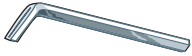
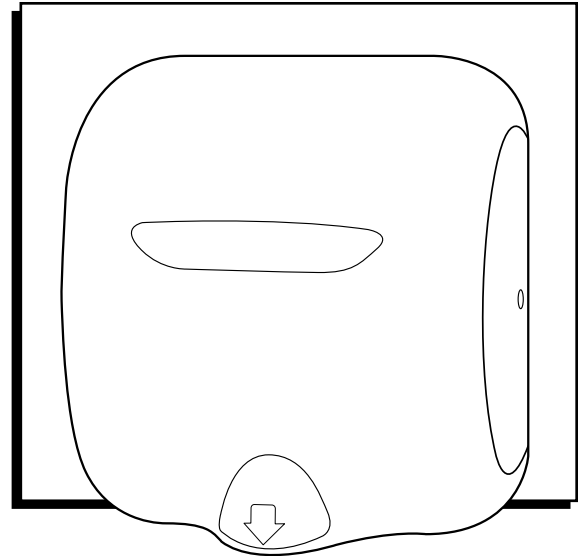


AUTOMATIC HAND DRYER

TOOL INCLUDED



Tamperproof Wrench



PRE-INSTALLATION WIRING



WARNING! For proper electrical connections, check the local building codes. The dryer must be installed by a qualified, licensed electrician.

Check that the electrical supply corresponds to that shown on the rating sticker of the unit. If the dryer is connected to any electrical supply other than what is stated on the rating sticker of unit, permanent damage or improper, unsafe operation may result.

Make sure electricity is turned off at the main panel before installing, maintaining or cleaning this hand dryer. Dryer must be installed in accordance with current local wiring and building regulations.

Do not wire this hand dryer into the lighting circuit. It must be protected by an independent circuit.

The dryer is intended to be permanently connected to a power supply and must be properly grounded.

SAFETY

Troubleshooting and inside maintenance must be performed by qualified service personnel.

Do not use any power wash equipment for cleaning on or near this unit.

Do not use the dryer for drying hair.

Do not obstruct air inlets or outlets.

INSTALLATION

1. Disconnect the power source previously brought to the hand dryer location.
2. Use the tamperproof wrench to remove the two cover mounting screws, and lift cover to remove from base plate.
3. If electrical wiring entry is to be made from the rear, remove the appropriate pre-formed knockout on the base plate. If entry is to be made from the bottom, knock out the pre-formed area on the cover for the supply connection. A rigid conduit with a diameter of 7/8" must be used.
4. Select the appropriate mounting height for dryer and fastener. (See Figure 1) There should be no obstruction between the hand dryer and the floor. If mounting over a countertop, distance from counter to dryer must be 15" minimum.

Figure 1

MOUNTING HEIGHTS (FLOOR TO BOTTOM OF UNIT)	
Men's	45" (114 cm)
Ladies'	43" (109 cm)
Teenagers'	41" (104 cm)
Small Children	35" (89 cm)
Handicapped	37" (94 cm)

RECOMMENDED FASTENER	
Masonry Wall	1/2" expansion sleeve with 1/4" lag bolt
Hollow Wall	1/4" wing type toggle bolt
Wooden Wall	1/4" lag screw with washer



CAUTION! Do not use the base plate as a guide when drilling. Make sure no pipe work (gas, water, air) or any electrical cables or wires are located directly behind the area to be drilled.

