

# INSTALLATION INSTRUCTIONS

## B-750 & B-7507 AirCraft® RECESSED-MOUNTED AUTOMATIC HAND DRYER



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BUILDING VALUE SINCE 1906



# Electrical Characteristics

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 Phone: (800) 608-6568  
 Fax: (409) 840-5545  
 info@pandaproducts.com

Hand dryer models B-750 and B-7507, 115V AC, 20 Amp, 50/60 Hz, Single Phase, cULus listed.

Hand dryer models B-750 and B-7507, 208–240V AC, 9–10 Amp, 50/60 Hz, Single Phase; cULus listed, VDE approved, CE marked.

## Recommended Mounting Heights

Distance from floor to bottom of framed wall opening. (Dimension A)

Men's Dressing Rooms .....	73"	(186cm)
Women's Dressing Rooms .....	64"	(163cm)
Children's Dressing Rooms, ages 3-9 .....	46"	(117cm)
Children's Dressing Rooms, ages 9-12 .....	53"	(135cm)
Children's Dressing Rooms, ages 12-15 .....	59"	(150cm)
Children's Dressing Rooms, ages 15-18 .....	64"	(163cm)

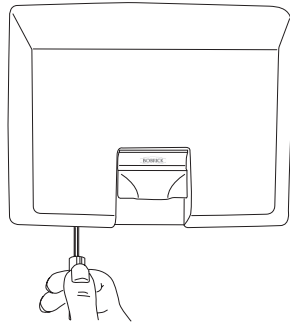
\* Bobrick automatic hand dryers should be installed 15" (380mm) above any projection or horizontal surface which may interfere with the operation of the automatic sensor.

## Important

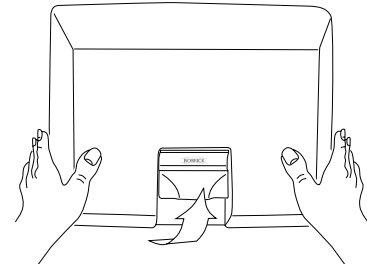
- \* **Warm air hand dryer. Intended for use in a household environment by non-expert users. Not suitable for outdoor use.**
- \*\* **This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge 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.**
- \*\*\* **If a fault develops disconnect the electrical supply, a qualified electrician should be called.**

## Removal of Cover

1. Start installation of aluminum base unit into recessed mounting box by removing cover. To loosen two cover bolts insert Allen Wrench, provided with dryer, into holes located on bottom of cover on each side of air intake grille. Make sure wrench fits into head of cover bolts and turn **CLOCKWISE** until bolts stop turning. When both cover bolts are screwed in all the way, cover can be removed.



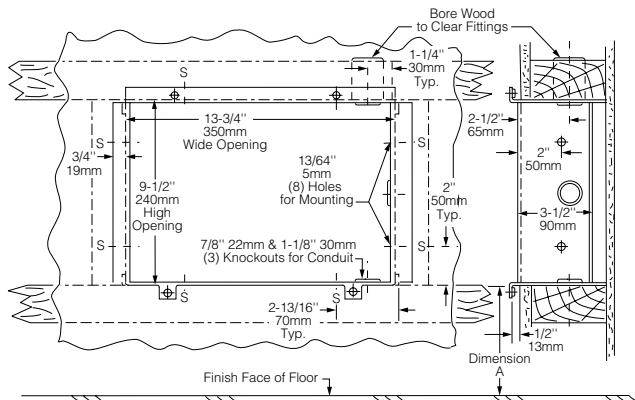
2. To remove cover, place a hand on each side of cover and push up toward top of dryer releasing cover from studs at top of aluminum base unit. Lift cover off mounting base by pulling forward at the bottom and upward at the same time.
3. Insert aluminum base unit into recessed mounting box and fasten to top and bottom flanges of mounting box with the four 1/4-20 UNC (MG-1) screws provided.



## Installation of Aluminum Base Limit Into Recessed Mounting Box

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

1. Provide framed opening in wall 13-3/4" wide x 9-1/2" high x 3-3/4" deep (349 x 241 x 95mm) at the desired location of the installed dryer. See recommended mounting heights above.
2. Frame the opening as shown in diagram to support recessed mounting box.
3. Place the recessed mounting box in wall and cut an opening in the framing to allow clearance for electrical conduit and fittings at one of the three conduit knockout locations.
4. Fasten recessed mounting box to framing with minimum of four No. 10 (M4.8mm) sheet metal screws (not furnished by Bobrick). Make sure flanges of mounting box are completely flat against finished wall surface. If necessary, use shims or spacers between mounting box and framed wall opening to prevent distortion to box as it is fastened to framing.
5. Install electrical conduit from nearest distribution panel to recessed mounting box. Attach conduit fittings to mounting box. Use wire as required by local electrical code. In the United States and Canada, use No. 12 wire or larger. Allow a minimum of 24" (610mm) of wire to remain in recessed mounting box for connection to dryer terminals.



