hz, Single Phase, cULus listed.

**Model ADA Recessed Hand Dryer B-3725 230V**, AC, 4.0-4.4 Amp, 1000 Watts, 50/60 Hz, Single Phase; cULus listed and CE marked.

Installation instructions and template provide information that will assist in the installation of the Bobrick B-3725 115V / 230V. Retain Installation Instruction Sheet for important maintenance instructions and warranty information.

## Recommended Mounting Heights

Distance from floor to bottom mounting screw holes of mounting base.

Children's Washrooms, ages 3-4.....	36" (915mm)
Children's Washrooms, ages 5-8.....	40" (1015mm)
Children's Washrooms, ages 9-12.....	44" (1120mm)
Universal Design .....	40" - 48" (1015 x 1219mm)

Bobrick automatic hand dryers should be installed at least 15" (380mm) above any projection or horizontal surface which may interfere with the operation of the automatic sensor.

## Important Notes

Warm air hand dryer is intended for use in an indoor environment by non-expert users. This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision. Electronic automatic dryer sensor will pick up movement within 4" (100mm) of the air outlet opening.

## 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.**

## Installation of Cabinet

Provide framed rough wall opening 10-7/8" wide x 23" high (277mm x 585mm). Minimum recessed depth required to finish face of wall is 4" (100mm). Allow clearance for construction features that may protrude into rough wall opening from opposite wall. Coordinate with mechanical engineer to avoid pipes, vents and conduits. If unit projects above top of wainscot, provide channel or other filler to eliminate gap between cabinet flange and finish face of wall.

1. Loosen dryer cover by removing the mounting screws located at the bottom of the unit using Torx T20 bit provided. (See Fig. 1)
2. Pull bottom side of dryer cover forward and lift up carefully to disengage dryer cover. (See Fig. 1)

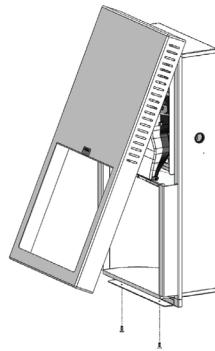


Fig. 1

4. Slide absorbent ceramic surface forward and out of cabinet and set aside. (See Fig. 3)

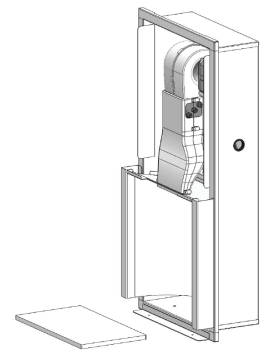


Fig. 3

3. Unplug the sensor wires from dryer to separate dryer cover from cabinet and set aside. (See Fig. 2)

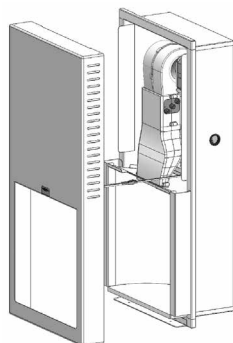


Fig. 2

5. Provide electrical service from nearest distribution panel to dryer mounting base in conformance with local electrical codes. Use wire as required by local electrical code, No. 12 (3.31mm<sup>2</sup> dia.) wire or larger. (See Fig. 4)

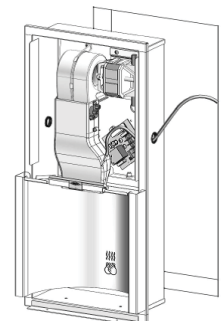


Fig. 4

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## Installation of Cabinet (cont.)

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- a. Electrical supply entry holes are located in the rear and sides of cabinet. Supply cable with supplementary insulation into one of these locations in the unit cabinet. Cabinet should be fitted with a conduit connection. Plastic grommet supplied to use as necessary.
- b. This appliance is intended for connection to fixed wiring.
- c. A fused means for disconnection in all poles must be provided in the fixed wiring in accordance with the wiring rules.
- d. Check that the electrical rating shown on the dryer (rating label) is compatible with the electrical supply.
- e. **WARNING: THIS PRODUCT MUST BE GROUNDED (EARTHED).**
- f. For 115-Volt Dryers, connect ground wire to ground terminal marked  $\oplus$ , the black or hot wire to terminal marked L1, and neutral or white wire to terminal marked N. **A DEDICATED LINE IS REQUIRED FOR EACH 115-VOLT INSTALLATION.** (See Fig. 5)
- g. For 208–240 Volt Dryers, connect ground wire to ground terminal marked  $\oplus$  and the 208–240 volt wires to terminal marked L1 and L2. (See Fig. 5)

