

# EXTREMEAIR® HAND DRYER SERIES SPECIFICATIONS

## EXTREMEAIR® INNOVATION IN HIGH-SPEED HAND DRYING

### The EXTREMEAIR Hand Dryers

American Dryer was the first to introduce the compact, high-speed hand dryer. Our EXTREMEAIR dries hands in 10-15 seconds depending on the model, uses 80-90% less energy versus conventional hand dryers, and provides up to 98% cost savings versus paper towels. Today we continue to innovate. Our current version of the EXTREMEAIR is the result of our ongoing commitment to building the very best hand dryer in the industry.

Our series of high speed hand dryers consists of the EXTREMEAIR CPC which features our exclusive high performance cold plasma generator. The generator is 100% maintenance free, uses no chemicals and doesn't create harmful levels of ozone. The series also includes the EXTREMEAIR Original and the EXTREMEAIR ECO with no heat technology. All of our EXTREMEAIR models come with the following standard features.

### STANDARD FEATURES:

#### Adjustable Sound & Speed

Innovative technology allows the hand dryer to be adjusted to your preference – providing the perfect balance of speed, energy efficiency and sound. It's ideal for sports stadiums, schools or a quiet library.

#### Universal Voltage

Universal voltage makes life easy. The EXTREMEAIR models can be connected to any voltage from 100-240 VAC, making it easy to order and easy to install.

#### Compact Design

The EXTREMEAIR is the most compact hand dryer in the industry. It's 43% smaller than old "industry standard" high-speed hand dryers.

#### Vandal Resistant

Two tamper-resistant screws secure the heavy-duty, vandal-resistant cover to the steel base. Motor, heater and electronics are inaccessible to vandals. Air intake is shielded for additional safety. Virtually indestructible one-piece fixed nozzle.

#### 5-Year Premium Warranty

Includes same-day factory repair or shipment of replacement parts. See owner's manual for details.



#### Smart Sensor

Ultra energy-efficient, microprocessor-controlled sensor turns dryer on when hands are under the outlet for up to 35 seconds. Standby power is less than one watt. Features RoHS compliant lead-free design.

#### Ultra Life High Performance Motor

Motor lasts longer and is quieter. The 5/8 HP motor is adjustable from 24,000 to 14,000 RPM and includes an automatic resetting thermal protector.

#### Heavy-Duty, One-Piece Cover Options

- Flame-retardant white ABS
- Steel with white epoxy finish (M)
- Steel with black graphite epoxy finish (BG)
- Steel with satin chrome finish (C)
- Stainless steel with #4 brush finish (SS)

# GREEN FACTS

## Energy Reduction

Our family of **EXTREMEAIR** hand dryers help to minimize your carbon footprint by reducing energy. The **EXTREMEAIR EXT** series is the first high-speed hand dryer to reduce power consumption to an industry-leading 500 - 300 watts of electricity - that's up to 3X less energy than other "green" hand dryers.



### Energy Per Use

<b>EXT SERIES</b>	22 KJ
<b>CPC SERIES</b>	51 KJ
<b>GXT SERIES</b>	51 KJ
STANDARD ELECTRIC HAND DRYER	233 KJ
PAPER TOWELS 100% RECYCLED CONTENT	460 KJ
VIRGIN PAPER TOWELS	743 KJ

Energy is measured in KiloJoules (KJ). Lower numbers represent less energy use and less cost. EXT uses 90.6% less energy than a standard electric hand dryer.

## Green Facts <sup>(1)</sup>

Paper towels cannot be recycled, consume precious resources and use excessive landfill space. Making one ton of virgin paper towels can use:

- 7,000 gallons of water
- 17 full grown trees
- 464 gallons of oil
- 42 gallons of gasoline
- 3 yards of landfill waste

A major bottling company eliminated about 96 yards of landfill waste per year by replacing five paper towel dispensers with **EXTREMEAIR** hand dryers.

