

## ORIGINAL. PATENTED. STILL THE BEST.

**NEW ENHANCED STANDARD FEATURES** 



Adjustable Speed and Sound Control



Multi-Voltage Options: 110-120V Or 208-277V



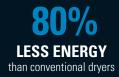
Adjustable Heat Settings -High, Medium, Low & Off



Externally Visible Service LED



95%
COST SAVINGS
versus paper towels









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





XL-BW White Thermoset Resin (BMC)



XL-W White Epoxy Painted

**DIMENSIONS** 



XL-GR Graphite Textured Painted



## **DRY TIME: 8 SECONDS\***

## **ENERGY PER USE: 3.7 Wh**

## **FEATURES & BENEFITS**

- 80% Less Energy Than Conventional Hand Dryers
- 95% Cost Savings Vs. Paper Towels
- Made In USA Certified®

- 5-Year Limited Warranty
- Building Green Approved and Helps Qualify for several LEED® credits
- A Hygienic Hand Drying Solution

### **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.

#### ONLINE INFORMATION

Product Videos

XLERATOR'

XL-SP\*\*

Custom Special

Paint

**Depth** 6 <sup>11</sup>/16" (170 mm)

- Cost Savings & Carbon Footprint Calculator
- Life Cycle Assessment Study



XL-SI\*\*\* Custom Special **Image** 



Specification Tools AIA/GBCI CEU Courses



XL-C Chrome Plated



XL-SB **Brushed Stainless** Steel

## **ACTIVATION**

**Automatic Sensor Operated** 

## **MOUNTING**

Surface Mounted

#### **SUGGESTED MOUNTING HEIGHTS** 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.)

### **ELECTRICAL**

WEIGHT

VOLTS	AMPS	WATTS	NO HEAT AMPS	NO HEAT WATTS	HERTZ	
110-120V	11.3-12.2A	1240-1450W	4.3-4.5A	460-530W	50/60 Hz	c(UL)us
208-277V	5.6-6.2A	1160-1490W	2.0-2.2A	425-500W	50/60 Hz	c (UL) us
230V	6.1A	1410W	2.2A	500W	50 Hz	Œ





**Width** 11 <sup>3</sup>/4" (298 mm) **Height** 12 <sup>11</sup>/16" (322 mm)







UL Environment published the first global Product Category Rules (PCR) for Hand Dryers and Excel Dryer is proud to have been selected to chair the project. The PCR created evaluation methods through industry consensus that compare products' environmental impact and performance. Third party testing results then enable specifiers and buyers to make a true apples-toapples comparison of products and more informed decisions.

Women 43" (109 cm) Accessible 37" (94 cm) Men 45" (114 cm) Note: Heights measured from floor to bottom of dryer.

## **ACCESSORIES**

- Anti-Microbial Wall Guards
- XChanger Paper Towel Dispenser Retrofit Kit
- ADA-Compliant Recess Kit

Width 16 3/8" (416 mm) Height 26" (660 mm) **Depth** 3 3/8" (86 mm) **Weight** 11 lbs. (4.99 kgs.)



Part # 40502

- Dry time and energy use testing performed by SGS International on standard XLERATOR Hand Dryer with 0.8\* nozzle to 0.25g or less of residual moisture, pursuant to the UL Environment Global Product Category Rules (PCR) for Hand Dryers.
- 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





**500 WATTS. 10 SECONDS. NO HEAT.** 

**NEW ENHANCED STANDARD FEATURES** 



Adjustable Speed and Sound Control



Multi-Voltage Options: 110-120V Or 208-277V



Externally Visible Service LED

10 SECONDS\* 95%
COST SAVINGS
versus paper towels

80%
LESS ENERGY
than conventional dryers







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





## XL-BW-ECO White Thermoset Resin (BMC)



XL-W-ECO White Epoxy Painted



XL-GR-ECO Graphite Textured Painted



## DRY TIME: 10 SECONDS\*

## **ENERGY PER USE: 1.7 Wh\***

#### **FEATURES & BENEFITS**

80% Less Energy Than Conventional Hand Dryers

95% Cost Savings Vs. Paper Towels

Made In USA Certified®

5-Year Limited Warranty

Specification Tools AIA/GBCI CEU Courses

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A Hygienic Hand Drying Solution

## **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.

#### **ONLINE INFORMATION**

Product Videos

XL-SP-ECO\*\*

Custom Special

Paint

Cost Savings & Carbon Footprint Calculator

Life Cycle Assessment Study



XL-SI-ECO\*\*\* Custom Special Image



XL-C-ECO Chrome Plated



XL-SB-ECO **Brushed Stainless** Steel

## **DIMENSIONS**

**Width** 11 <sup>3</sup>/4" (298 mm) **Height** 12 <sup>11</sup>/16" (322 mm) **Depth** 6 <sup>11</sup>/16" (170 mm) 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.)

