

# ADVANTAGE™ AD HAND & HAIR DRYER SERIES



White ABS



Steel White Epoxy



Steel Black Graphite



Steel Satin Chrome



Stainless Steel

**DRIES IN 25 SECONDS • UNIVERSAL VOLTAGE • 5-YEAR WARRANTY**

THE **ADVANTAGE™** SERIES IS THE PERFECT REPLACEMENT FOR THE TRADITIONAL HAND AND HAIR DRYER WITH MORE POWER & FEATURES IN A COMPACT DESIGN.

**Universal Voltage:** The new **ADVANTAGE AD** series can be connected to any voltage from 100-240 volts, 50/60Hz. The dryer configures itself to your voltage, making installation easier.

**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)

**Vandal Resistant:** Tamper-resistant screws secure cover to base. Air intake vents are shielded for additional safety.

**Motor:** Heavy-duty universal motor. 1/8 HP, 4,800 RPM. Automatic thermal protector.

**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 only one watt. Features RoHS compliant lead-free design.

**Hair Drying Option (H):** When the automatic sensor is activated, the dryer will stay on for an 80-second cycle to dry hair. The fixed nozzle is angled away from the wall for comfortable hair drying.

**Heating Element:** Constructed of NiChrome resistance wire with thermal protector. Heating element operates in the black range for maximum life.

**5-year Limited Warranty:** Includes same-day factory repair or part replacement. See owner's manual for details.

## ADVANTAGE SPECIFICATIONS

Dry Time	25 Seconds
Air Flow	180 CFM (Cubic Feet per Min.)
Air Velocity	7,300 LFM (Linear Feet per Min.)
Air Temperature	120° F at 72° F Room Temperature
Sound Level	67 dB (Quietest in its class)
Dimensions Surface	10-1/8" W x 9-3/8" H x 5-5/8" D

## ADVANTAGE MODEL REFERENCE CHART

White ABS	AD90
Steel White Epoxy	AD90-M
Steel Black Graphite	AD90-BG
Steel Satin Chrome	AD90-C
Stainless Steel	AD90-SS

**Universal Voltage 100-240 V 50/60Hz**  
 12.5 A max. @ 120 V  
 6.5 A max. @ 240 V  
 1400 W

Hair drying with 80-second cycle add (H) after model number.

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

# ACCESSORIES

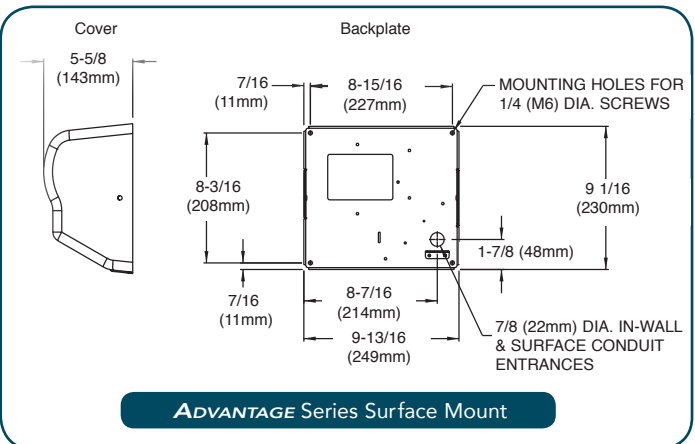


<b>ADA-WG</b> WALL GUARD	<b>ADA-RK</b> RECESS KIT	<b>AP</b> ADAPTER PLATE
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Accessories Reference Chart	
<b>ADA-WG*</b>	ADA Compliant seamless stainless steel wall guard
<b>ADA-RK*</b>	ADA Compliant seamless stainless steel recess kit
<b>AP</b>	Stainless steel universal adapter plate

\* Not for use with HAIR dryers  
For more information, visit [americandryer.com](http://americandryer.com)

## ADVANTAGE™ SERIES MOUNTING DIAGRAM



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

	Men	Women	Children	Disabled
All Hand Dryers	44"	42"	32" - 42"	36"
Advantage Hair Dryer	74"	68"	48" - 68"	48"



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## SAVE 95% VERSUS PAPER TOWELS

**ADVANTAGE** Series Hand dryers achieve up to a 95% cost savings over paper towels. These savings are realized by eliminating the maintenance and operating expenses associated with paper or linen towels.

*"Our school saved over \$28,000 last year with American Dryer!"*

### Cost Analysis for a Public School

Paper Towel Usage	400 Cases
Total Paper Costs	\$30,200
Hand Dryer Operating Costs	\$666
<b>ANNUAL SAVINGS</b>	<b>\$28,334</b>
Payback Time	7 Months

### Cost Analysis for a Restaurant

Paper Towel Usage	40 Cases
Total Paper Costs	\$3,000
Hand Dryer Operating Costs	\$66
<b>ANNUAL SAVINGS</b>	<b>\$2,934</b>
Payback Time	8 Months

## GENERAL INFORMATION

### 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. 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.

### 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 8 lbs, M/BG/C/SS 10 lbs

Printed on Recycled Paper

