

EXTREMEAIR®

GREEN GUIDE

Protect the Environment

Paper towels cannot be recycled, consume precious resources, and use excessive landfill space.

To make one ton of virgin paper towels consumes up to:

20,000 gallons of water are polluted

17 trees are

384 gallons of oil

42 gallons of gasoline



A major bottling company will eliminate about 96 yards of landfill waste per year by replacing five paper towel dispensers with **EXTREMEAIR** hand dryers. The operating costs of the hand dryers is less than \$16 per year!

- The customer placed this sign above the dryers to educate employees on the benefits.

Environmental Project

Reduce Reuse Recycle ~ 96 Cubic Yards of Landfill Space

• American Dryer ExtremeAir Hand Dryers



In July 2008 we switched from five paper towel dispensers in various places around the plant to these new High Speed / High Efficiency hand dryers. It will take less than \$16 dollars of electricity to run all five hand dryers for one year. The benefits of this project are three fold. We no longer need to purchase paper towels, we no longer need to purchase the D cell batteries needed to operate the dispensers and were able to reduce from a 4 cubic yard dumpster pulled once per week to a 2 yard dumpster pulled once every other week.



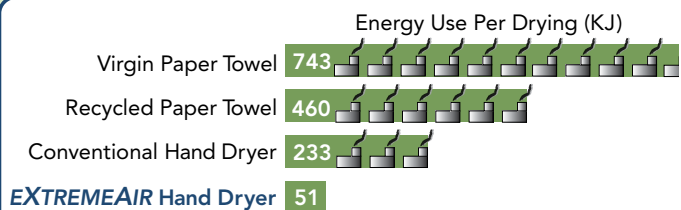
Recently, The Discovery Channel aired a program "Building a Sustainable Future" hosted by Louis Gosset, Jr. The program featured several companies with green products. The first of these was the **EXTREMEAIR** hand dryer. The **EXTREMEAIR** hand dryer was selected because it reduces landfill waste associated with paper towels. It's 3X faster than conventional hand dryers while using 80% less energy.

EXTREMEAIR® Hand Dryer



With its patented technology, the **EXTREMEAIR** is **3X faster - it dries hands completely in 10-15 seconds**. This is accomplished with a powerful blast of warm air that quickly breaks up the layer of surface water on a user's hands for quick removal and evaporation.

While all American hand dryers save trees and reduce landfill waste - **The EXTREMEAIR uses up to 80% less energy than conventional hand dryers.**



The new GXT **EXTREMEAIR** hand dryer has been GreenSpec® Listed. This is an unbiased list of the most environmentally friendly products

published by the editors of Environmental Building News. The **EXTREMEAIR** met tough GreenSpec standards because it conserves energy and reduces maintenance and waste.



The **EXTREMEAIR** helps facilities qualify for **LEED®** credits. **LEED** stands for Leadership in Energy and Environmental Design. The **EXTREMEAIR** helps facilities qualify for LEED-NC, LEED-EB AND LEED-CI Credits in two categories:

- **EA Credit 1 – Optimize Energy Performance**
- **EA Prerequisite 2 – Minimum Energy Performance**

American Hand Dryers Provide a 95% Cost Savings versus Paper Towels. The EXtremeAIR® uses about \$0.40 of Electricity per 1,000 hand dryings!

PAPER TOWEL COSTS

1. Number of Cases of Paper Towels Used Annually _____
2. Cost Per Case of Paper Towels
(Include Freight & Sales Tax) _____ (Typically \$15 to \$25 per case)
3. Total Paper Towel Cost Per Year _____
4. Handling and Disposal Cost of Paper Towels
(Industry standard factor of 50% to account for the cost of procurement, storage, servicing of dispensers, collection and disposal of paper towels) _____
5. **TOTAL COST OF PAPER TOWELS PER YEAR** \$

HAND DRYER COSTS

6. Number of Paper Towels Used Annually
(Item 1 multiplied by the number of sheets per case) _____ (C-fold = 2,400/case
Multi-fold = 4,000/case
Roll towels = 4,800/case)
7. Number of Hand Dryings Per Year
(Item 6 divided by 2.5 towels per dry) _____
8. Hours of Hand Dryer Usage
(EXtremeAIR - Item 7 divided by 360
Other dryers - Item 7 divided by 120) _____
9. Cost of Electricity Per Hour
(GX/GXT dryers - 1.5 multiplied by your KWH rate
Other dryers - 2.3 multiplied by your KWH rate) _____
10. Annual Hand Dryer Operating Costs
(Item 8 multiplied by Item 9) _____
11. **YOUR ANNUAL SAVINGS** (Item 5 minus Item 10) \$
- COMPUTE YOUR % SAVINGS** (Item 11 divided by Item 5) %

YOUR PAYBACK TIME

12. Total Cost of Hand Dryers Including Installation
(Installation is typically \$50 to \$125 per dryer) _____
13. **PAYBACK TIME IN MONTHS**
(Item 12 divided by Item 11 multiplied by 12 months) months

Estimate number of hand dryers required:

- One hand dryer for every two wash basins in most applications
- One hand dryer for every one wash basin in heavy traffic applications
- Four hand dryers for every 54" round wash station