



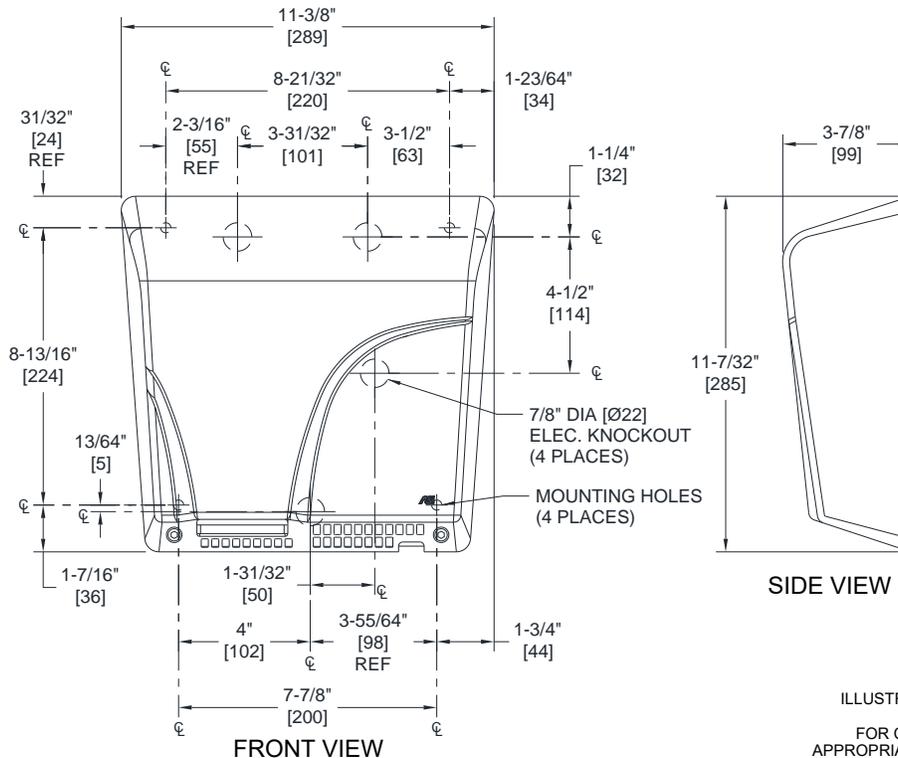
AMERICAN SPECIALTIES, INC.
 441 Saw Mill River Road, Yonkers, NY 10701
 (914) 476.9000 • (914) 476.0688
 www.americanspecialties.com

MODEL №: 0165

ISSUED: 01-05

REVISED: 17 FEB 2020

SURFACE MOUNTED SENSOR HAND DRYER (Pg 1 of 2)



NOTE
 ALL DIM'S INCH [MM]
 ILLUSTRATION FOR REF ONLY AND NTS
 FOR CLEANING INSTRUCTIONS SEE
 APPROPRIATE SECTIONS IN PRODUCT CARE &
 MAINTENANCE BULLETIN (PCM) ON ASI WEBSITE

SPECIFICATION

Surface Mounted 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 7/64" [2,6] thick, and shall have all exposed surfaces finished with acid, chip and scratch resistant 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 C-UL-US® approval and be listed under the re-examination services 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 № 0165 of American Specialties Inc., 441 Saw Mill River Road, Yonkers, NY 10701-4913

INSTALLATION

Unit is surface mounted on wall with four (4) 1/4" [6] 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 1/4" [6] 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). For compliance with ICC/ANSI A-117.1-2003 and 2010 ADA Accessibility Standards install unit with bottom of sensor lens 48" [1219] max AFF (Above Finished Floor) if clear floor forward reach or if clear floor side reach access is provided or 46" [1168] max AFF if side reach access over an obstruction (e.g. vanity) with reach depth greater than 10" [254] and less than 25" [635] is only provided or 44" [1118] max AFF if forward reach over an obstruction (e.g. commode) with reach depth greater than 20" [508] and less than 25" [635] is only provided. For general utility, install unit so that bottom edge of dryer is 45" to 50" [1143 to 1270] AFF. For two or more dryers, dryers should be no closer than 24" [610] on center.

