

AirMax™ Series Hand Dryers



The High Speed and Heavy Duty Hand Dryers

WORLD DRYER

World AirMax series hand dryers are the industry standard for high speed hand dryers. It's suitable for high traffic facilities needing vandal resistant features.

Product Benefits

- Automatic or push-button operation
- Longest life of high speed hand dryers
- 15 second dry time; 2X faster than traditional dryers
- Uses only 1/2 the energy of standard dryers
- Low sound level
- Durable and vandal resistant
- Classic style design
- Surface or recess mounted with ADA compliance

Design Features

Dryer

- **Automatic unit** - Activated by infrared sensor, automatic drying cycle.
- **Push-button unit** - Activated by electro-mechanical timer with 25 Amp switch and 20 second cycle.
- Incorporates a 1600 watt Nichrome wire heating element Protected by an automatic-resetting, thermal cutoff
- Provides a 50° F temperature rise
- IPX1 ingress protection

Motor

- Thermally-protected, universal brush-type motor operating at 12,000 RPM
- Delivering 238 CFM air flow at a velocity of 8,624 LFM (98 MPH)

Materials

- Cover material: Cast Iron with porcelain enamel finish. Optional 14GA polished or brushed finish #304S.S. or epoxy enamel finish C.R. Steel.

Architecture & Engineering Specifications

World Dryer AirMax hand dryers shall include a cover made of 1/4" thick cast iron with porcelain enamel finish. Optional 14GA polished or brushed finish #304S.S. or epoxy enamel finish C.R. Steel. Motor shall be universal type, 1/6 HP at 12,000 RPM. Dryers shall deliver 238 cubic feet per minute of air volume (8600 LFM). Timer shall be electro-mechanical cam-style with 25 AMP rated switch to operate dryer for 20 second period. Infrared sensor detect hands, initiates and terminates drying cycle. High-tech sensor control to provide 1,000,000 dry cycles. Recessed units use a 16-gauge steel wall mounting box. Hand dryers shall be listed under reexamination service of Underwriters Laboratories, Inc.



AirMax Product Specifications

Electrical

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

Surface Mounted

Unit Size (HxWxD) 9.5" x 11.3" x 8.3" 241 mm x 287 mm x 211 mm

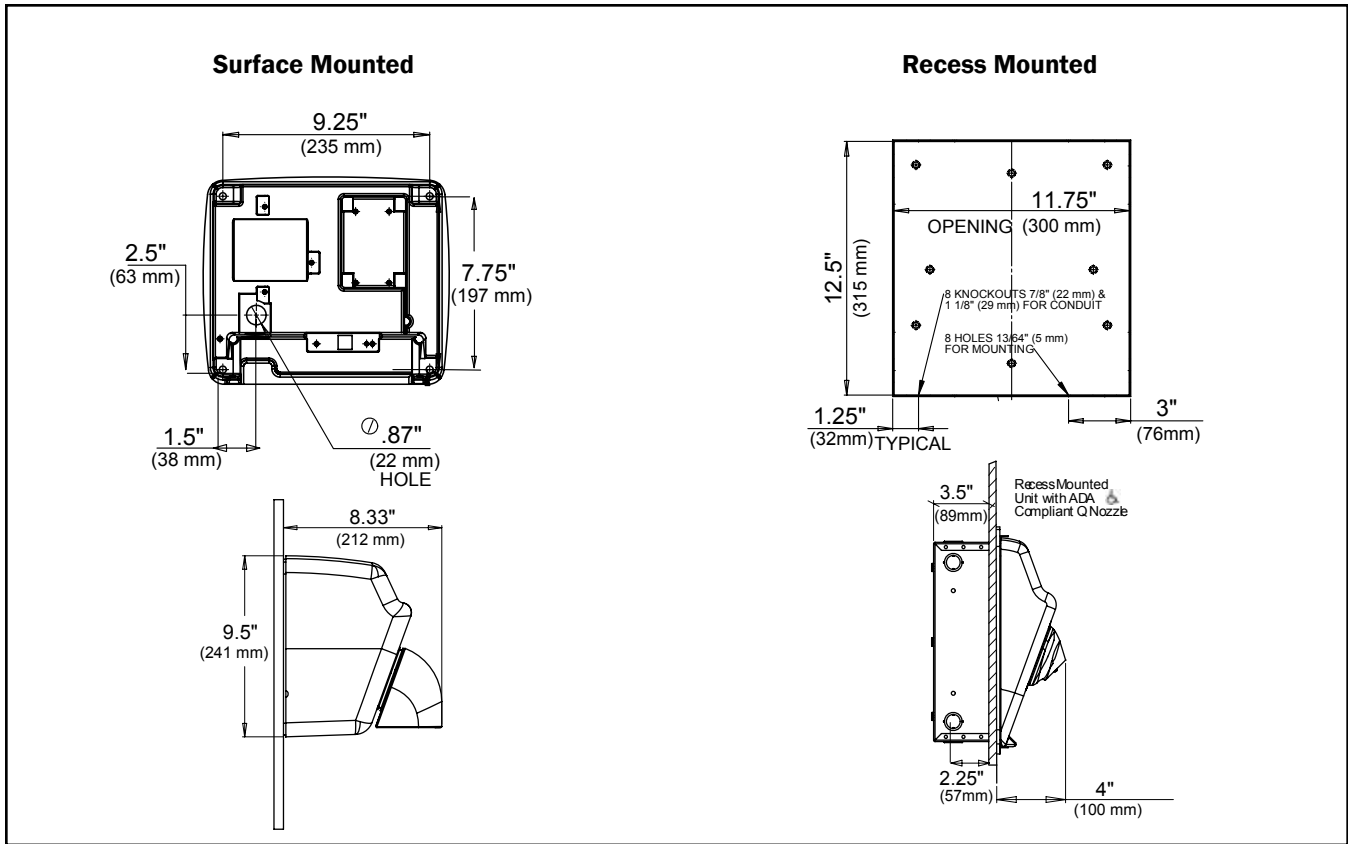
Shipping Size (HxWxD) 12.5" x 14.4" x 10.1" 317 mm x 366 mm x 256 mm

