**XLERATOREco® HAND DRYER**

**MODELS:** XL - BW W GR C SB SI SP - ECO **OPTIONS:** -1.1N (Noise Reduction Nozzle) -H (HEPA Filter) -VOLTAGE (See Chart)

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**PERFORMANCE**

<table>
<thead>
<tr>
<th>TESTED TO PCR GUIDELINES</th>
<th>DRY TIME: 10 SECONDS*</th>
<th>ENERGY PER USE: 1.7 Wh*</th>
</tr>
</thead>
</table>

Wattage: 425 Watts - 530 Watts

Certifications:

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**CONSTRUCTION**

A. All covers will be fastened to a base plate by two chrome plated tamper-proof bolts. Cover shall be one of the following:

- **Die-cast zinc alloy** - One-piece, heavy-duty, rib-reinforced, lightweight, unbreakable, rustproof and all exposed surfaces shall be bright chrome plated or finished with chip-proof, electrostatically applied epoxy paint.

- **Bulk Molding Compound (BMC)** – White reinforced thermoset resin.

- **Stainless Steel** – with a brushed finish.

Special Image - Digital image applied to die-cast or stainless steel covers using patented KolorFusion Sublimation Decoration process.

B. Base plate shall be equipped with (3) 7/8” (22 mm) diameter holes, the bottom one is suitable for use with surface conduit.

C. All internal parts shall be coated according to Underwriters’ Laboratories, Inc. requirements.

D. Entire mechanism shall be internally grounded.

E. Options

- **HEPA Filtration System:** Filters 99.97% of bacteria at 0.3 microns from the air stream.

1.1 **Noise Reduction Nozzle:** Lowers decibel level 9 dB by reducing air deflection noise but increases dry time by approximately 3 seconds.

F. Accessories (optional)

- **Microban® Antimicrobial Wall Guards:** 89W (White), 89B (Black), 89S (Stainless)

- **XChanger Paper Towel Retrofit Kit:** 40550, 40551 (ADA Height)

- **ADA Recess Kit:** 40502

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**MECHANISM**

A. Motor shall be a thermally protected, series commutated, through-flow discharge vacuum motor/blower (5/8 hp / 20,000 rpm) which provides air velocity of up to 19,000 LFM (linear feet per minute) at the air outlet and 16,000 LFM at the hands (4 inches [102 mm] below air outlet). Includes a washable metal mesh filter for more reliable performance.

B. 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. Control includes a speed and sound control mechanism and a filter sensor which is activated should the filter become clogged. There is a 35-second lockout feature if hands are not removed. Sensor equipped with externally visible Red LED light that can flash error codes to assist in troubleshooting.

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**LIMITED WARRANTY**

The dryer shall be guaranteed to be free from defects for a period of five (5) years. Warranty shall include labor performed at factory as well as the repair or exchange of defective parts, at manufacturer’s option.

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**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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**FOR ARCHITECT/ENGINEER APPROVAL**

<table>
<thead>
<tr>
<th>Job Name</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Model Specified</td>
<td>Quantity</td>
</tr>
<tr>
<td>Variations Specified</td>
<td></td>
</tr>
<tr>
<td>Customer/Wholesaler</td>
<td></td>
</tr>
<tr>
<td>Contractor</td>
<td></td>
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<tr>
<td>Architect</td>
<td></td>
</tr>
</tbody>
</table>

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**EXCEL DRYER, Inc.**

**East Longmeadow, MA**

**Phone** 1.800.255.9235 **Fax** 1.413.529.2853 **sales@exceldryer.com**

**www.exceldryer.com**

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**JULY 2019**

16ECT0004
XLERATOR® eco HAND DRYER

TECHNICAL DATA SHEET

MODELS: XL - BW W GR C SB SI SP - ECO OPTIONS: -1N (Noise Reduction Nozzle) -H (HEPA Filter) -VOLTAGE (See Chart)

SIDES VIEW

FRONT VIEW FACING WALL

DIMENSIONS

<table>
<thead>
<tr>
<th>Width</th>
<th>Height</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>11 3/4&quot; (298 mm)</td>
<td>12 11/16&quot; (322 mm)</td>
<td>6 11/16&quot; (170 mm)</td>
</tr>
</tbody>
</table>

WEIGHT

- XL-BW-ECO: 15 lbs. (6.8 kgs.)
- XL-SB-ECO: 16 lbs. (7.26 kgs.)
- XL-W-ECO, XL-GR-ECO, XL-C-ECO, XL-SI-ECO, XL-SP-ECO: 17 lbs. (7.71 kgs.)

PERFORMANCE

ADJUSTABLE SOUND LEVEL: 65 - 75 dB
AIR VELOCITY: 13,000 - 20,000 LFM

ELECTRICAL

<table>
<thead>
<tr>
<th>VOLTS</th>
<th>AMPS</th>
<th>WATTS</th>
<th>HERTZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>110-120V</td>
<td>4.3-4.5A</td>
<td>460-530W</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>208-277V</td>
<td>2.2-2.2A</td>
<td>425-500W</td>
<td>50/60 Hz</td>
</tr>
<tr>
<td>230V</td>
<td>2.2A</td>
<td>500W</td>
<td>50 Hz</td>
</tr>
</tbody>
</table>

NOTE: Drawing 4.5 Amps or less allows for the installation of multiple XLERATOR® eco units on one 20 Amp circuit, significantly reducing installation costs and creating a return on investment of less than one year.

SUGGESTED MOUNTING HEIGHTS
from floor to bottom of dryer:

- Men: 45" (114 cm)
- Women: 43" (109 cm)
- Teenagers: 41" (104 cm)
- Small Children: 35" (89 cm)
- Accessible: 37" (94 cm)

ACTIVATION

Automatic Sensor Operated

MOUNTING

Surface Mounted

OPTIONAL ADA-COMPLIANT RECESS KIT

DIMENSIONS

<table>
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<tr>
<th>Width</th>
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</tr>
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<tbody>
<tr>
<td>16 3/8&quot; (416 mm)</td>
<td>26&quot; (660 mm)</td>
<td>3 3/8&quot; (86 mm)</td>
</tr>
</tbody>
</table>

WEIGHT

11 lbs. (4.99 kgs.)

Bottom of recessed wall box should be 10" (254 mm) below suggested mounting height for dryer.

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