OPERATION

Dryer is activated by user placing hands under sensor. LED in sensor array shines blue light during operation to guide user to optimal hand placement for shorter drying time. Dryer automatically shuts off after time-out when user removes hands from sensor zone.



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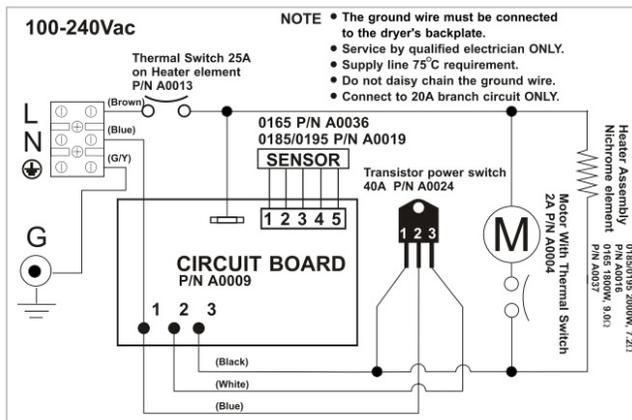
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SURFACE MOUNTED SENSOR HAND DRYER (Pg 2 of 2)

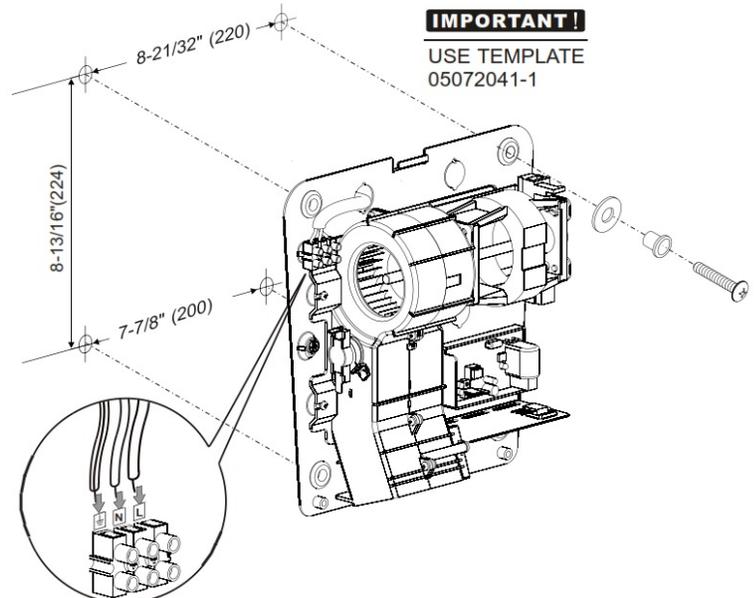
RATINGS							
MODEL	TYPE	TIMING	SUPPLY	AMPS (MAX)	WATTS	SOUND PRESSURE	COLOR
0165	Hand	Automatic 60 second Shut-Off	115 VAC 50/60 Hz	14.4	1653	66 dB-A @ 2M	White
			208 VAC 50/60 Hz	13	1352		
			240 VAC 50/60 Hz	15	1800		

MODEL	MOTOR	H/P	RPM x1000	FAN TYPE	AIR FLOW	HEATING ELEMENT	AIR OUTPUT TEMPERATURE	DRYING TIME
0165	Brush Type Dual Ball Bearings	.25	75	Single Inlet Centrifugal	180 CFM (306 m ³ /h)	1488 Watt Nichrome wire with auto reset circuit breaker @ 115V AC 1217 Watt Nichrome wire with auto reset circuit breaker @ 104V AC 1620 Watt Nichrome wire with auto reset circuit breaker @ 120V AC	140° F (60° C) @ 77°F (25° C) Ambient room temperature	Less Than 15 Seconds

Circuit Diagram



Installation Diagram



See installation template and instructions packed with unit.