

# INSTALLATION INSTRUCTIONS

## ECLIPSE™ SURFACE-MOUNTED AUTOMATIC HAND DRYER



## Electrical Characteristics

Models B-740 (Vitreous enamel cover), B-748 (Chrome-plated cover), 115V AC, 20 Amp, 2300 Watts, 50/60Hz, Single Phase; UL/c-UL Listed, VDE Approved and CE marked.

Models B-740 (Vitreous enamel cover), B-748 (Chrome-plated cover), 208–240V AC, 9–10 Amp, 1900–2300 Watts, 50/60Hz, Single Phase; VDE Approved and CE marked, UL/c-UL Listed.

## Recommended Mounting Heights

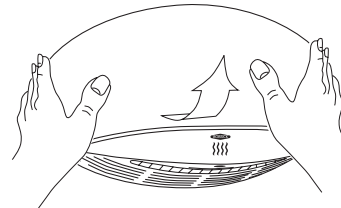
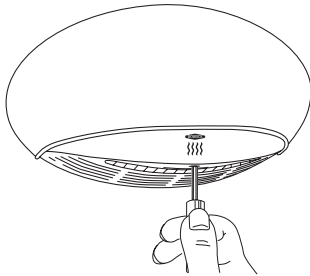
Distance from floor to bottom mounting screw holes of mounting base.

Men's Washrooms .....	45-1/4"	(1150mm)
Women's Washrooms .....	43-1/4"	(1100mm)
Children's Washrooms, ages 3-9 .....	31-1/4"	(795mm)
Children's Washrooms, ages 9-12 .....	35-1/4"	(895mm)
Children's Washrooms, ages 12-15 .....	39-1/4"	(995mm)
Children's Washrooms, ages 15-18 .....	43-1/4"	(1100mm)
For the Handicapped .....	37-1/4"	(945mm)

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

## Removal of Cover

1. Start installation of dryer by removing cover. Loosen single cover-locking screw located in recess in the air inlet/outlet grille using a Phillips-head screwdriver.
2. To remove cover, place a hand on each side of the cover and tip the bottom away slightly from the air inlet/outlet grille. Lift the cover upwards to release the top retaining bracket from the mounting base.



## Installation of Mounting Base

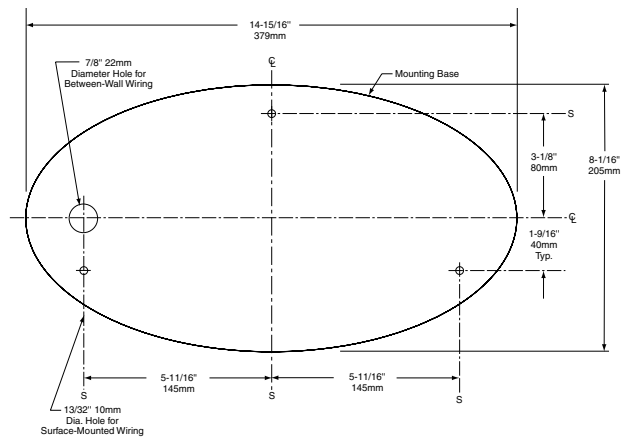
1. Place mounting base on wall at the desired location of the installed dryer. See recommended mounting heights on page 3.
2. Use the mounting base or the template provided with dryer to mark location of three mounting screw holes and access hole for electrical wiring (if electrical supply is concealed in wall and will enter dryer from back through mounting base).

**NOTE:** Surface mounted electrical supply (line cord) is attached to dryer through hole in air inlet/outlet grille in lower left corner.

3. Drill three holes for #10 (M4.8) diameter mounting bolts or screws (not furnished by Bobrick).
4. For masonry walls provide three #10 expansion shields or anchors, then secure with three #10 (M4.8) sheet-metal screws (not furnished). For plaster or dry wall construction, provide concealed backing to comply with local building codes and secure with three #10 (M4.8) round-head sheet-metal screws, or 3/16" (5mm) toggle bolts (not furnished).