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

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## Electrical Connection

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

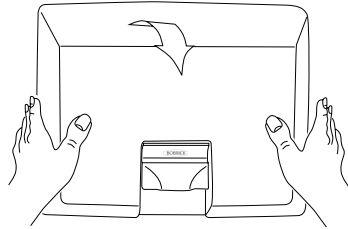
1. Connect dryer to nearest distribution panel. Use wire as required by local electrical code. In the United States and Canada use No. 12 wire or larger.
2. Wiring Instructions:
  - a. This appliance is intended for connection to fixed wiring.
  - b. A fused means for disconnection in all poles must be provided in the fixed wiring in accordance with the wiring rules.
  - c. Check that the electrical rating shown on the Hand Dryer (rating label) is compatible with the electrical supply.
  - d. **WARNING: THIS PRODUCT MUST BE EARTHED.**
  - e. Installation and wiring must conform to current IEE Regulations (UK), local or appropriate regulation (other countries).
  - f. **For 115 Volt Dryers:** Connect ground/earth supply the terminal marked  $\ominus$ , the Live supply to terminal marked L and neutral supply to terminal marked N. **A DEDICATED LINE IS REQUIRED FOR EACH 115 VOLT DRYER.**
  - g. **For 208–240 Volt Dryers:** Connect ground/earth supply the terminal marked  $\ominus$  and the 208-240 Volt wires to terminals marked L (L1) and N (L2).
3. Secure electrical wire in strain relief clamp provided on mounting base.

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## Replace Cover

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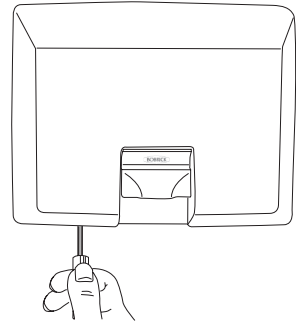
1. Replace cover by positioning top of cover on studs on top of aluminum base unit and tipping bottom of cover toward aluminum base. Push bottom of cover firmly against base.



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

2. To tighten two cover bolts, insert Allen wrench into holes on bottom edge of cover. Make sure wrench fits into head of cover bolts and turn **COUNTERCLOCKWISE** until bolts are tightened.

**NOTE:** Do not overtighten cover bolts; overtightening cover bolts may damage enamel finish.

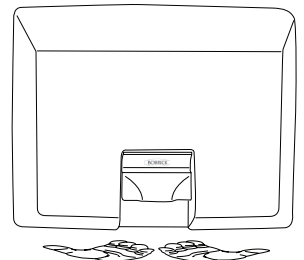


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## Check Dryer Operation

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1. **For TouchButton Hand and Hair Dryers:** Turn electrical power supply on. Touch the chrome-plated touchbutton once and dryer should turn on. Touch the touchbutton again after a few seconds and dryer should stop. If left on, Hand Dryers will shut off automatically after 30 seconds; Hair Dryers will shut off after 80 seconds.
2. **For AutoPilot Hand Dryers:** Turn electrical power supply on. Position hands under nozzle and dryer should turn on. Remove hands from under nozzle and dryer should stop.
3. **For AutoPilot Hair Dryers:** Turn electrical power supply on. Position head under nozzle and dryer should turn on. Remove head from under nozzle and dryer should stop.



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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.

# Warranty

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## IMPORTANT

## LIMITED WARRANTY

Installation Date: \_\_\_\_\_  
Serial No(s): \_\_\_\_\_  
Installation Address: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_

The Bobrick Dryer 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 for No-Touch and TouchButton hand and hair dryers and five years for Model B-709 hand dryer, against defects in factory workmanship or material under normal use and service. \*

\*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.

**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 procedures at six-month intervals.

**A. Remove cover and clean any lint, dust or grease from air-intake grille and baffle from behind air-outlet nozzle.**

**B. Visually inspect motor brushes to insure remaining brush length is a minimum of 1/2 inch (12.7mm).**

**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.

# Garantía

## IMPORTANTE

## GARANTÍA LIMITADA

## COMPLETARY Y GUARDAR

La fecha de instalación: \_\_\_\_\_  
No(s) de serie: \_\_\_\_\_  
Dirección de la instalación: \_\_\_\_\_  
No. de teléfono: \_\_\_\_\_

El Secador Bobrick con el/los número/s de serie indicada aquí, y todas las piezas (excepto las escobillas del motor) están garantizadas al propietario original de la unidad instalada por diez años desde la fecha de la instalación original respecto a los Secadores de Manos y los Secadores de Cabello No-Touch y TouchButton y cinco años respecto al Secador de Manos Modelo B-709, contra defectos de mano de obra en fábrica o de materiales, bajo un uso y servicio normales. \*

\* Las escobillas del motor están garantizadas por tres años desde la fecha de instalación. Se limita esta garantía a una reparación o el cambio de piezas defectuosas a la discreción de Bobrick Washroom Equipment, Inc.

