

# XLERATOR® HAND DRYER

## LEED V4 CREDIT CONTRIBUTION



The XLERATOR hand dryer helps facilities qualify for the following LEED v4 Credits:

### LEED BD + C: NEW CONSTRUCTION

1. **EA Prerequisite Minimum Energy Performance (required)**  
XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.
2. **EA Credit Optimize Energy Performance (up to 18 points)**  
XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.
3. **MR Credit Building Product Disclosure and Optimization – Environmental Product Declarations (1-2 points)** XLERATOR hand dryers may contribute to this credit through any of the following:
  - a.) **Option 1. Environmental Product Declaration (EPD)**  
XLERATOR hand dryers may contribute to this credit as one of 20 installed products from 5 different manufacturers with a critically reviewed Life Cycle Assessment (LCA). The XLERATOR LCA was prepared by Quantis and externally reviewed to ensure compliance with ISO 14040 and 14044 standards. Visit [www.exceldryer.com](http://www.exceldryer.com) to access the publicly available LCA.
  - b.) **Option 2. Multi-attribute Optimization**  
Visit [www.exceldryer.com](http://www.exceldryer.com) to access the XLERATOR Hand Dryer Life Cycle Assessment (LCA) that demonstrates impact reduction below industry standards in the categories identified by USGBC. Projects within 100 miles of East Longmeadow, Massachusetts may claim additional value for materials sourced (manufactured and extracted) regionally at 9% of the dryer cost.
4. **MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials (1-2 points)** XLERATOR hand dryers can contribute to this credit through the following:
  - a.) **Option 2. Leadership Extraction Processes** XLERATOR contains recycled content. See chart below for recycled content based on model. Projects within 100 miles of East Longmeadow, Massachusetts may claim additional value for materials sourced (manufactured and extracted) regionally at 9% of the dryer cost.

Model	Pre-Consumer	Post-Consumer
XL-BW	2.62%	1.63%
XL-SB	6.43%	1.54%
XL-W	2.16%	1.34%

### LEED BD+C: CORE AND SHELL

1. **EA Prerequisite Minimum Energy Performance (required)**  
XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.
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XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.
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  - a.) **Option 1. Environmental Product Declaration (EPD)**  
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  - b.) **Option 2. Multi-attribute Optimization**  
Visit [www.exceldryer.com](http://www.exceldryer.com) to access the XLERATOR Hand Dryer Life Cycle Assessment (LCA) that demonstrates impact reduction below industry standards in the categories identified by USGBC. Projects within 100 miles of East Longmeadow, Massachusetts may claim additional value for materials sourced (manufactured and extracted) regionally at 9% of the dryer cost.
4. **MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials (1-2 points)** XLERATOR hand dryers can contribute to this credit through the following:
  - a.) **Option 2. Leadership Extraction Processes** XLERATOR contains recycled content. See chart below for recycled content based on model. Projects within 100 miles of East Longmeadow, Massachusetts may claim additional value for materials sourced (manufactured and extracted) regionally at 9% of the dryer cost.

Model	Pre-Consumer	Post-Consumer
XL-BW	2.62%	1.63%
XL-SB	6.43%	1.54%
XL-W	2.16%	1.34%

## LEED BD+C: SCHOOLS

### 1. EA Prerequisite Minimum Energy Performance (required)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

### 2. EA Credit Optimize Energy Performance (up to 16 points)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

### 3. MR Credit Building Product Disclosure and Optimization – Environmental Product Declarations (1-2 points)

XLERATOR hand dryers may contribute to this credit through any of the following:

#### a.) Option 1. Environmental Product Declaration (EPD)

XLERATOR hand dryers may contribute to this credit as one of 20 installed products from 5 different manufacturers with a critically reviewed Life Cycle Assessment (LCA). The XLERATOR LCA was prepared by Quantis and externally reviewed to ensure compliance with ISO 14040 and 14044 standards. Visit [www.exceldryer.com](http://www.exceldryer.com) to access the publicly available LCA.

#### b.) Option 2. Multi-attribute Optimization

Visit [www.exceldryer.com](http://www.exceldryer.com) to access the XLERATOR Hand Dryer Life Cycle Assessment (LCA) that demonstrates impact reduction below industry standards in the categories identified by USGBC. Projects within 100 miles of East Longmeadow, Massachusetts may claim additional value for materials sourced (manufactured and extracted) regionally at 9% of the dryer cost.

### 4. MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials (1-2 points)

XLERATOR hand dryers can contribute to this credit through the following:

a.) **Option 2. Leadership Extraction Processes** XLERATOR contains recycled content. See chart below for recycled content based on model. Projects within 100 miles of East Longmeadow, Massachusetts may claim additional value for materials sourced (manufactured and extracted) regionally at 9% of the dryer cost.

