



Tubular Specialties Manufacturing, Inc.

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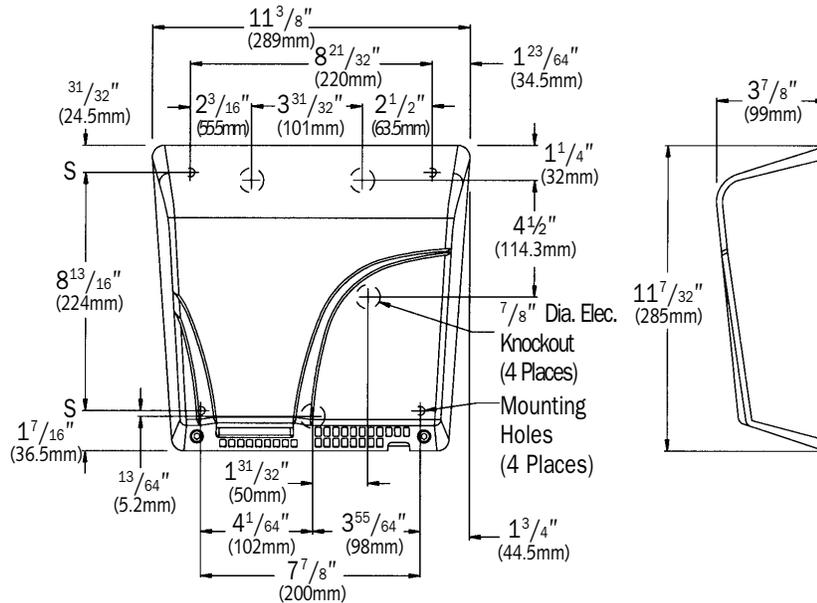
5951

Surface Mounted Sensor Hand Dryer

Technical Data

Revised April 2008

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Specification

Surface Mounted Sensor Hand Dryer shall operate automatically from IR sensor that shall activate dryer when hands are placed in sensor zone. Motor and heating element shall have internal resetting automatic thermal protection. Cover shall be fabricated of one-piece, heavy-duty cast aluminum $\frac{7}{64}$ " (2.8mm) thick and shall have all exposed surfaces finished with acid-, chip- and scratch-resistant white epoxy enamel. Fixed directional air vanes shall be heavy-duty, rust-proof and tamper-resistant. Air intake slots shall not allow access to internal parts. Back plate shall be furnished with vibration-isolating mounting bushings. Circuitry shall have self-adjusting time-out and fail-safe off protection

controlled by a microprocessor that shall detect and reject false signals and shall automatically self-calibrate to provide uniform sensitivity over its entire life span. Entire unit shall be internally electrically grounded. Dryer unit shall have cULus approval and be listed under the re-examination service of Underwriters Laboratories, Inc. Unit shall be warranted against defects in materials or workmanship for ten (10) years.

Surface Mounted Sensor Hand Dryer shall be Model 5951 as manufactured by Tubular Specialties Manufacturing, 13011 South Spring Street, Los Angeles, California 90061, tel 800-Grab Bar.



Operation

Dryer is activated by user placing hands under sensor. Dryer automatically shuts off after time-out when user removes hands from sensor zone.



Installation

- To comply with ADA Accessibility Guidelines, unit should be installed so that the bottom edge of dryer is 54" (1372mm) maximum above finished floor (AFF) if clear floor side reach access is provided, or 48" (1219mm) maximum AFF if clear forward reach access is only provided.
- For general utility, install unit so that bottom edge of dryer is 45" to 50" (1143-1270mm) AFF.
- For two or more dryers, dryers should be no closer than 24" (610mm) on center.
- Unit is surface mounted on wall with four (4) $\frac{1}{4}$ " screws, washers and bushings (supplied) through rubber grommets

(supplied) in a corrosion-protected, formed heavy steel back plate. For masonry walls, use expansion bolts or anchors for $\frac{1}{4}$ " (6mm) screws. Electrical service is supplied and connected (by others) prior to installing cover. Cover is secured to back plate with two (2) hex socket security screws (supplied).

- Accessories should be inspected periodically to make sure their attachment to the wall is not loosening.



