

# Model RA Hand Dryer

Recessed A.D.A. Compliant Push-Button Hand Dryer



**WORLD DRYER**

World Model RA hand dryer is an ADA compliant hand dryer with longest motor life and the best washroom solution for high traffic facilities.

### Product Benefits

- ADA compliant
- 30 second drying time
- Longest life of all dryers
- Lowest sound level
- Durable and vandal resistant
- Classic style design

### Design Features

#### Dryer

- Activated by electro-mechanical timer with 25 Amp switch
- 30 second drying cycle
- Incorporates a 2100 (optional 1500) watt Nichrome wire heating element  
Protected by an automatic-resetting, thermal cutoff
- Provides a 70° F temperature rise
- IPX1 ingress protection

#### Motor

- Thermally-protected, universal brush-type motor operating at 7,500 RPM
- Delivering 200 CFM air flow at a velocity of 7,300 LFM

#### Materials

- Cover material: Cast Iron with porcelain enamel finish
- The wall-mounted base is constructed of die-cast aluminum
- The nozzle is constructed of die-cast zinc alloy finished in bright chrome with field option of rotating configuration.



### Model RA Product Specifications

#### Electrical

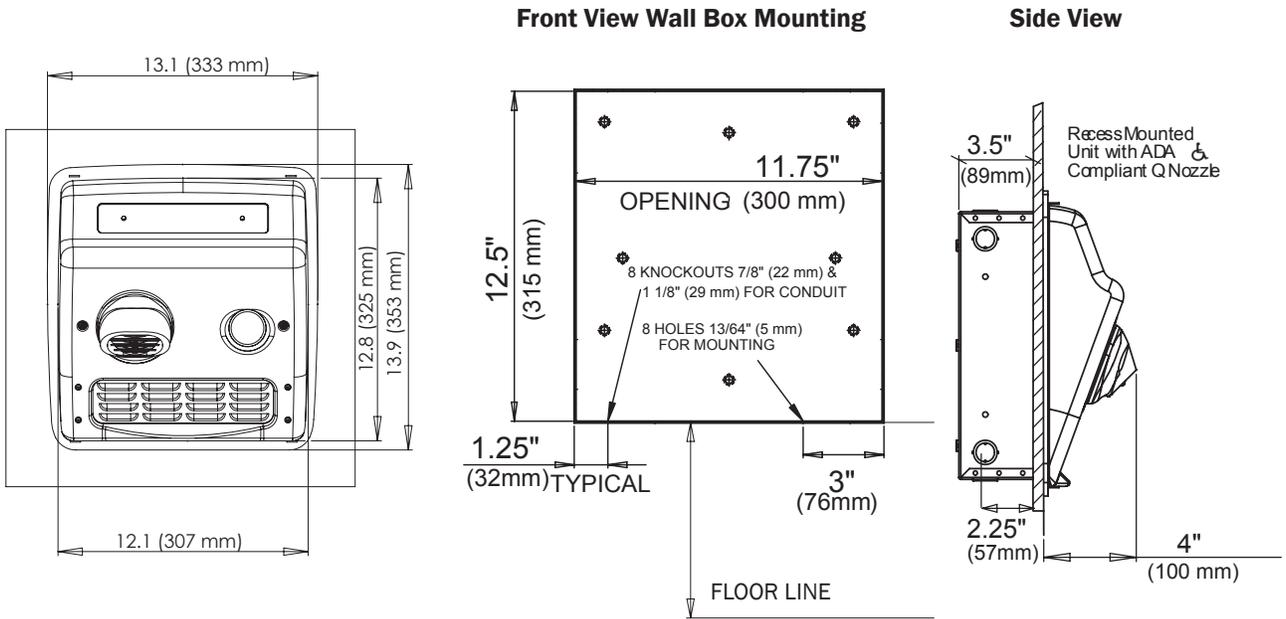
|       | 115 V | 115 V | 208 - 230 V | 220 - 240 V | 277 V |
|-------|-------|-------|-------------|-------------|-------|
| Amps  | 20    | 15    | 10          | 10          | 8.5   |
| Watts | 2300  | 1725  | 2300        | 2300        | 2300  |
| Hz    | 60    | 60    | 60          | 50          | 60    |

### Architecture & Engineering Specifications

World Dryer Model RA hand dryers shall include a cover made of 1/4" thick cast iron with porcelain enamel finish. Motor shall be universal type, 1/10 HP at 7500 RPM. Dryers shall deliver 200 cubic feet per minute of air volume (7300 LFM). Timer shall be electro-mechanical cam-style with 25 AMP rated switch to operate dryer for 30 second period. Recessed units use a 16-gauge steel wall mounting box. Hand dryers shall be listed under reexamination service of Underwriters Laboratories, Inc.

| Stock #    | Cover Finish | Cover Material | Electrical     | Unit Weight     | Unit Size (HxWxD) inch/mm          | Shipping Size (HxWxD) inch/mm     |
|------------|--------------|----------------|----------------|-----------------|------------------------------------|-----------------------------------|
| RA5-Q974   | White        | Cast Iron      | 115 V (20 Amp) | 35 lbs/15.8 kgs | 13.8" x 13.1" x 4" 351 x 333 x 102 | 15" x 15" x 11.25 381 x 381 x 286 |
| RA52-Q974  | White        | Cast Iron      | 115 V (15 Amp) | 35 lbs/15.8 kgs | 13.8" x 13.1" x 4" 351 x 333 x 102 | 15" x 15" x 11.25 381 x 381 x 286 |
| RA54-Q974  | White        | Cast Iron      | 208 - 230V     | 35 lbs/15.8 kgs | 13.8" x 13.1" x 4" 351 x 333 x 102 | 15" x 15" x 11.25 381 x 381 x 286 |
| RA548-Q974 | White        | Cast Iron      | 220 - 240 V    | 35 lbs/15.8 kgs | 13.8" x 13.1" x 4" 351 x 333 x 102 | 15" x 15" x 11.25 381 x 381 x 286 |
| RA57-Q974  | White        | Cast Iron      | 277 V          | 35 lbs/15.8 kgs | 13.8" x 13.1" x 4" 351 x 333 x 102 | 15" x 15" x 11.25 381 x 381 x 286 |

## Recess Mounted



## Placement Instruction

- Hand dryers should be spaced at least 2 feet apart, near but not over the wash basin
- In congested areas, dryers should be located to create a flow from wash basin to dryer to exit
- Dryer Quantity Recommendation:  
Average Traffic: 1 dryer per 2 wash basins  
Heavy Traffic: 1 dryer per wash basin  
Industrial 54" Circular wash fountains: 4 dryers per sink
- Recommended mounting heights from floor to dryer bottom edge

|                                  |              |
|----------------------------------|--------------|
| Men's washrooms                  | 42" (107 cm) |
| Women's washrooms                | 40" (102 cm) |
| Children's washrooms, ages 4-7   | 28" (71 cm)  |
| Children's washrooms, ages 7-10  | 32" (81 cm)  |
| Children's washrooms, ages 10-13 | 36" (91 cm)  |
| Children's washrooms, ages 13-17 | 40" (102 cm) |
| Handicap Mounting Height         | 34" (86 cm)  |

Measured from floor to the bottom of the unit.

## Installation Guide

- Model RA hand dryers require a dedicated 20 AMP circuit and must be properly grounded
- GFI circuit protection is recommended.
- One side of dryer should be mounted to a stud

## Certification Approved



**IPX1**



## Warranty



3 year on motor brushes

10 year limited warranty



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92-MT040 Rev05