Model	Pre-Consumer	Post-Consumer
XL-BW	2.62%	1.63%
XL-SB	6.43%	1.54%
XL-W	2.16%	1.34%

## LEED BD+C: RETAIL

### 1. EA Prerequisite Minimum Energy Performance (required)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

### 2. EA Credit Optimize Energy Performance (up to 18 points)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

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### 4. MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials (1-2 points)

XLERATOR hand dryers can contribute to this credit through the following:

a.) **Option 2. Leadership Extraction Processes** XLERATOR contains recycled content. See chart below for recycled content based on model. Projects within 100 miles of East Longmeadow, Massachusetts may claim additional value for materials sourced (manufactured and extracted) regionally at 9% of the dryer cost.

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XL-BW	2.62%	1.63%
XL-SB	6.43%	1.54%
XL-W	2.16%	1.34%

## LEED BD+C: HEALTHCARE

### 1. EA Prerequisite Minimum Energy Performance (required)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

### 2. EA Credit Optimize Energy Performance (up to 20 points)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

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XL-SB	6.43%	1.54%
XL-W	2.16%	1.34%

## LEED BD+C: DATA CENTERS

### 1. EA Prerequisite Minimum Energy Performance (required)

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### 2. EA Credit Optimize Energy Performance (up to 18 points)

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XL-SB	6.43%	1.54%
XL-W	2.16%	1.34%

## LEED BD+C: HOSPITALITY

### 1. EA Prerequisite Minimum Energy Performance (required)

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## LEED BD+C: HOMES

No Contribution (N/A)

## LEED BD+C: WAREHOUSES AND DISTRIBUTION CENTERS

### 1. EA Prerequisite Minimum Energy Performance (required)

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### 4. MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials (1-2 points)

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## LEED BD+C: MULTIFAMILY MIDRISE

### 1. EA Prerequisite Minimum Energy Performance (required)

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2. **EA Credit Annual Energy Use (up to 30 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

## LEED ID+C: COMMERCIAL INTERIORS

### 1. EA Prerequisite Minimum Energy Performance (required)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed tenant-level energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

### 2. EA Credit Optimize Energy Performance (up to 25 points)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed tenant-level energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

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#### b.) Option 2. Multi-attribute Optimization

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### 4. MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials (1-2 points)

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## LEED ID+C: RETAIL

### 1. EA Prerequisite Minimum Energy Performance (required)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed tenant-level energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

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### 3. MR Credit Building Product Disclosure and Optimization – Environmental Product Declarations (1-2 points)

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### 4. MR Credit Building Product Disclosure and Optimization – Sourcing of Raw Materials (1-2 points)

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## LEED ID+C: HOSPITALITY

### 1. EA Prerequisite Minimum Energy Performance (required)

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### 3. MR Credit Building Product Disclosure and Optimization –

**Environmental Product Declarations (1-2 points)** XLERATOR hand dryers may contribute to this credit through any of the following:

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### 4. MR Credit Building Product Disclosure and Optimization –

**Sourcing of Raw Materials (1-2 points)** XLERATOR hand dryers can contribute to this credit through the following:

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XL-W	2.16%	1.34%

## LEED O+M: EXISTING BUILDINGS

### 1. EA Prerequisite Energy Efficiency Best Management Practices (required)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. Project teams may provide the following run-time schedule: 1500 kWh per 12 second cycle.

### 2. EA Prerequisite Minimum Energy Performance (required)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.

### 3. EA Credit Optimize Energy Performance (up to 20 points)

XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.

### 4. MR Prerequisite Ongoing Purchasing and Waste Policy (required)

XLERATOR hand dryers may contribute to this credit by eliminating the ongoing purchase of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Number of Paper Towels Purchased Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	200
Restaurant	800	1,600
Large Office Building (500,00 sf)	10,000	20,000
Airport (125,000 passengers/day)	100,000	200,000

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.

\*\* Estimate based on 2 paper towels per hand dry.

### 5. MR Credit Solid Waste Management - Ongoing (1-2 points)

XLERATOR hand dryers may contribute to this credit by eliminating the ongoing waste of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Pounds of Paper Towel Waste Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	1.25 lbs.
Restaurant	800	10 lbs.
Large Office Building (500,00 sf)	10,000	125 lbs.
Airport (125,000 passengers/day)	100,000	1250 lbs.

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.

\*\* Estimate based on 2 paper towels per hand dry and a trifold paper towel weight of 1/10th of an ounce.

### 6. EQ Prerequisite Green Cleaning Policy (required)

XLERATOR hand dryers may contribute to this credit by encouraging and improving hand hygiene and promoting the conservation of energy used in the building. In a Life Cycle Assessment, the XLERATOR represents a climate change score that is 220% lower than both conventional hand dryers and paper towel dispensing systems.

