



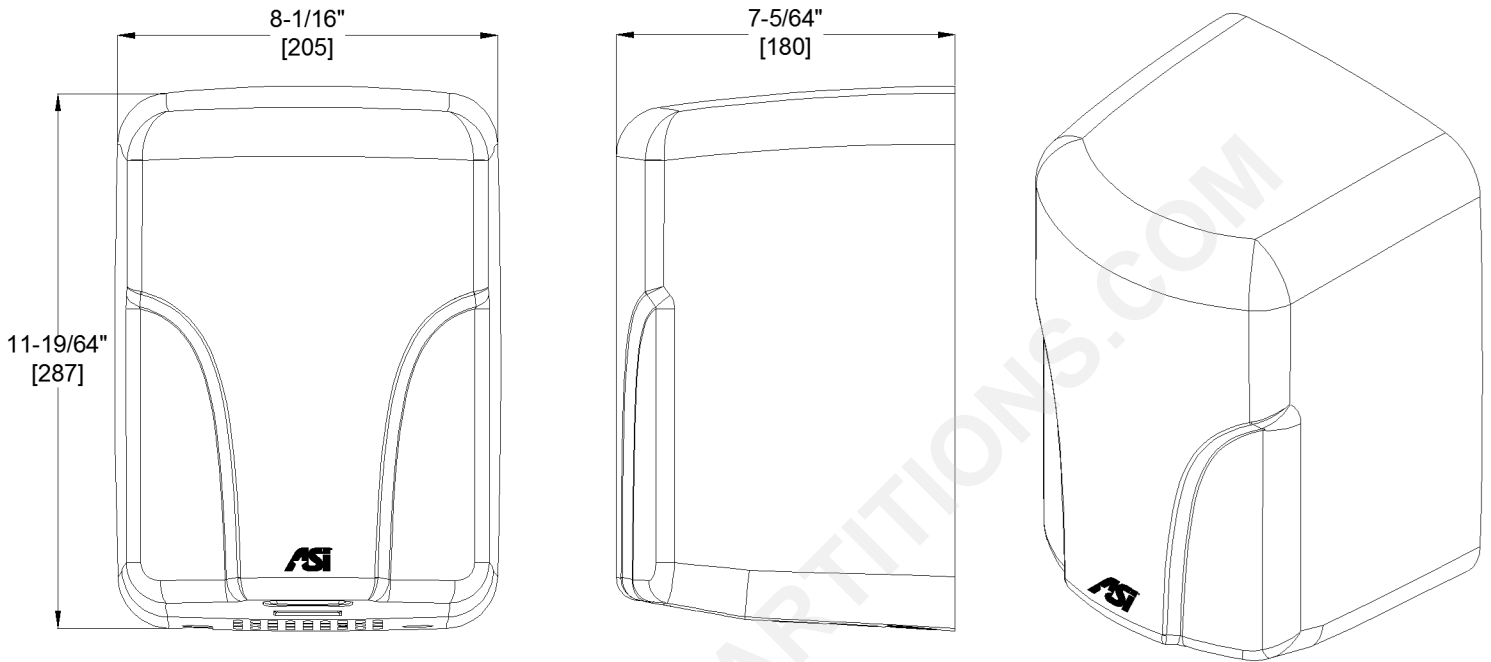
**AMERICAN SPECIALTIES, INC.**  
 441 Saw Mill River Road, Yonkers, NY 10701  
 (914) 476.9000 • (914) 476.0688  
 www.americanspecialties.com

**MODEL №: 0197**

**ISSUED: 2-08**

**REVISED: 16 AUG 2016**

**SURFACE MOUNTED HIGH-SPEED HAND DRYER (PAGE 1 OF 2)**



**SPECIFICATION**

Surface Mounted High-Speed Hand Dryer shall operate automatically from IR sensor activated by beam reflection from objects placed in sensing zone. Motor and heating element shall have internal resetting automatic thermal protection. Unit shall develop 68 CFM (116 m<sup>3</sup>/h) of heated air and shall provide drying time of less than 12 seconds. Warm air output temperature and velocity shall be adjustable by owner. Cover shall be fabricated of heavy-duty, one piece formed stainless steel 1/16" [1.5] thick finished on all exposed surfaces as satin or bright polished (by option specified) or heavy-duty, one piece formed steel 1/16" [1.5] thick finished on all exposed surfaces with white porcelain enamel. Fixed directional air nozzle shall be heavy-duty, rust proof and highly tamper resistant. Air intake slots shall not allow access to internal parts. 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. Sensitivity shall be adjustable by owner to suit mounting conditions and intended usage population. Entire unit shall be internally electrically grounded. Motor speed shall be adjustable by owner in range between maximum power and maximum efficiency. Dryer unit shall have C-UL-US<sup>®</sup>, CE, and TÜV approval and be listed under the re-examination services of Underwriters Laboratories, Inc. Unit shall be warranted against defects in materials or workmanship for five (5) years.

