

# XLERATOR® HAND DRYER

## COST SAVINGS AND ENVIRONMENTAL IMPACT ANALYSIS



XLERATOR represents a 95% Cost Savings versus paper towels and eliminates their labor, maintenance and waste. **Fill out the shaded boxes below to see how much you can save.**

### PAPER TOWEL COSTS

**1. Number of Cases of Paper Towels Used Annually**

**2. Cost per Case Delivered** (Include Freight and Tax; typically \$15.00 - \$25.00/case)

**3. Number of Towels per Case** (For example: 2,400/case for C-fold towels; 4,000/case for Multi-fold towels; 4,800 linear ft/case for Roll Towels)

**4. Your KWH Rate** (typically \$.10 per KWH)

**5. Total Paper Towel Costs per Year**

**Handling Cost**

(50% of item Total Paper Towel Costs - Includes the cost of generating requisitions and purchase orders, receiving, storing, servicing towel dispensers, collecting and disposing of used towels.)

(To enter your own handling cost, uncheck this box.)

**6. TOTAL COST OF USING PAPER TOWELS PER YEAR**

### HAND DRYER COSTS

**7. Number of Paper Towels Used Annually**

(Item 1 multiplied by total sheets per case)

**8. Number of Hand Drying Annually** (Item 7 divided by 2.5 towels per hand dry)

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**9. Hours of Hand Dryer Usage**

(Item 8 divided by 120 hand dries per hour; Use 240 hand dries per hour for XLERATOR and 240 for XLERATOReco)

**10. Cost of Electricity per Hour** (2.2 KW multiplied by your KWH rate;

Use 1.5 KW for XLERATOR and .5KW for XLERATOReco)

**11. TOTAL ANNUAL HAND DRYER COSTS** (Line 9 multiplied by Line 10)

**12. YOUR ANNUAL SAVINGS\*** (Item 6 minus Item 11)

**COMPUTE YOUR % SAVINGS** (Item 12 divided by Item 6)

### XLERATOR ENVIRONMENTAL SAVINGS

**Annual Climate Change Benefits** (kg CO<sub>2</sub> Eq. reduced)

**Pounds of Paper Towel Waste Eliminated**

**Percent Reduction of Carbon Footprint**

**THIS IS THE CO<sub>2</sub> SAVINGS EQUIVALENT TO**

**Trees Saved**

**Cubic Meters in Landfill Saved**

**Gallons of Water Saved**

**Emissions Saved from # Gallons of Gasoline**

Source of conversion = USEPA

### CALCULATE YOUR PAYBACK

**Cost of Each Dryer**

**Installation Cost** (Typically \$125 - \$200/dryer)

**Number of Hand Dryers Purchased** (\*\*See Note Below)

**13. Total Purchase Price**

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**PAYBACK PERIOD IN MONTHS** (Item 13 Divided by Item 12 X 12 Months)

\* Based on the raw cost of paper towels, not including handling costs.

\*\* **NOTE:** 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" round-type washbasin is used, we suggest four to five dryers. In multiple installations, one dryer should be mounted at recommended height for the handicapped.

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