**ESTA GARANTÍA NO CUBRE DAÑOS ACCIDENTALES, EL MANEJO O INSTALACIÓN INADECUADAS NI REPARACIONES POR PERSONAS NO AUTORIZADAS, Y EXCLUYE ESPECÍFICAMENTE CUALESQUIER RECLAMOS POR DAÑOS INDIRECTOS, ACCIDENTALES O CONSECUENCIALES A PROPIEDAD. SE LIMITAN LAS GARANTÍAS IMPLÍCITAS DE COMERCIALIZABILIDAD Y APTITUD PARA UN PROPÓSITO ESPECÍFICO A LA MISMA DURACIÓN QUE LA SUSODICHA GARANTÍA.**

Algunos estados no permiten la exclusión de compensaciones incidentales o consecuenciales, así que la susodicha limitación o exclusión quizás no le sea aplicable. Esta garantía le otorga ciertos derechos legales específicos, y posiblemente tiene otros derechos que pueden variar entre estados.

\* El servicio normal consiste en realizar los siguientes procedimientos de mantenimiento preventivo a intervalos de seis meses.

**A. Retirar la cubierta y eliminar cualesquier hilos, polvo o grasa de la rejilla de entrada y del deflector desde detrás de la tobera de salida de aire.**

**B. Inspeccionar las escobillas del motor para asegurar que queda una longitud de escobilla mínima de 13 mm (1/2").**

**Los gastos de mano de obra del mantenimiento preventivo correrán a cargo del propietario.**

Para reparar o cambiar una pieza defectuosa, sírvase enviar la pieza con su fecha de instalación y número de serie a BOBRICK.

# Warranty

## WICHTIG

## BESCHRÄNKE GARANTIE

## AUFHEBEN

Installationsdatum: \_\_\_\_\_  
Seriennummer(n): \_\_\_\_\_  
Standort (Adresse): \_\_\_\_\_  
Telefonnummer: \_\_\_\_\_

Bobrick bietet dem Erstkäufer der installierten Einheit des Trockners von Bobrick mit der o. a. Seriennummer und aller Teile (mit Ausnahme der Motorbürsten) eine 10jährige Garantie ab dem ursprünglichen Installationsdatum des No-Touch and TouchButton-Hände- und Haartrockners und eine 5jährige Garantie für das Handtrocknermodell B-709 für Material- und Fertigungsfehler bei normalem Einsatz und Betrieb. \*

\* Motorbürsten haben eine 3jährige Garantie ab Installationsdatum. Die Garantie ist auf Reparatur oder Ersatz der fehlerhaften Teile, im Ermessen von Bobrick Washroom Equipment, Inc., beschränkt.

**DIE GARANTIE DECKT KEINE UNFALLSCHÄDEN, UNSACHGEMÄSSE VERWENDUNG ODER INSTALLATION, ODER VON UNBEFUGTEN PERSONEN DURCHFÜHRTE REPARATUREN, UND SCHLIESST INSBESONDERE ANSPRÜCHE FÜR MITTELBARE, UNFALL- ODER FOLGESCHÄDEN VON GEGENSTÄNDEN AUS. DIE IMPLIZIERTEN GARANTIEN VON HANDELSFÄHIGKEIT UND EIGNUNG FÜR EINEN BESTIMMTEN ZWECK SIND AUF DENSELBEN ZEITRAUM WIE DIE O. A. GARANTIE BESCHRÄNKT.**

Einige Staaten lassen den Ausschluss von mittelbaren oder Folgeschäden nicht zu, weshalb sich die o. a. Beschränkung bzw. der Ausschluss evtl. nicht auf Sie bezieht. Einige Staaten lassen keine Beschränkung über die Dauer einer implizierten Garantie zu, weshalb sich die o. a. Beschränkung evtl. nicht auf Sie bezieht. Diese Garantie bietet Ihnen spezielle gesetzliche Rechte und Sie haben evtl. auch andere Rechte, die von Staat zu Staat unterschiedlich sind.

\* Ein normaler Betrieb bedeutet die Durchführung der folgenden vorbeugenden Wartungsarbeiten in Abständen von sechs Monaten

**A. Nehmen Sie das Gehäuse ab und entfernen Sie evtl. vorhandenen Fussel, Staub oder Schmiere vom Lufteinlass-/auslassgitter und Ablenkblech hinter der Luftauslassdüse.**

**BFühren Sie eine optische Prüfung der Motorbürsten durch, um sicherzustellen, dass die verbleibende Bürstenlänge mindesten 13 mm ist.**

**Die Lohnkosten für die vorbeugende Wartung müssen vom Besitzer getragen werden.**

Zur Reparatur oder zum Ersatz des fehlerhaften Teils senden Sie dieses unter Angabe des Installationsdatums und der Seriennummer an BOBRICK zurück.



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