**Surface Mounted High Speed Hand Dryer shall be Model № 0197-\_\_ {specify voltage suffix}-\_\_ {specify color option if other than white} of American Specialties, Inc., 441 Saw Mill River Road, Yonkers, NY 10701-4913**

**INSTALLATION**

Surface mount unit on wall with four (4) 1/4" [6.4] washers and screws or bolts (not supplied) through holes (provided) in a corrosion protected steel back plate into suitable prepared mountings (by others) or other suitable mounting hardware (by others) to suit wall conditions. Electrical service is supplied and connected (by others) prior to installing cover. Cover is secured to back plate with recessed, pin-hex socket head cap screws (supplied). For compliance with ICC/ANSI A-117.1-2003 and 2010 ADA Accessibility Standards for adults, install unit with bottom of sensor lens 48" [1219] maximum above finished floor (MAX AFF) if unobstructed reach access is provided or 44" [1118] MAX AFF if forward reach over an obstruction (e.g. vanity or commode) with reach depth greater than 20" [508] and less than 25" [635] is only provided. For general utility, install unit so that sensor lens is 44" to 54" [1118 to 1372] AFF.

**OPERATION**

Activate dryer by placing hands under sensor. Dryer automatically shuts off after user removes hands from sensor zone.

Accessory Specialties

AMERICAN DISPENSER

Desert Ray Products

MITROUS INC.



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|                  |             |
|------------------|-------------|
| <b>MODEL No:</b> | <b>0197</b> |
| ISSUED:          | 2-08        |
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**SURFACE MOUNTED HIGH-SPEED HAND DRYER (PAGE 2 OF 2)**

**COLOR OPTIONS\***

Unit is supplied with white finish unless color option is specified. Specify optional covers Bright or Satin Stainless Steel by adding appropriate code number suffix to standard model number.

| COLOR CODE | COVER COLOR            |
|------------|------------------------|
| -92        | Bright Stainless Steel |
| -93        | Satin Stainless Steel  |

**RATINGS**

| MODEL  | TYPE | AIR VELOCITY              | TIMING SAFETY                      | VOLTS AC FREQUENCY Hz   | AMPS        | WATTS x1000 | COLOR  |
|--------|------|---------------------------|------------------------------------|-------------------------|-------------|-------------|--------|
| 0197-1 | Hand | 156-224 mph<br>70-100 m/s | Automatic<br>60 second<br>Shut-Off | 110 V-120 V<br>50/60 Hz | 14.6<br>Max | 1.3-1.6     | White* |
| 0197-2 |      | 156-224 mph<br>70-100 m/s |                                    | 220 V-240 V<br>50/60 Hz | 7.3<br>Max  | 1.3-1.6     |        |

| MOTOR                               | H/P | RPM x1000 | FAN TYPE                   | HEATING ELEMENT  | CFM m <sup>3</sup> /h | AIR OUTPUT TEMPERATURE   |
|-------------------------------------|-----|-----------|----------------------------|--|-----------------------|--|
| Brush Type<br>Dual Ball<br>Bearings | 1   | 7-18      | Multi-Inlet<br>Centrifugal | 400-900 Watt Nichrome<br>wire with auto reset circuit<br>breaker | 68<br>116             | 140° F ± 5 @ 77° F<br>(60° C ± 2.4 @ 25° C)<br>Ambient room temp |

| NET WT                | SHIP WT            | DRYING TIME             | SENSING RANGE   | SAFETY                  | WATER PROTECTION   |
|-----------------------|--------------------|-------------------------|---|-------------------------|--------------------|
| 12.8<br>Lbs<br>5.8 kg | 13.7 Lbs<br>6.2 kg | Less Than<br>12 seconds | 5-1/8"-13-51/64" [130-<br>350] ADJUSTABLE<br>Standard = 7" ± 25/32"<br>[178 ± 20] | C-UL-US®,<br>CE, TÜV-GS | Drip Proof<br>IP23 |

| SENSOR TYPE  | DRYING PERSISTENCE                                 | MOTOR THERMAL PROTECTION   | HEATER THERMAL PROTECTION  | SOUND PRESSURE                                 |
|--------------|--|--|--|--|
| IR<br>780 nm | Automatic<br>≤ 2 second Hold-<br>On Shut-Off delay | Shut off @ > 275 °F<br>{> 135 °C}<br>Reset on @ < 212 °F<br>{< 100 °C} | Shut off @ > 185 °F<br>{> 85 °C}<br>Reset on @ < 167 °F<br>{< 75 °C} | 71.1-74.4 dB-A<br>@ 1m<br>65.4-69 dB-A<br>@ 2m |