## **ELECTRICAL**

VOLTS	AMPS	WATTS	HERTZ	
110-120V	4.3-4.5A	460-530W	50/60 Hz	c (UL) us
208-277V	2-2.2A	425-500W	50/60 Hz	c (UL) us
230V	2.2A	500W	50 Hz	CE

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





RoHS







UL Environment published the first global Product Category Rules (PCR) for Hand Dryers and Excel Dryer is proud to have been selected to chair the project. The PCR created evaluation methods through industry consensus that compare products' environmental impact and performance. Third party testing results then enable specifiers and buyers to make a true apples-toapples comparison of products and more informed decisions.

## ACTIVATION

**Automatic Sensor Operated** 

MOUNTING

**Surface Mounted** 

#### SUGGESTED MOUNTING HEIGHTS

**Men** 45" (114 cm) Women 43" (109 cm) Accessible 37" (94 cm) Note: Heights measured from floor to bottom of dryer.

## **ACCESSORIES**

Anti-Microbial Wall Guards

XChanger Paper Towel Dispenser Retrofit Kit

ADA-Compliant Recess Kit

Width 16 3/8" (416 mm) Height 26" (660 mm) **Depth** 3 3/8" (86 mm) **Weight** 11 lbs. (4.99 kgs.)



Part # 40502

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- 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



## <u>ME TO THROW IN THE TOWEL</u>

## ThinAir® HAND DRYER



## SURFACE MOUNTED. ADA COMPLIANT.

**NEW ENHANCED STANDARD FEATURES** 



Adjustable Speed and Sound Control



Multi-Voltage Options: 110-120V Or 208-277V



Adjustable Heat Settings -High, Medium, Low & Off



Externally Visible Service LED

14 SECONDS\* 95%
COST SAVINGS
versus paper towels

80%
LESS ENERGY
than conventional dryers







## ThinAir® HAND DRYER

MODELS: TA - ABS SB -VOLTAGE (See Chart)





TA-ABS

White Polymer (ABS) With SanaFor™ Antimicrobial Additive









## DRY TIME: 14 SECONDS\*

## **ENERGY PER USE: 3.7 Wh\***

#### **FEATURES & BENEFITS**

Meets 4" ADA protrusion guidelines when surface mounted

95% Cost Savings Vs. Paper Towels

Made In USA Certified®

5-Year Limited Warranty

Building Green Approved and Helps Qualify for several LEED® credits

A Hygienic Hand Drying Solution

Washable Pre-Filter

## **ONLINE INFORMATION**

Product Videos

Cost Savings & Carbon Footprint Calculator

Life Cycle Assessment Study

## Specification Tools

AIA/GBCI CEU Courses

Case Studies

## **COVER OPTIONS**



TA-ABS White Polymer (ABS)

HERTZ

50/60 Hz

50/60 Hz

50 Hz



TA-SB **Brushed Stainless** Steel

## **OPTIONAL ACCESSORIES**

Microban® Antimicrobial Wall Guards:

89W (White)

89B (Black)

89S (Brushed Stainless Steel)

## **OVERALL DIMENSIONS**

Width: 9 5/32" (233 mm) Height: 13 15/16" (354 mm) Depth: 4" (102 mm)

3-3.2A

1.7A

1.5-1.9A

## WEIGHT

**ELECTRICAL** 

**AMPS** 

7-7 7A

3.6-4A

3.9A

VOLTS

230V

110-120V

208-277V

TA-ABS: 8 lbs. (3.6 kgs.) **TA-SB**: 10 lbs. (4.5 kgs.)

Units are Single Phase; 950 Watts or as low as 300 Watts

(without heat) and available as specified in:

WATTS

890W

770-915W

735-950W

## **ACTIVATION Automatic Sensor Activated**

## MOUNTING

Surface-Mounted

## **ADA COMPLIANCE**

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ADA guidelines state that fixtures mounted above 27" must not protrude more than 4" from the wall.