### 7. EQ Credit Green Cleaning – Custodial Effectiveness Assessment (1 point)

XLERATOR hand dryers may contribute to this credit by reducing custodial tasks including replacement of paper towels and removal of paper towel waste.

## LEED O+M: SCHOOLS

- 1. EA Prerequisite Energy Efficiency Best Management Practices (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. Project teams may provide the following run-time schedule: 1500 kWh per 12 second cycle.
- 2. EA Prerequisite Minimum Energy Performance (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 3. EA Credit Optimize Energy Performance (up to 20 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 4. MR Prerequisite Ongoing Purchasing and Waste Policy (required)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing purchase of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Number of Paper Towels Purchased Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	200
Restaurant	800	1,600
Large Office Building (500,00 sf)	10,000	20,000
Airport (125,000 passengers/day)	100,000	200,000

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry.

- 5. MR Credit Solid Waste Management - Ongoing (1-2 points)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing waste of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Pounds of Paper Towel Waste Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	1.25 lbs.
Restaurant	800	10 lbs.
Large Office Building (500,00 sf)	10,000	125 lbs.
Airport (125,000 passengers/day)	100,000	1250 lbs.

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry and a trifold paper towel weight of 1/10th of an ounce.

- 6. EQ Prerequisite Green Cleaning Policy (required)** XLERATOR hand dryers may contribute to this credit by encouraging and improving hand hygiene and promoting the conservation of energy used in the building. In a Life Cycle Assessment, the XLERATOR represents a climate change score that is 220% lower than both conventional hand dryers and paper towel dispensing systems.
- 7. EQ Credit Green Cleaning – Custodial Effectiveness Assessment (1 point)** XLERATOR hand dryers may contribute to this credit by reducing custodial tasks including replacement of paper towels and removal of paper towel waste.

## LEED O+M: RETAIL

- 1. EA Prerequisite Energy Efficiency Best Management Practices (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. Project teams may provide the following run-time schedule: 1500 kWh per 12 second cycle.
- 2. EA Prerequisite Minimum Energy Performance (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 3. EA Credit Optimize Energy Performance (up to 20 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 4. MR Prerequisite Ongoing Purchasing and Waste Policy (required)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing purchase of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Number of Paper Towels Purchased Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	200
Restaurant	800	1,600
Large Office Building (500,00 sf)	10,000	20,000
Airport (125,000 passengers/day)	100,000	200,000

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry.

- 5. MR Credit Solid Waste Management - Ongoing (1-2 points)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing waste of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Pounds of Paper Towel Waste Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	1.25 lbs.
Restaurant	800	10 lbs.
Large Office Building (500,00 sf)	10,000	125 lbs.
Airport (125,000 passengers/day)	100,000	1250 lbs.

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry and a trifold paper towel weight of 1/10th of an ounce.

- 6. EQ Prerequisite Green Cleaning Policy (required)** XLERATOR hand dryers may contribute to this credit by encouraging and improving hand hygiene and promoting the conservation of energy used in the building. In a Life Cycle Assessment, the XLERATOR represents a climate change score that is 220% lower than both conventional hand dryers and paper towel dispensing systems.
- 7. EQ Credit Green Cleaning – Custodial Effectiveness Assessment (1 point)** XLERATOR hand dryers may contribute to this credit by reducing custodial tasks including replacement of paper towels and removal of paper towel waste.

## LEED O+M: DATA CENTERS

- 1. EA Prerequisite Energy Efficiency Best Management Practices (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. Project teams may provide the following run-time schedule: 1500 kWh per 12 second cycle.
- 2. EA Prerequisite Minimum Energy Performance (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 3. EA Credit Optimize Energy Performance (up to 20 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 4. MR Prerequisite Ongoing Purchasing and Waste Policy (required)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing purchase of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Number of Paper Towels Purchased Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	200
Restaurant	800	1,600
Large Office Building (500,00 sf)	10,000	20,000
Airport (125,000 passengers/day)	100,000	200,000

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry.

- 5. MR Credit Solid Waste Management - Ongoing (1-2 points)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing waste of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Pounds of Paper Towel Waste Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	1.25 lbs.
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Large Office Building (500,00 sf)	10,000	125 lbs.
Airport (125,000 passengers/day)	100,000	1250 lbs.

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry and a trifold paper towel weight of 1/10th of an ounce.

- 6. EQ Prerequisite Green Cleaning Policy (required)** XLERATOR hand dryers may contribute to this credit by encouraging and improving hand hygiene and promoting the conservation of energy used in the building. In a Life Cycle Assessment, the XLERATOR represents a climate change score that is 220% lower than both conventional hand dryers and paper towel dispensing systems.
- 7. EQ Credit Green Cleaning – Custodial Effectiveness Assessment (1 point)** XLERATOR hand dryers may contribute to this credit by reducing custodial tasks including replacement of paper towels and removal of paper towel waste.