## Cost Savings

Going green doesn't have to cost a lot of money. In fact, the **EXTREMEAIR** saves customers up to 98% versus paper towel costs while eliminating landfill waste.

The operating cost of the **EXTREMEAIR** hand dryers is less than \$16 per year. To calculate your savings, fill out the savings worksheet on page 10. To see cost savings examples visit our website [americandryer.com/cost-savings/](http://americandryer.com/cost-savings/).

(1) The Resource Recovery and Recycling Authority of Southwest Oakland County. Web 2016

## Green Certifications



The **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 uses 80-90% less energy than conventional hand dryers and reduces maintenance and waste.



LEED stands for Leadership in Energy and Environmental Design. The Greener Products Certified Seal confirms the product complies with the LEED, LEED for Homes and NAHB standards. The **EXTREMEAIR** helps facilities qualify for LEED Credits in several categories:

<b>EA Credit 1</b>	Optimizing Energy Performance (Mandatory)
<b>MR Credit 6</b>	Solid Waste Management – Waste Stream Audit
<b>IEQ Credit 3.1</b>	Green Cleaning – High Performance Cleaning Program
<b>IO Credit 1</b>	Innovation in Operations
<b>IO Credit 3</b>	Documenting Sustainable Building Cost Impacts



The **EXTREMEAIR** is California Air Resources Board compliant.



# EXTREMEAIR<sup>®</sup> CPC, GXT & EXT HAND DRYER SERIES



White ABS



Steel White Epoxy



Steel Black Graphite



Steel Satin Chrome



Stainless Steel

## COMPACT • HIGH SPEED • ENERGY EFFICIENT



### Featuring Exclusive Cold Plasma Clean<sup>®</sup> technology

Exclusive Cold Plasma Clean<sup>®</sup> technology:

- Maintenance free
- No chemicals

CPC SPECIFICATIONS	
Dry Time	10 + Seconds (Adjustable)
Air Velocity	19,000-10,000 LFM (Linear Feet per Min.)
Sound Level	83 - 69 dB
Air Temperature	135° F at 72° F room temperature
Universal Voltage	100-240 V, 50/60Hz
Power	12.5 A max. @ 120 V, 6.5 A max. @ 240 V 1500 - 800 W adjustable

CPC MODEL REFERENCE CHART	
White ABS	CPC9
Steel White Epoxy	CPC9-M
Steel Black Graphite	CPC9-BG
Steel Satin Chrome	CPC9-C
Stainless Steel	CPC9-SS
Dimensions: 10-1/8" W x 9-3/8" H x 5-5/8" D	



### The original high speed, compact, energy efficient hand dryer

The original and still the best:

- Adjustable Sound & Speed
- Universal Voltage
- Sleek, compact design

GXT SPECIFICATIONS	
Dry Time	10 + Seconds (Adjustable)
Air Velocity	19,000-10,000 LFM (Linear Feet per Min.)
Sound Level	83 - 69 dB
Air Temperature	135° F at 72° F room temperature
Universal Voltage	100-240 V, 50/60Hz
Power	12.5 A max. @ 120 V, 6.5 A max. @ 240 V 1500 - 800 W adjustable

GXT MODEL REFERENCE CHART	
White ABS	GXT9
Steel White Epoxy	GXT9-M
Steel Black Graphite	GXT9-BG
Steel Satin Chrome	GXT9-C
Stainless Steel	GXT9-SS
Dimensions: 10-1/8" W x 9-3/8" H x 5-5/8" D	



### One of the most energy efficient, eco friendly hand dryer's ever

Eco no-heat technology:

- Significant energy savings
- Multiple units on one line
- Reduced installation costs
- Standby power of less than 1 watt

EXT SPECIFICATIONS	
Dry Time	12 + Seconds (Adjustable)
Air Velocity	19,000-10,000 LFM (Linear Feet per Min.)
Sound Level	83 - 69 dB
Air Temperature	85° F at 72° F room temperature
Universal Voltage	100-240 V, 50/60Hz
Power	4.5 A max. @ 120 V, 2.3 A max. @ 240 V 500 - 300 W adjustable

