



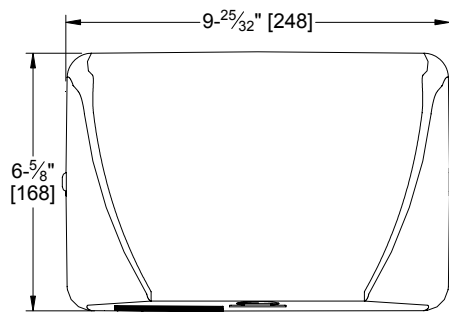
AMERICAN SPECIALTIES, INC.
441 Saw Mill River Road, NY 10701
(914) 476.9000 • (914) 476.0688
www.americanspecialties.com

MODEL №: 0198

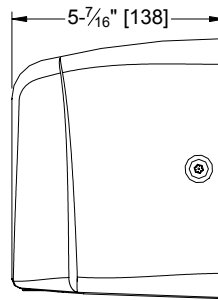
ISSUED: 08/10

REVISED:

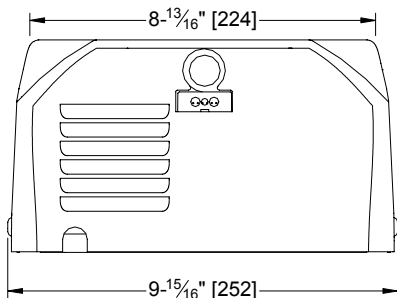
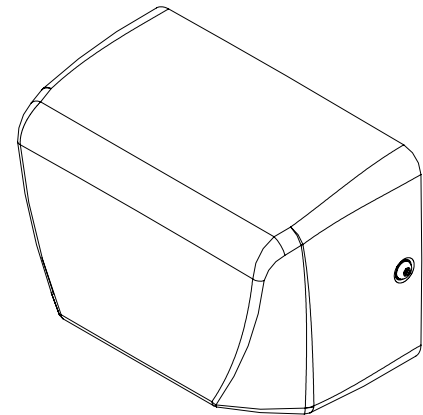
SURFACE MOUNTED HIGH-SPEED DRYER (1 of 2)



FRONT VIEW



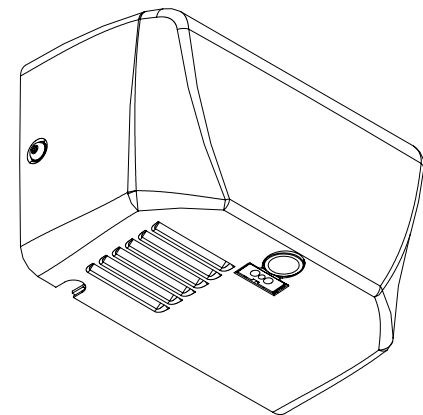
SIDE VIEW



BOTTOM VIEW

NOTE:
ALL DIMS
INCH [MM]

SECURITY
COVER
SCREWS



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 60 CFM (102 m³/h) of heated air and shall provide drying time of less than 15 seconds. Cover shall be fabricated of heavy-duty, one piece formed stainless steel 3/64" (1.2) thick finished on all exposed surfaces as satin or bright polished (by option specified) or heavy-duty, one piece formed steel 3/64" (1.2) 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. Dryer unit shall have C-UL-US® and CE 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 № 0198-1 (or 0198-2) of American Specialties, Inc., 441 Saw Mill River Road, Yonkers, NY 10701-4913

INSTALLATION

Surface mount unit on wall with four (4) 1/4" washers and screws or bolts (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) opened with security wrench (supplied). For compliance with ICC/ANSI A-117.1-2003 and ADA Accessibility Guidelines 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. Mounting Template is supplied with unit.

Accessory Specialties

AMERICAN DISPENSER

Desert Ray Products

WATROUS, INC.

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REVISED:

SURFACE MOUNTED HIGH-SPEED DRYER (2 of 2)

OPERATION

Activate dryer by placing hands under sensor. Dryer automatically shuts off after user removes hands from sensor zone. Complete Owner's Manual is supplied with unit.

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 (e.g. 0198-1-92, 0198-1-93).

RATINGS

| MODEL | TYPE | AIR Velocity | TIMING SAFETY | VOLTS AC FREQUENCY Hertz | AMPS | WATTS x1000 | COLOR |
|--------|------|-------------------|------------------------------------|-----------------------------|-------------|----------------|--------|
| 0198-1 | Hand | 201 mph 90 m/s | Automatic 60 second Shut-Off | 110 V-120 V 50/60 Hz | 10.4 Max | 0.84-1.0 | White* |
| 0198-2 | | 201 mph 90 m/s | | 220 V-240 V 50/60 Hz | 5.2 Max | | |

| MOTOR | H/P | RPM x1000 | FAN TYPE | HEATING ELEMENT | CFM m ³ /h | AIR OUTPUT TEMPERATURE |
|-------------------------------------|------|--------------|----------------------------|--|--------------------------|--|
| Brush Type Dual Ball Bearings | 0.67 | 29 | Multi-Inlet Centrifugal | 500 Watt Nichrome wire with auto reset circuit breaker | 60 102 | 131° F ± 5 @ 77° F (55° C ± 2.4 @ 25° C) Ambient room temp |

| Net Wt | Ship Wt | DRYING TIME | SENSING RANGE | SAFETY | Water Protection |
|-------------------|-------------------|-------------------------|--|--------------|--------------------|
| 8.4 Lbs 3.8 kg | 9.2 Lbs 4.2 kg | Less Than 15 seconds | 5-1/8"-10" (130-254) ADJUSTABLE Standard = 7" ± 25/32" (178 ± 20) | C-UL-US®, CE | Drip Proof IP23 |

| SENSOR TYPE | DRYING PERSISTENCE | MOTOR THERMAL PROTECTION | HEATER THERMAL PROTECTION | SOUND PRESSURE |
|--------------------------------|---|---|--|------------------------------|
| IR 780 nm Self-adjusting | Automatic ≤ 2 second Hold-On Shut-Off delay | Shut off @ > 275 °F {> 135 °C} Reset on @ < 203 °F {< 95 °C} | Shut off @ > 185 °F {> 85 °C} Reset on @ < 167 °F {< 75 °C} | 69.1 dB-A Maximum @ 2M |

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