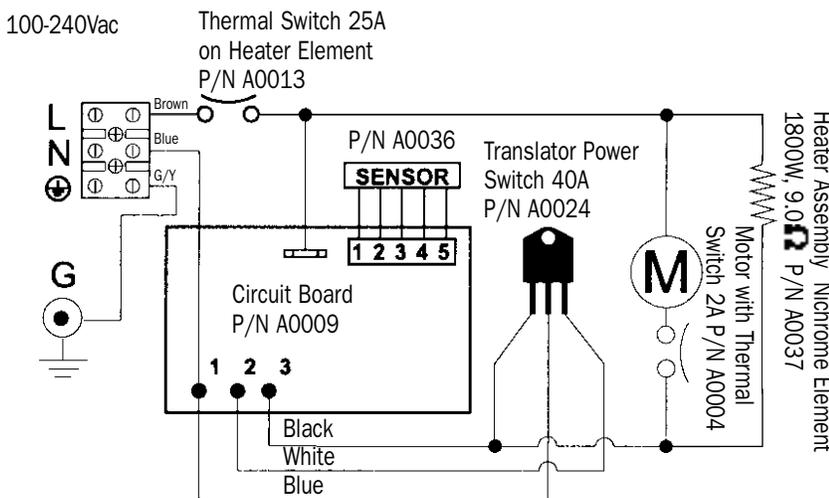
TSM 5951 Surface Mounted Sensor Hand Dryer is guaranteed against defects in workmanship and material for one year from shipping date.

Ratings

Model: 5951
 Type: Hand
 Timing: Automatic
 Motor: Brush Type Dual Ball Bearings
 H/P: 1/4
 RPM: 7500
 Fan Type: Single Inlet Centrifugal
 Air Flow: 180 CFM (306 m³/h)
 Heat Temp: 140°F (60°C) @ 77°F (25°C) Ambient Room Temperature

Volts Hertz: **115VAC-50/60Hz:** 14.4 Amps, 1653 Watts, 1488 Watt Nichrome Wire Heating Element with Auto Reset Circuit Breaker @ 115VAC
208VAC-50/60Hz: 13 Amps, 1352 Watts, 1217 Watt Nichrome Wire Heating Element with Auto Reset Circuit Breaker @ 104VAC
240VAC-50/60Hz: 15 Amps, 1800 Watts, 1620 Watt Nichrome Wire Heating Element with Auto Reset Circuit Breaker @ 120VAC

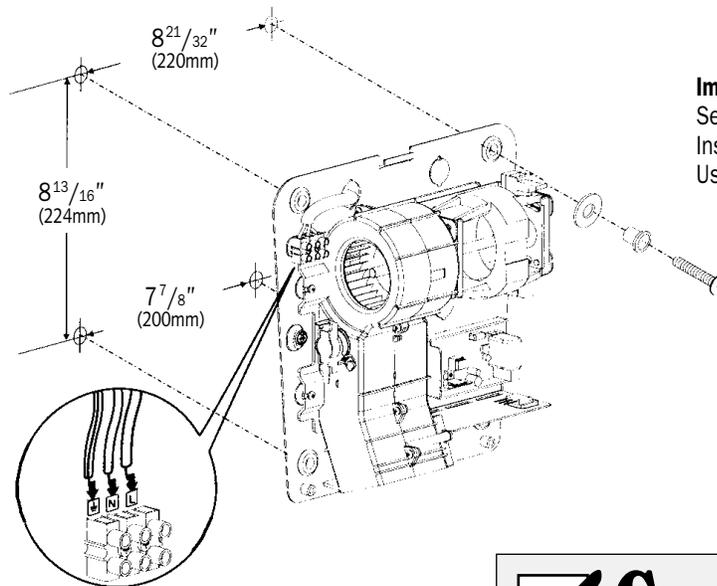
Circuit Diagram



Note

1. The ground wire must be connect to the dryer's backplate.
2. Service by qualified electrician ONLY.
3. Supply line 75°C requirement.
4. Do not daisy chain the ground wire.
5. Connect to 20A branch circuit ONLY.

Installation Diagram



Important

See Installation Template and Instructions packed with Unit.
Use Template 05072041-1



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