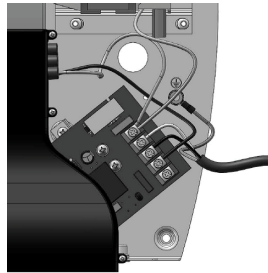


Fig. 5

6. Mount unit into wall opening with shims between framing and cabinet at screw hole locations.
7. Secure using #8x1-1/4" (4.2 x 32mm) sheet metal screws (not furnished). (See Fig. 6)
8. Insert absorbent ceramic into place. Make sure ceramic is fully inserted so that it does not interfere with the dryer cover.
9. Connect activation sensor wires to dryer.
10. Replace dryer cover by engaging the top side first, then secure with screws.

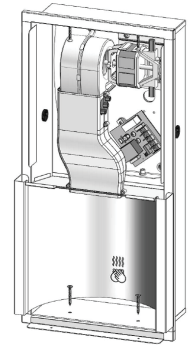


Fig. 6

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## Check Dryer Operation

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1. Turn electrical power supply on.
2. Wait until activation sensor light flashes green.
3. Position hands under air outlet, within (4") of air outlet opening.
4. Dryer should turn on. Warm air should blow from air outlet.
5. Remove hands from under air outlet and dryer should stop (within 2 seconds).

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## Maintenance

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**WARNING: MOTOR LAMINATIONS ARE LIVE. TURN ELECTRICAL POWER SUPPLY OFF BEFORE DOING ANY MAINTENANCE OR SERVICE TO DRYER. DRYER MUST NOT BE OPERATED UNLESS COVER IS IN PLACE.**

**FOR PROPER ELECTRICAL CONNECTIONS, CHECK LOCAL BUILDING CODE. UNIT MUST BE INSTALLED BY A QUALIFIED LICENSED ELECTRICIAN**

1. Exterior of cover should be cleaned with a damp cloth to remove dust and surface dirt. Do not use abrasive agents or solvents as they may permanently damage surface of cover.
2. At least once every 6 months remove cover. Using a small brush or vacuum, clean out buildup of dust and lint from air-intake grille and baffle.

**NOTE:** if dryer is installed where there is a lot of dust and dirt in the air, the interior of the dryer should be cleaned out more frequently

### Replacement Parts:

Absorbent Material	3725-23
Door	3725-53
Motor Brushes	700-121.

# Warranty

**IMPORTANT**

**LIMITED WARRANTY**

**SAVE**

Installation Date: \_\_\_\_\_

Serial No(s): \_\_\_\_\_

Installation Address: \_\_\_\_\_

Telephone No.: \_\_\_\_\_

The Bobrick B-3725 115V / 230V Dryer of the serial number(s) indicated herein, and all parts, except for the motor brushes and absorbent material are warranted to the original owner of the installed unit for five years from date of original purchase against defects in factory workmanship or material under normal use and service\*. Motor Brushes shall have a three year warranty. Absorbent Material shall have a one year warranty.

This warranty is limited to repair or exchange of defective parts at the option of Bobrick.

**THIS WARRANTY DOES NOT COVER ACCIDENTAL DAMAGE, IMPROPER HANDLING OR INSTALLATION, OR REPAIRS MADE BY UNAUTHORIZED PERSONS, AND SPECIFICALLY EXCLUDES CLAIMS FOR INDIRECT, ACCIDENTAL OR CONSEQUENTIAL DAMAGES TO PROPERTY. THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE LIMITED TO THE SAME DURATION OF THE ABOVE WARRANTY.**

Some states do not allow the exclusion of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

\* Normal service constitutes performing the following preventive maintenance procedure: Clean any lint, dust or grease from air-inlet and air-outlet grilles.

Labor costs for preventive maintenance shall be at owner's expense.

For repair or exchange of defective part, send the part together with installation date and serial number to BOBRICK.



**BUILDING VALUE SINCE 1906**

**BOBRICK.COM**

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