INSTALLATION CONTINUED

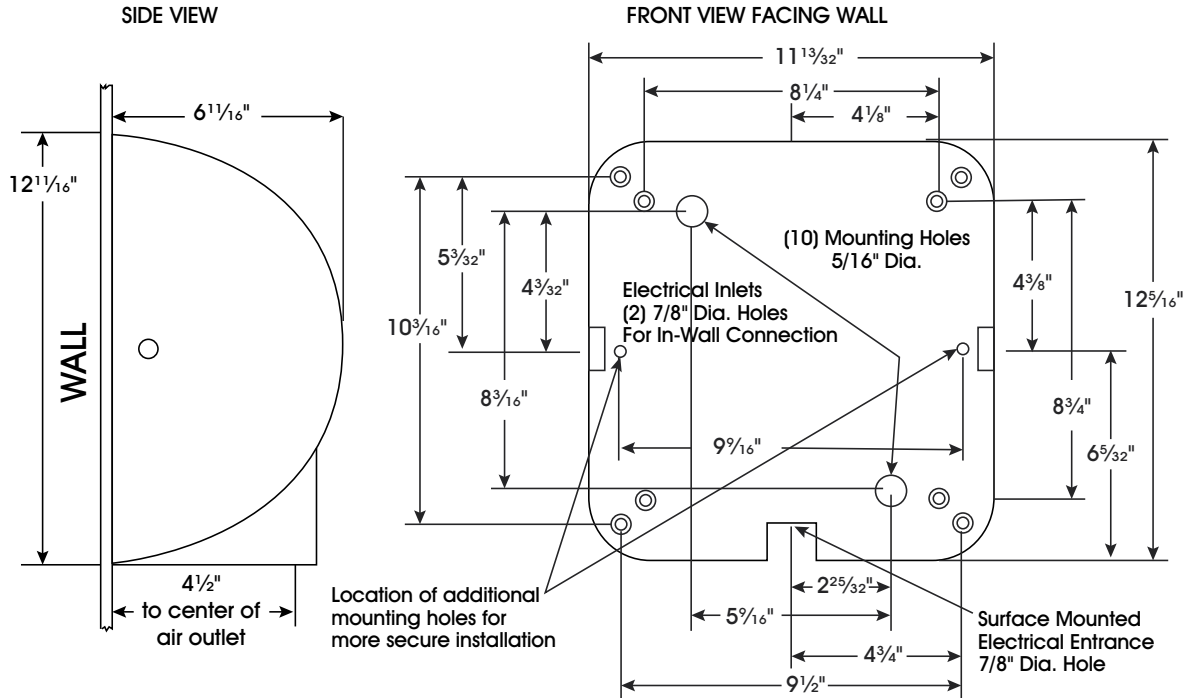


Figure 2

5. Attach base plate at the four corners to smooth wall (remove control assembly to access the right side mounting hole). For most secure installation, use two additional mounting holes. (See Figure 2)
6. Connect the 120 V dryer to a dedicated branch circuit not exceeding 20 Amp.
7. Secure electrical wiring to terminals as indicated by the schematic affixed to blower housing. An identified ground connection point is supplied on the base plate for the equipment ground wire.
8. Carefully replace cover using the two screws removed in Step 2. Restore power and test for proper operation. In multiple installations, make sure the serial number marked on the inside matches the cover number.

9. Apply a bead of silicone sealant around the outside of the cover at the wall to protect the dryer from internal corrosion caused by wash water and cleaning solutions.



WARNING! To reduce the risk of fire, electric shock or injury, use dryer only in the manner intended by the manufacturer.

Before servicing or cleaning unit, switch off power at service panel and lock the service disconnecting means to prevent power from being switched on accidentally.

When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

MAINTENANCE

OUTSIDE

Using a soft cloth or sponge and mild soap or detergent, gently wash the cover (including air inlet holes) with lukewarm water to loosen dirt and grime.

INSIDE



CAUTION! Shut off power to the dryer at the service connection. Cleaning should be performed by qualified service personnel.



NOTE: With normal use, the dryer will require cleaning once a year. Heavier usage requires more frequent cleaning. Lint on the air inlet or other internal parts of dryer will reduce efficiency and shorten the life of the working parts.

1. Using the tamperproof wrench provided, remove the cover by unscrewing the two tamperproof bolts from the side of the cover.
2. Use a small, soft brush to gently clean all parts.

TROUBLESHOOTING

Dryer does not turn on	<p>1. Check power to unit and connections. Verify dryer is receiving voltage at terminal block.</p> <p>2. Check RED service LED light for the following:</p> <p style="margin-left: 20px;">A. Light is ON: Place hands under sensor. If light stays on, then replace sensor. If light goes off, check to make sure wiring is correct at dryer control. If OK, check motor fuse, if so equipped, and wire connecting to motor. If both are OK, replace motor.</p> <p style="margin-left: 20px;">B. Light is OFF: Check for loose, disconnected or improper wiring at dryer control (see wiring schematic affixed to blower housing) or replace dryer control.</p> <p style="margin-left: 20px;">C. Light is FLASHING: Dryer is in lockout mode (adjust sensor range):</p> <ul style="list-style-type: none"> • If dryer will not turn on, stays on, or stops working, it may be mounted too close to a counter or object and has gone into lockout. • If relocating appliance is not possible, adjust the range of the sensor by turning off power to dryer. Then turn the range adjustment on the control board counterclockwise towards L (-) low to decrease sensor range.
Dryer does not shut off	<p>May be mounted too close to a counter or object (adjust sensor range, see above).</p> <p>Check for loose, disconnected or improper wiring at dryer control (refer to wiring schematic affixed to blower housing).</p> <p>Replace dryer control.</p>
Dryer heats up but no air comes out	<p>Check motor fuse if so equipped.</p> <p>Check wire connection to motor.</p> <p>Replace motor.</p>
Dryer does not always turn on or turns on by itself	<p>May be mounted too close to counter or object (adjust sensor range, see above).</p> <p>Check for foreign material on optical sensor next to air outlet.</p> <p>Check for loose wires on dryer control.</p> <p>Replace dryer control.</p>
Dryer blows only cold air	<p>Check for loose connections to heating element.</p> <p>Replace heating element.</p>
Dryer has a loss of air volume	<p>Check for air leaks in the housing or nozzle. If detected, replace housing or nozzle.</p> <p>Check for slow running motor or burning smell. If so, replace motor.</p>