EXT MODEL REFERENCE CHART	
White ABS	EXT7
Steel White Epoxy	EXT7-M
Steel Black Graphite	EXT7-BG
Steel Satin Chrome	EXT7-C
Stainless Steel	EXT7-SS
Dimensions: 10-1/8" W x 9-3/8" H x 5-5/8" D	

## Cost Savings

DRY UP TO 100 PAIRS OF HANDS FOR THE COST OF ONE PAPER TOWEL.

American Dryer's full line of virtually maintenance-free hand dryers save customers up to 98% of paper towel costs, providing a return on investment within months, all while protecting the environment.

### Cost per 1,000 hand dryings

<b>EXT SERIES</b>	\$0.18
<b>CPC SERIES</b>	\$0.42
<b>GXT SERIES</b>	\$0.42
<b>PAPER TOWEL</b>	<b>\$23.44</b>

## Dryer Placement:

Dryers should be placed at least 2 feet apart and at least 12" from washbasin. Do not install dryer over washbasin. Automatic dryers should be at least 18" above any projection which may interfere with the operation of the automatic sensor. In congested areas the dryers should be located to create a flow from the washbasin to the dryer and to the exit. Recommended mounting heights are shown in the table below.

## Dryer Installation

Dryers must be installed by a licensed electrician. A single phase dedicated 15 amp or 20 amp electrical line is required. (The **EXT** series does not require a dedicated line.) Dryers must be properly grounded. One side of dryer should be mounted to a stud. All surface mount dryers are provided with conduit entrances for both in-wall and surface wiring. For indoor use only.

### RECOMMENDED MOUNTING HEIGHTS FROM BOTTOM OF DRYER TO FINISHED FLOOR

	Men	Women	Children	Disabled
All Hand Dryers	44"	42"	32" - 42"	36"

## Quantity Estimate, Hand Dryer:

Average traffic washroom... 1 dryer per 2 washbasins  
 Heavy traffic washroom..... 1 dryer per washbasin  
 54" wash fountain..... 4 dryers per sink

## Shipping Weight:

ABS 9 lbs, M/BG/C/SS 10 lbs

## ACCESSORIES

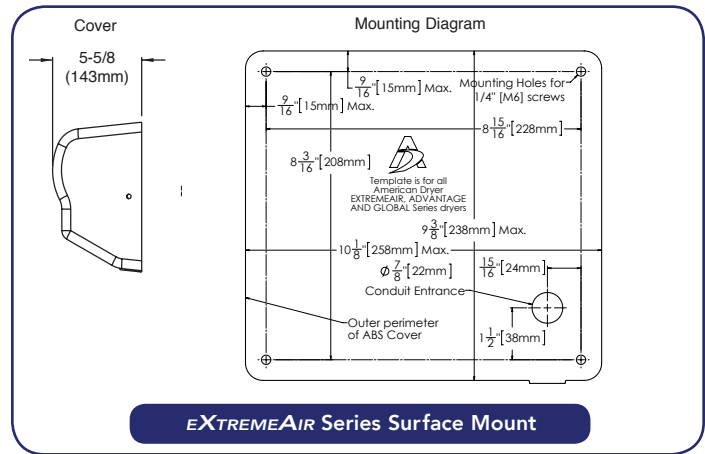


<b>ADA-WG</b> WALL GUARD	<b>ADA-RK</b> RECESS KIT	<b>AP</b> ADAPTER PLATE
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### Accessories Reference Chart

<b>ADA-WG</b>	ADA Compliant seamless stainless steel wall guard
<b>ADA-RK</b>	ADA Compliant seamless stainless steel recess kit
<b>AP</b>	Stainless steel universal adapter plate

For more information, visit [americandryer.com](http://americandryer.com)



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