**XLerator® Hand Dryer**

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

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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:** Removes 99.999% of viruses and 99.97% of potentially present bacteria at 0.3 microns from the airstream.  
1.1" **Noise Reduction Nozzle:** Reduces the sound level by 9 decibels by significantly decreasing air deflection noise while only increasing dry time by approximately 3 seconds.

**F. Accessories (optional)**

- **Antimicrobial Wall Guards** 89W (Microban® White), 89B (Microban Black), 89S (Brushed Stainless Steel)  
- **XChanger Paper Towel Dispenser Retrofit Kit** 40575, 40576 (ADA Height)  
- **ADA-Compliant Recess Kit** 40502

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**LIMITED WARRANTY**

The dryer shall be guaranteed to be free from defects for a period of seven (7) years. Warranty shall include labor performed at factory 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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**DATA BASED ON ALL XL .8 NOZZLE DRYERS INCLUDING HEPA MODELS**

<table>
<thead>
<tr>
<th><strong>SOUND:</strong></th>
<th><strong>VELOCITY:</strong></th>
<th><strong>FLOW RATE:</strong></th>
<th><strong>MOTOR RPM:</strong></th>
<th><strong>HEAT RANGE:</strong></th>
<th><strong>WATTAGE:</strong></th>
<th><strong>FLOW RANGE:</strong></th>
<th><strong>IP RATING:</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>62 - 75 dBA (Average)</td>
<td>12,000 - 20,000 LFM @ Air Outlet</td>
<td>38 - 64 CFM</td>
<td>Up to 24,000 RPM</td>
<td>OFF to HIGH: 90°F - 145°F Average @ Air Outlet</td>
<td>~1,450 Watts (Heat On) ~510 Watts (Heat Off)</td>
<td>39 - 64 CFM</td>
<td>IP23B</td>
</tr>
</tbody>
</table>

**DRY TIME:** 8 SECONDS  
**ENERGY PER USE:** 3.7 Wh  
**WATTAGE:** -1.1N (Noise Reduction Nozzle)

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**PERFORMANCE**

**MECHANISM**

A. New 50% longer life motor shall be a thermally protected, series commutated, through-flow discharge vacuum motor/blower (5/8 hp / 24,000 rpm) which provides air velocity of up to 20,000 LFM (linear feet per minute). Includes a washable metal mesh filter for more reliable performance.

B. Heating element (970 W) is constructed of Nichrome wire and mounted inside the blower housing, thereby being vandal resistant. 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 average air temperature at the outlet of up to 145°F (63°C) at a 72°F (22°C) ambient room temperature.

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. Control includes a speed and sound control mechanism, adjustable heat control with High, Medium, Low and Off settings 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 that flashes error codes to assist in troubleshooting.

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**TECHNICAL DATA SHEET**

EXCEL DRYER, Inc.  
East Longmeadow, MA

Phone 1.800.255.9235  
Fax 1.413.525.2853

sales@exceldryer.com  
www.exceldryer.com

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**OPTIONS:** -H (HEPA Filter) -1.1N (Noise Reduction Nozzle) -VOLTAGE (See Chart)

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**SIDE VIEW**

**FRONT VIEW FACING WALL**

- **Width:** 11 3/4" (298 mm)  
- **Height:** 12 11/16" (322 mm)  
- **Depth:** 6 11/16" (170 mm)

**DIMENSIONS**

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

**WEIGHT**

**ELECTRICAL**

- **VOLTS:** 110-120V, 208-240V, 208-277V, 230V
- **AMPS:** 11.3-12.2A, 5.6-6.2A, 6.1A
- **WATTS:** 442-513W, 416-495W, 1,400W

**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)

**CERTIFICATIONS**

- RoHS
- UL
- cETLus
- CE
- Energy Star
- Green Seal
- hpd
- Sustainable Forestry Initiative
- Building Green
- Green Seal

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**ACTIVATION**

Automatic Sensor Operated

**MOUNTING**

Surface-Mounted

**OPTIONAL ADA-COMPLIANT RECESS KIT**

Part # 40502

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**SPECIAL PAINT**

Special Paint powder-coated covers are available in many colors and textures. Exclusive digital image technology allows for the addition of company, school or team logos with any color, design or a ‘green message’.

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**ENERGY LABEL**

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