



DESIGN STANDARDS FOR: TOILET AND BATH ACCESSORIES

Hand Dryer Standard:

1. Xlerator hand dryer by Excel. Web site address www.gsacit.com.
2. Note: An approved equal will not be accepted. Sole source justification is based on bulk parts on hand; ease on maintenance time, availability, and vandal resistance.

Toilet Paper Dispenser

1. Royce Rolls Ringer TP2. Website www.roycerolls.net

FINALLY...^{2/10} A FAST HAND DRYER.

Zero To Dry In Less Than 15 Seconds.

Excel's research team has developed the **XLERATOR**® with **patented technology** that delivers three-times-faster hand drying performance. Conventional hand dryers take from 30 to 45 seconds to get a user's hands totally dry, and very few of us are willing to wait that long. With the automatic sensor-activated **XLERATOR**, not only do your hands get dry in 10 to 15 seconds, but consumer test participants report that their hands also felt *warm, soft and really dry*.

Uses 80% Less Energy.

Not only does the **XLERATOR** dry hands in one third of the time required by conventional hand dryers, our hand-drying system is designed to run on 15-amp service (making it great for older buildings). The combination of these two factors results in 80% less energy cost per use vs. conventional hand dryers.

90% Cost Savings.

Converting to the **XLERATOR** hand dryer will result in more than a 90% savings vs. paper towel costs. In addition to paper towels, the following costs are also eliminated: ordering, storing, replenishing, collecting and disposing of bacteria-laden paper towel waste.

Source Reduction Alternative.

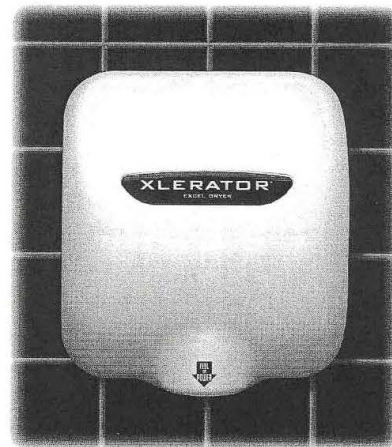
Converting from paper towels to the **XLERATOR** hand dryer is a great source-reduction alternative. Make a cost-saving decision that's good for the environment, because you don't sacrifice trees, incur the energy costs to turn pulp into paper and do away with the need to dispose of paper towel waste in already over-capacity landfills.

GreenSpec® Approved.

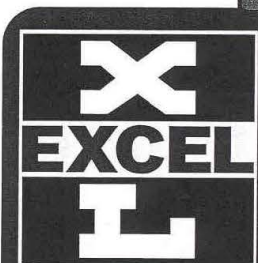
The **XLERATOR** is the first hand dryer ever to be awarded GreenSpec designation by the editors of *Environmental Building News*. **XLERATOR** meets a number of GreenSpec standards; it conserves energy, has low maintenance requirements and reduces waste.

Promotes Hygiene.

People are increasingly concerned with the spread of germs these days, especially in public restrooms. The automatic sensor-activated **XLERATOR** hand dryer is a great addition to today's **no-touch** washrooms. The **XLERATOR** also speeds up the required hand-washing process for employees, getting them back on the job faster and with clean hands.



3 Times Faster!



TIME TO THROW IN THE TOWEL.

XLERATOR® HAND DRYER

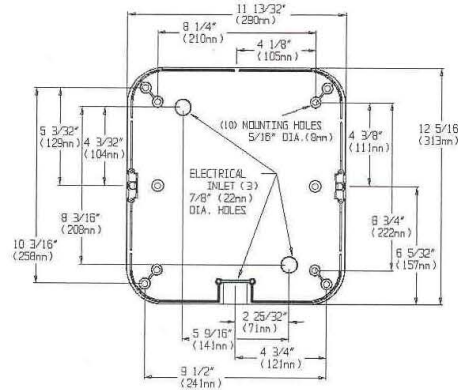
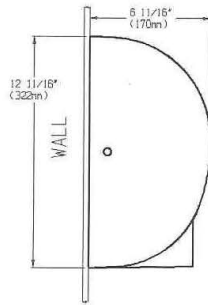
SPECIFICATIONS



MODEL XL-W Surface-mounted, Automatic, White epoxy Paint



MODEL XL-C Surface-mounted, Automatic, Chrome Plated



Dimensions: 11 3/4" lg. X 12 11/16" high x 6 11/16" deep
(298 mm lg. X 322 mm high x 170 mm deep)
Weight: 16 lbs. (7.3 kgs.)

| Units are Available as Specified in: | | |
|--------------------------------------|----------|-------|
| 110/120V | 12.5 Amp | 60 Hz |
| 208Y | 7.0 Amp | 60 Hz |
| 220/240 | 6.5 Amp | 60 Hz |
| 277V | 5.5 Amp | 60 Hz |
| 220/240V | 6.5 Amp | 50 Hz |

| Suggested Mounting Heights From floor to Bottom of Dryer | |
|--|--------------|
| Men's | 45" (114 cm) |
| Ladies | 43" (109 cm) |
| Teenagers | 41" (104 cm) |
| Sm. Children | 35" (89 cm) |
| Handicapped | 37" (94 cm) |

CONSTRUCTION

- A. Cover shall be a one-piece, heavy-duty, rib-reinforced, die-cast zinc alloy. It shall be lightweight, unbreakable, rustproof and all exposed surfaces shall be bright chrome plated or finished with chip-proof, electrostatically applied epoxy paint and fastened to a wall plate by two chrome plated tamper-proof bolts.
- B. Wall plate shall be equipped with (3) 7/8" (22 mm) diameter holes, one of which shall be suitable for use with surface conduit, for ease of wiring.
- C. All internal parts shall be coated according to Underwriters' Laboratories, Inc. requirements.
- D. Entire mechanism shall be internally grounded.

MECHANISM

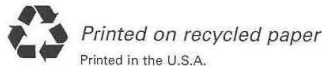
- A. Motor shall be a series commutated through-flow discharge vacuum motor/blower (5/8 HP / 20,000 RPM) which provides air velocity of 16,000 LFM (linear feet per minute) at the air outlet and 14,000 LFM at the hands (4 inches [102 mm] below air outlet).
- B. Heating element is constructed of Nichrome wire and mounted inside the blower housing, thereby being vandal proof. It shall be protected by an automatic resetting thermostat, which shall open whenever air flow is cut off and shall close when flow of air is resumed. It shall produce an air temperature of up to 135°F (57°C) at a 72°F (22°C) ambient room temperature at the hands (4 inches [102 mm] below air outlet).
- C. Control assembly is activated by an infrared optical sensor located next to the air outlet. The dryer shall operate as long as hands are under the air outlet. There is a 35-second lockout feature if hands are not removed.

LIMITED WARRANTY

The dryer shall be guaranteed to be free from defects for a period of three (3) years. Warranty shall include factory performed labor as well as the repair or exchange of defective parts, at manufacturer's option.

QUANTITY RECOMMENDATIONS

One dryer for every two washbasins is sufficient for most applications. If restroom traffic is unusually heavy, we suggest one dryer per washbasin in small installations and two dryers for every three washbasins in larger installations. When a 54" washfountain is used, we suggest four to five dryers.



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