**NOTE:** Use 1-3/4" (45mm) screws.

5. Fasten mounting base securely to wall.



**WARNING: TURN ELECTRICAL POWER SUPPLY OFF BEFORE MAKING ELECTRICAL CONNECTIONS. DRYER MUST BE GROUNDED (EARTHED).**

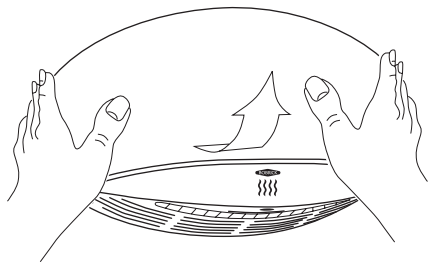
## Electrical Connection

1. Connect dryer to nearest distribution panel. Use wire as required by local electrical code. In the United States and Canada use #12 wire or larger.
2. **For Model B-740 115V and B-748 115V Dryers:** Connect ground (earth) wire to ground (earth) terminal on the mounting base marked  $\text{⏏}$ . Connect the black or *Hot* wire to terminal marked *L* and the white or neutral wire to terminal marked *N* on the connector block.  
**A DEDICATED LINE IS REQUIRED FOR EACH 115-VOLT DRYER.**
3. **For Model B-740 208–240V and B-748 208–240V Dryers:** Connect ground (earth) wire to ground (earth) terminal on the mounting base marked  $\text{⏏}$  and the 208 or 240 Volt wires to terminals marked *L* and *N* on the connector block.
4. Secure electrical wire in strain relief clamp provided on mounting base.

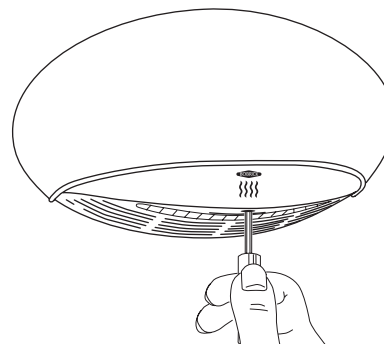
## Replace Cover

1. Replace cover by positioning the top retaining bracket at top rear edge of cover, behind the back of mounting base. Tilt cover downwards and over flange on air inlet/outlet grille. Ensure that the rubber strip is in place between the cover and the grille.

**NOTE:** Space between cover and wall must be the same on both sides.

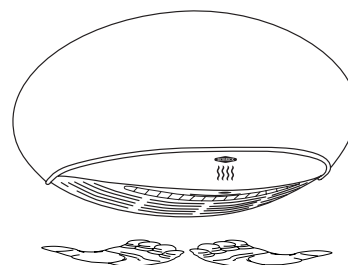


2. Tighten the single cover-locking screw located in recess in the air inlet/outlet grille.



## Check Dryer Operation

1. Turn electrical supply on. Position hands under air-outlet opening and dryer should turn on. Remove hands from under air-outlet opening and dryer should stop.



## Maintenance

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

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 build up of dust and lint from air inlet/outlet grille.

**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.

## Warranty

IMPORTANT	LIMITED WARRANTY	SAVE
Installation Date: _____		
Serial No(s): _____		
Installation Address: _____		
Telephone No.: _____		
<p>The Bobrick Dryer(s) of the serial number(s) indicated herein, and all parts (except motor brushes) are warranted to the original owner of the installed unit for ten years from date of original purchase, against defects in factory workmanship or material under normal use and service.</p> <p>* Motor brushes shall be warranted for three years from date of purchase. This warranty is limited to repair or exchange of defective parts at the option of Bobrick Washroom Equipment, Inc.</p> <p><b>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.</b></p> <p>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.</p> <p>* Normal service constitutes performing the following preventative maintenance procedures at six-month intervals.</p> <p><b>A. Remove cover and clean any lint, dust or grease from air inlet/outlet grille.</b></p> <p><b>B. Visually inspect motor brushes to ensure remaining brush length is a minimum of 1/2-inch (13mm).</b></p> <p>Labor costs for preventative maintenance shall be at owner's expense.</p> <p>For repair or exchange of defective part, send the part, together with installation date and serial number, to BOBRICK.</p>		