Maximum: 48" Recommended: 37"

## SUGGESTED MOUNTING HEIGHTS

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

## from floor to bottom of dryer:



**TESTED TO** 

GUIDELINES



NO HEAT AMPS NO HEAT WATTS

UL Environment published the first global Product Category Rules (PCR) for

Hand Dryers and Excel Dryer is proud to have been selected to chair the project. The PCR created evaluation methods through industry consensus that compare products' environmental impact and performance. Third party testing results then enable specifiers and buyers to make a true apples-to-apples comparison of products and more informed decisions.

310-370W

300-375W

375W





\*Dry time and energy use testing performed by SGS International on standard ThinAir Hand Dryers to 0.25g or less of residual moisture, pursuant to the UL Environment Global Product Category Rules (PCR) for Hand Dryers.



## XLERATOR® AND XLERATOReco® HAND DRYER

## **OPTIONS AND ACCESSORIES**





**XLERATOR** and **XLERATOReco**<sup>®</sup> are offered with several options and a complete line of accessories to customize the best drying solution for any restroom environment.

## **OPTIONS**



## **HEPA FILTRATION SYSTEM**

Excel Dryer offers a HEPA Filtration System proven to remove 99.97% of potentially present bacteria at 0.3 microns from the air in the room, and is the only one with a washable metal mesh pre-filter for reliable performance and extended filter life. The HEPA Filtration System is available as an optional feature or can easily be retrofitted into existing units.

SKU#	Description	List Price
40525	XLERATOR HEPA Filter RetroFit Kit	\$150
40520	XLERATOR HEPA Filter Replacement	\$100
94	HEPA Pre-Filter Replacement	\$25
	Metal Mesh	

NOTE: When ordering a new unit add "H" to model number. i.e. XL-BW-H.



## 1.1" NOISE REDUCTION NOZZLE (1.1N)

Reduces the sound level by 9 decibels by significantly decreasing air deflection noise while only increasing dry time by approximately 3 seconds. Easily retrofitted into existing units or can be purchased with new dryer models at no extra charge.

62.2	1.1" Noise Reduction Nozzle
34	Gasket (included)

## **CUSTOM COVERS**

Our cover finish options are the most diverse in the industry, including custom cover options for corporate branding or environmental messaging. Our exclusive Kolorfusion digital image technology is used to customize covers with graphics, team colors, corporate logos, green messaging or any other high-resolution image. Covers can also be painted with any DUPONT powder coat paint color or PVD coating such as Gold, Brass and Copper. Contact us for more information and pricing.











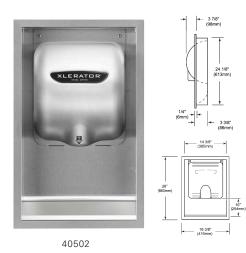












## ADA-COMPLIANT RECESS KIT &

40502

Makes XLERATOR meet the ADA protrusion requirement of four inches. Also helps keep water off the walls and floor.

Recess Kit, Brushed Stainless Steel (for ADA 4" protrusion requirements)

\$180



## MICROBAN® ANTI-MICROBIAL WALL GUARDS

Designed to fit securely underneath your Excel Hand Dryers, protecting your walls from water droplets that can be blown off wet hands by the powerful air stream. Microban technology inhibits the growth of bacteria and is built into the Wall Guard so it will not wash or wear away, lasting the lifetime of the product. Ideal for high-traffic restrooms, Wall Guards are hygienic and easy-to-clean.

SKU#	Description	List Price
89W	Microban® Wall Guard-White	<b>\$120</b> /Set*
89B	Microban Wall Guard-Black	<b>\$120</b> /Set*
89S	Wall Guard-Stainless	<b>\$200</b> /Set*

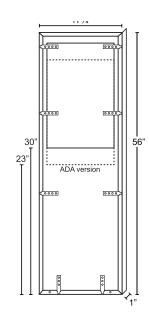
\*Set: 1 box of 2 wall guards



## XCHANGER® COMBO KIT ₺

Allows you to completely retrofit your paper towel dispenser and waste receptacle with the XLERATOR. The XChanger is easily installed over the space left behind by the paper towel dispenser and will not cause damage to the existing wall surface. The XLERATOR and ADA-Compliant Recess Kit then easily installs into the XChanger leaving a clean, finished look to the restroom. The XChanger Kit is also available in an ADA height compliant version, allowing full access for users in wheelchairs.