Recessed Mounted

Unit Size (HxWxD) 13.8" x 13.1" x 4" 351 mm x 333 mm x 102 mm

Shipping Size (HxWxD) 15" x 15" x 11.25" 381 mm x 381 mm x 286 mm

| Operation | Cover Finish | Cover Material | Mounting | Unit Weight | 115 V Stock # | 208-230 V Stock # | 220 -240 V Stock # |
|-------------|--------------|-----------------|----------|------------------|---------------|-------------------|--------------------|
| Push-Button | White | Cast Iron | Surface | 29 lbs/13.15 kgs | M5-974 | M54-974 | M548-974 |
| Automatic | White | Cast Iron | Surface | 29 lbs/13.15 kgs | XM5-974 | XM54-974 | XM548-974 |
| Push-Button | White | Stamped Steel | Surface | 18 lbs/8.16 kgs | DM5-974 | DM54-974 | DM548-974 |
| Automatic | White | Stamped Steel | Surface | 18 lbs/8.16 kgs | DXM5-974 | DXM54-974 | DXM548-974 |
| Push-Button | Polished | Stainless Steel | Surface | 18 lbs/8.16 kgs | DM5-972 | DM54-972 | DM548-972 |
| Automatic | Polished | Stainless Steel | Surface | 18 lbs/8.16 kgs | DXM5-972 | DXM54-972 | DXM548-972 |
| Push-Button | Brushed | Stainless Steel | Surface | 18 lbs/8.16 kgs | DM5-973 | DM54-973 | DM548-973 |
| Automatic | Brushed | Stainless Steel | Surface | 18 lbs/8.16 kgs | DXM5-973 | DXM54-973 | DXM548-973 |
| Push-Button | White | Cast Iron | Recessed | 35 lbs/15.8 kgs | RM5-Q974 | RM54-Q974 | RM548-Q974 |
| Automatic | White | Cast Iron | Recessed | 35 lbs/15.8 kgs | XRM5-Q974 | XRM54-Q974 | XRM548-Q974 |
| Automatic | Brushed | Stainless Steel | Recessed | 28 lbs/12.7 kgs | DXRM5-Q973 | DXRM54-Q973 | DXRM548-Q973 |



Placement Instruction

- Hand dryers should be spaced at least 2’ apart, near but not over the wash basin
- Automatic dryers should be located more than 18” above or away from any reflective surface that may interfere with the sensor operation.
- 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

| Washrooms | Surface Mounted | Recess Mounted |
|----------------------------------|-----------------|----------------|
| Men’s washrooms | 46” (117 cm) | 42” (107 cm) |
| Women’s washrooms | 44” (112 cm) | 40” (102 cm) |
| Children’s washrooms, ages 4-7 | 32” (81 cm) | 28” (71 cm) |
| Children’s washrooms, ages 7-10 | 36” (91 cm) | 32” (81 cm) |
| Children’s washrooms, ages 10-13 | 40” (102 cm) | 36” (91 cm) |
| Children’s washrooms, ages 13-17 | 44” (112 cm) | 40” (102 cm) |
| Handicap Mounting Height | 37” (94 cm) | 34” (86 cm) |

Measured from floor to the bottom of the unit.

Installation Guide

- AirMax 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



10 year limited warranty
5 year on motor & sensor



5700 McDermott Drive
Berkeley, IL 60163 U.S.A.
800-323-0701
www.worlddryer.com