

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 life dryer motor and the best washroom solution for high traffic facilities.

Product Benefits

- ADA compliant
- 30 second drying time
- Longest life of all dryers
- Moderate 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 154 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.



Architecture & Engineering Specifications

Model RA hand dryers shall be manufactured by or for World Dryer Corporation® to 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 154 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.

Model RA Product Specifications

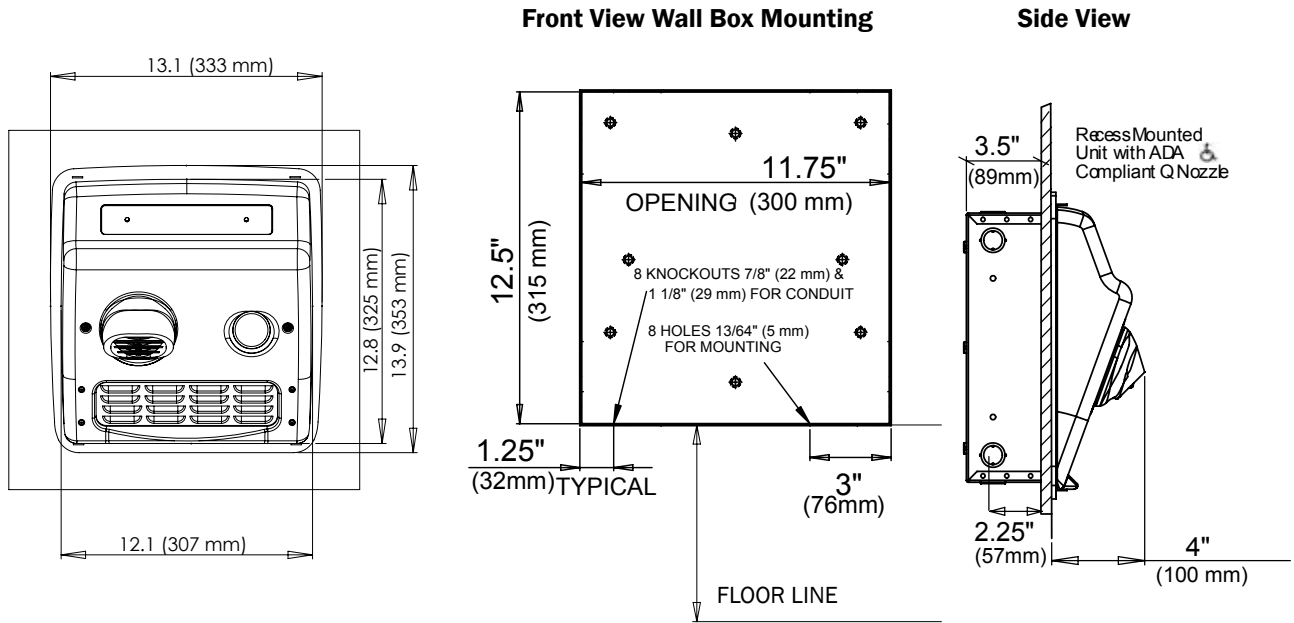
Electrical

| | 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 |

Sound Level - 73 dBA @ operator ear (with hands)

| Stock # | Cover Finish | Cover Material | Electrical | Unit Weight | Unit Size (HxWxD) inch/mm | Shipping Size (HxWxD) inch/mm |
|-----------|--------------|----------------|---------------|-----------------|------------------------------------|-----------------------------------|
| RA5-974 | 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 |
| RA52-974 | 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 |
| RA54-974 | 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 |
| RA548-974 | 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 |
| RA57-974 | 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) |

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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