40575	XChanger Combo Kit:	\$400
	Comes with ADA Recess Kit #40502 and Standard XChanger #40550	
40576	ADA XChanger Combo Kit:	\$400
40376	Comes with ADA Recess Kit #40502	5400
	and ADA Height XChanger #40551	



## **GREEN BENEFITS**

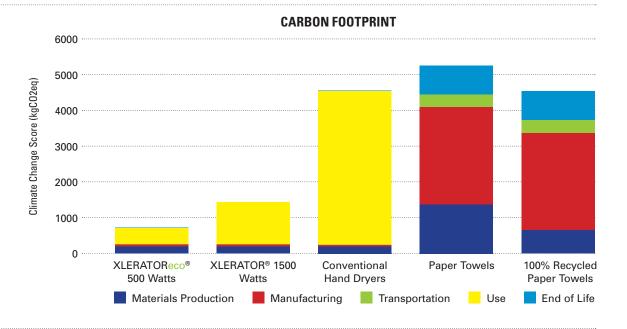




Results from the Quantis International LCA Study that was peer reviewed to ISO 14040 Standards.

## **CARBON FOOTPRINT**

Reduces Carbon Footprint Up To 70% Vs. Even 100% Recycled Paper Towels.





Environmental Building News requested LCA experts Greg Norris of Sylvatica. Inc. and

Bev Sauer of Franklin Associates, Ltd. to consult data from Franklin Associates as used in the SimaPro LCA software to produce these results.

## **COST PER 1,000 HAND DRIES**

98% Cost Savings Per 1,000 Uses vs. Paper Towels.

## **COST PER 1,000 HAND DRIES**

Description	Mj/kg	Towels/kg	kW draw	Time (sec)	kJ/Use	Cost Per 1,000 Uses
Virgin Towel	131	352	-	-	743	\$23
Recycled Towel	81	352	-	-	460	\$23
Standard Dryer	-	-	2.2	30	222	\$1.47
XLERATOR® Hand Dryer	-	-	1.5	10	76	.50

## ENERGY USED PER HAND DRY

Over An 80% Reduction Of Energy Per Use Vs. Recycled Paper Towels.

### **CERTIFICATIONS**



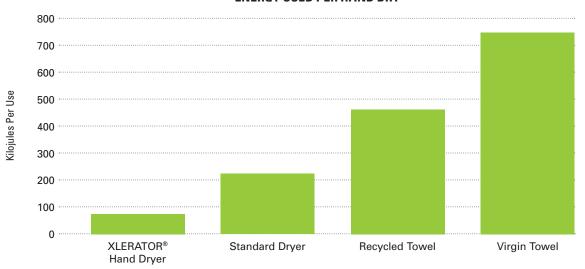








## **ENERGY USED PER HAND DRY**



## XLERATOR® AND XLERATOReco® HAND DRYERS GREEN FACTS



## **GREEN BUILDING RATING SYSTEMS**

**LEED®** (Leadership in Energy and Environmental Design)

In March 2000, the U.S. Green Building Council formally released the LEED Green Building Rating System. Today, nearly 10,000 public and private building projects in the United States and abroad have used LEED as their certification standard. XLERATOR and XLERATOReco hand dryers help facilities qualify for LEED Credits in several areas:



## **APPLICABLE LEED CREDITS** (LEEDv4 Rating Systems)

- EA (Energy and Atmosphere) Credit Optimize Energy Performance
- MR (Materials and Resources) Credits for Building Product Disclosure and Optimization
  - Environmental Product Declarations
  - Sourcing of Raw Materials
- MR (Materials and Resources) Credit Solid Waste Management Ongoing (LEED O+M projects only)
- EQ (Indoor Environmental Quality) Credit Green Cleaning Custodial Effectiveness Assessment (LEED O+M projects only)

For a complete, detailed list, please reference the XLERATOR AND XLERATOReco HAND DRYER LEED V4 CREDIT CONTRIBUTION

### **GREEN GLOBES**

Green Globes, a product of the Green Building Initiative (GBI), is a green management tool for the building design and construction industry. Adapted from a Canadian protocol, Green Globes was



introduced into the United States in 2004. Since that time, 450 buildings across the United States have successfully achieved Green Globes certification. Green Globes incorporates a whole building calculated design energy performance value, as well as prescriptive criteria for individual labeled efficiencies. Energy efficiencies associated with the XLERATOR and XLERATOReco hand dryers may help facilities qualify for points.

