

# LN Hand Dryer



by World Dryer Corporation

## New Stylish and Economical Hand Dryer

Electric-Aire LN Hand Dryer with modern stylish design is an affordable and good performance hand dryer. LN is a universal voltage unit that fits most electric supplies and an economical washroom solution for low to medium traffic facilities.

### Product Benefits

- Automatic operation
- Surface mounted
- Multi-voltage 100-240 VAC
- Low sound level
- Durable and vandal resistant
- Modern stylish design

### Design Features

#### Dryer

- Activated by infrared sensor, automatic drying cycle.
- Incorporates a Nichrome wire heating element Protected by a bi-metal thermostat and one shot thermal cutoff
- Provides a 70°F temperature rise
- IPX1 ingress protection

#### Motor

- Thermally-protected, universal brush-type motor operating at 7,500 RPM
- Delivering 134 CFM air flow at a velocity of 6,400 LFM (74 MPH)

#### Materials

- Cover material: Cast Aluminum with epoxy enamel finish
- Wall-mounted base: Pre-plated cold rolled 14 GA steel base
- Internal components: Corrosion resistant materials



### LN Product Specifications

#### Electrical

	120 V	208 V	240 V
Amps	8	6	7
Watts	1000	1000	1000
Hz	50/60	50/60	50/60

### Architecture & Engineering Specifications

Electric-Aire LN hand dryers shall be manufactured by or for World Dryer to include cover of die cast Aluminum with white epoxy enamel. Motor shall be thermally protected brush type with minimum 7500 RPM with a single shaft. Dryer shall deliver 134 cubic feet per minute of air volume (6400 LFM), and shall be activated by an infrared sensor, and controlled by a microprocessor that allows multi-voltage application (100 VAC to 240 VAC - 50 or 60 Hz). Dryer shall be surface mounted. Electric-Aire LN hand dryers shall be listed under reexamination service of Underwriters Laboratories, Inc.

Model	Electric Info	Cover Material	Cover Color	Mounting Options	Unit Weight	Unit size HxWxD	Shipping size HxWxD
LN-974	100-240 V	Aluminum	White	Surface	10 lbs / 4.55 kgs	10.7" x 11.6" x 4.9" 273 x 294 x 124	13.75" x 14.5" x 8" 349 x 368 x 203



## Why Choose Hand Dryers?

### Best Cost Savings

- 90%+ Savings over the cost of paper towels

### Lowest Maintenance

- No purchasing or stocking of paper towels,
- No overflowing trash cans to empty
- No fear of running out of paper towels
- No paper towels clogging your toilets

### More Hygienic

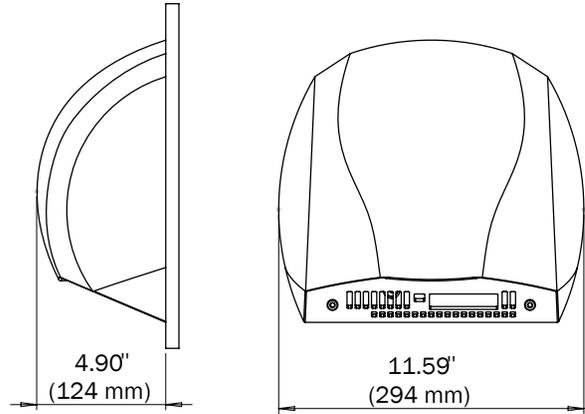
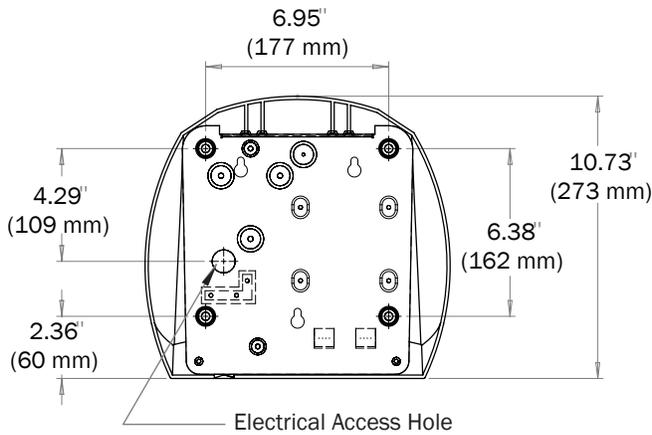
- Reduces micro-organisms
- No dirty towel overflow and littered floors
- Automatic activation prevents cross contamination

### Environmentally Friendly

- Saves Trees
- Less waste removed to landfills
- Helps to Earn LEED credits

## Surface Mounted

View Facing Wall



### 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

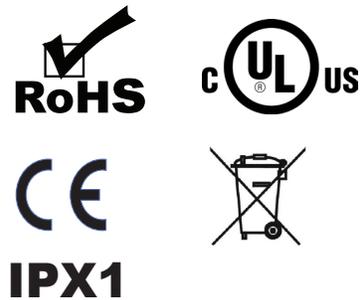
Washrooms	Surface Mounted
Men's washrooms	46" (117 cm)
Women's washrooms	44" (112 cm)
Children's washrooms, ages 4-7	32" (81 cm)
Children's washrooms, ages 7-10	36" (91 cm)
Children's washrooms, ages 10-13	40" (102 cm)
Children's washrooms, ages 13-17	44" (112 cm)
Handicap Mounting Height	37" (94 cm)

Measured from floor to the bottom of the unit.

### Installation Guide

- LN hand dryers require a dedicated 15 AMP circuit and must be properly grounded
- GFI circuit protection is recommended.
- One side of dryer should be mounted to a stud

### Certification Approved



### Warranty



2 year limited warranty



92-MT047 Rev02

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