## LEED O+M: HOSPITALITY

- 1. EA Prerequisite Energy Efficiency Best Management Practices (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. Project teams may provide the following run-time schedule: 1500 kWh per 12 second cycle.
- 2. EA Prerequisite Minimum Energy Performance (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 3. EA Credit Optimize Energy Performance (up to 20 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- 4. MR Prerequisite Ongoing Purchasing and Waste Policy (required)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing purchase of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Number of Paper Towels Purchased Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	200
Restaurant	800	1,600
Large Office Building (500,00 sf)	10,000	20,000
Airport (125,000 passengers/day)	100,000	200,000

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry.

- 5. MR Credit Solid Waste Management - Ongoing (1-2 points)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing waste of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Pounds of Paper Towel Waste Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	1.25 lbs.
Restaurant	800	10 lbs.
Large Office Building (500,00 sf)	10,000	125 lbs.
Airport (125,000 passengers/day)	100,000	1250 lbs.

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.  
 \*\* Estimate based on 2 paper towels per hand dry and a trifold paper towel weight of 1/10th of an ounce.

- 6. EQ Prerequisite Green Cleaning Policy (required)** XLERATOR hand dryers may contribute to this credit by encouraging and improving hand hygiene and promoting the conservation of energy used in the building. In a Life Cycle Assessment, the XLERATOR represents a climate change score that is 220% lower than both conventional hand dryers and paper towel dispensing systems.
- 7. EQ Credit Green Cleaning – Custodial Effectiveness Assessment (1 point)** XLERATOR hand dryers may contribute to this credit by reducing custodial tasks including replacement of paper towels and removal of paper towel waste.



## LEED O+M: WAREHOUSES AND DISTRIBUTION CENTERS

- EA Prerequisite Energy Efficiency Best Management Practices (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. Project teams may provide the following run-time schedule: 1500 kWh per 12 second cycle.
- EA Prerequisite Minimum Energy Performance (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- EA Credit Optimize Energy Performance (up to 20 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in a building's actual metered energy consumption. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers.
- MR Prerequisite Ongoing Purchasing and Waste Policy (required)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing purchase of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Number of Paper Towels Purchased Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	200
Restaurant	800	1,600
Large Office Building (500,00 sf)	10,000	20,000
Airport (125,000 passengers/day)	100,000	200,000

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.

\*\* Estimate based on 2 paper towels per hand dry.

- MR Credit Solid Waste Management - Ongoing (1-2 points)** XLERATOR hand dryers may contribute to this credit by eliminating the ongoing waste of paper towels.

Facility Type	*Estimated Hand Dries Per Day	**Estimated Pounds of Paper Towel Waste Per Day Eliminated by Using XLERATOR
Small Office Building (5,500 sf)	100	1.25 lbs.
Restaurant	800	10 lbs.
Large Office Building (500,00 sf)	10,000	125 lbs.
Airport (125,000 passengers/day)	100,000	1250 lbs.

\* Estimate based on LEEDv4 Indoor Water Use Reduction Calculator default lavatory usage.

\*\* Estimate based on 2 paper towels per hand dry and a trifold paper towel weight of 1/10th of an ounce.

- EQ Prerequisite Green Cleaning Policy (required)** XLERATOR hand dryers may contribute to this credit by encouraging and improving hand hygiene and promoting the conservation of energy used in the building. In a Life Cycle Assessment, the XLERATOR represents a climate change score that is 220% lower than both conventional hand dryers and paper towel dispensing systems.
- EQ Credit Green Cleaning – Custodial Effectiveness Assessment (1 point)** XLERATOR hand dryers may contribute to this credit by reducing custodial tasks including replacement of paper towels and removal of paper towel waste.

## LEED ND: PLAN

- Green Infrastructure and Buildings Minimum Building Energy Performance (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.
- Green Infrastructure and Buildings Credit Optimize Building Energy Performance (up to 2 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.

## LEED ND: PROJECT

- Green Infrastructure and Buildings Minimum Building Energy Performance (required)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.
- Green Infrastructure and Buildings Credit Optimize Building Energy Performance (up to 2 points)** XLERATOR hand dryers may contribute to this credit as energy efficiencies associated with the dryer contribute to a reduction in proposed building energy use. The XLERATOR represents an 80 percent energy use reduction over conventional hand dryers. XLERATOR hand dryers are 1500 Watts. Project teams may input 4.7 kWh per 12 second cycle *use* and 39.5 mA *non-use* draw for energy modelling purposes.



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