## **PRODUCT GUIDES**

## **ENVIRONMENTAL BUILDING NEWS – GREENSPEC®**

The leading newsletter on environmentally responsible design and construction since 1992, EBN is independently published and advertisement-free. The research and reporting is uncompromised by corporate or industry sponsorships. EBN researchers independently tested XLERATOR for its performance and energy efficiency and determined that it clearly outperforms conventional electric hand dryers, both in energy savings and dry time, which is why XLERATOR was the first hand dryer to be Green Spec Listed.

✓ Voted Top Ten Product of 2002 by the editors of EBN

#### **OIKOS PRODUCT DIRECTORY**

The most comprehensive listing of products and services for energy-efficient, environmentally-responsible building construction.

XLERATOR hand dryers are listed in the directory. www.oikos.com

## **INDUSTRY LEADERSHIP**

### **ARCHITECTURE 2030 FOR PRODUCTS**

Excel Dryer is an adopter of the Architecture 2030 Challenge for Products. Issued by Architecture 2030 in response to the climate change crisis, the Challenge seeks thought leaders of the global architecture and building community to adopt, design and manufacture 'green' and low-carbon products that reduce their carbon footprint by 30 percent below the product average by 2014 and then incrementally improve the reduction to 50 percent by the year 2030.

#### **US GREEN BUILDING COUNCIL**

Excel Dryer Inc. has been an organizational member of the USGBC since 2003. USGBC's mission is to transform the way buildings and communities are designed, built and operated, enabling an environmentally and socially responsible, healthy, and prosperous environment that improves the quality of life. Our East Longmeadow, MA office facility earned LEED-CI Gold certification in 2011.

#### **GREEN BUILDING INITIATIVE**

Excel Dryer is a registered supporter of the Green Building Initiative. The mission of the Green Building Initiative is to accelerate the adoption of building practices that result in energy-efficient, healthier and environmentally sustainable buildings by promoting credible and practical green building approaches for residential and commercial construction. Our East Longmeadow, MA office facility earned a Green Globes rating of 1 Globe in 2012.

### SUSTAINABLE BUILDINGS INDUSTRY COUNCIL

Excel Dryer is a member of the Sustainable Buildings Industry Council. Since its inception in 1980, SBIC has been a national leader in defining the whole-building approach to design, which results in high performance buildings and favors sustainability as a prominent



design objective. SBIC members and partners share the common goal of delivering buildings that provide long-term value and performance, reduce operating costs, keep occupants safe, comfortable and healthy, and protect the natural environment.

### **GREEN RESTAURANT ASSOCIATION**

The XLERATOR is the only hand dryer endorsed by the GRA as the best environmental solution in the hand dryer category for the restaurant industry.



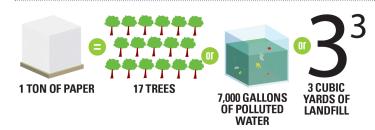
#### **GREEN HOTELS ASSOCIATION**

The XLERATOR is the only hand dryer endorsed by the GRA as the best environmental solution in the hand dryer category for the hotel industry.



## GOOD FOR THE ENVIRONMENT

## **ODE YOU KNOW THE FACTS?**



- Seventeen trees are consumed to make one ton of paper.
- One ton of paper production pollutes 20,000 gallons of water.
- One ton of paper consumes three cubic yards of landfill.
- Average cost of paper is 2 cents per hand dry using paper towels vs. 1/10th of a cent using hand dryers.



## **COST SAVINGS AND ENVIRONMENTAL IMPACT ANALYSIS**



XLERATOR dryers can help facility managers save thousands of dollars annually by eliminating the need for paper towel dispensers and their maintenance. Compared with paper towels, XLERATOR offers a 95% cost savings on average.

Fill in the boxes below with your annual paper towel costs and current rate for electricity per KWH. Then find out what you will save by installing XLERATOR hand dryers and how much you will reduce your impact on the environment!

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)			
<b>3. Number of Towels per Case</b> (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 \$0.10 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.)			
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 Dryings Annually (Item 7 divided by 2.5 towels per hand dry)			
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)	CONVENTIONAL DRYER	XLERATOR	XLERATOReco®
<b>10. Cost of Electricity per Hour</b> (2.2 KW multiplied by your KWH rate; Use 1.4 KW for XLERATOR and 1.5 KW 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)			
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	CONVENTIONAL DRYER	XLERATOR	XLERATOReco®
PAYBACK PERIOD IN MONTHS (Item 13 Divided by Item 12 X 12 Months)			
CALCULATE YOUR COST AND ENVIRONMENTAL SAVII	NGS _T		<b>4</b> –

**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.



ONLINE AT EXCELDRYER.COM/CALCULATOR

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