SECTION 10 28 00

ELECTRIC HAND DRYERS

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\*\* NOTE TO SPECIFIER \*\* American Specialties, Inc.; Electric hand dryers.
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This section is based on the products of American Specialties, Inc., which is located at:
441 Saw Mill River Rd.
Yonkers, NY 10701
Tel: 914-476-9000
Fax: 914-476-0688
Email: [request info (info@americanspecialties.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=American+Specialties,+Inc.&coid=30448&rep=&fax=914-476-0688&message=RE:%20Spec%20Question%20(10811asi):%20%20&mf=)
Web: <http://www.americanspecialties.com>
 [ [Click Here](http://www.arcat.com/arcatcos/cos30/arc30448.html) ] for additional information.
ASI is a leading manufacturer of a complete line of washroom and hospital accessories, security accessories, modular space and wall systems, public telephone enclosures, directory accommodations and mall kiosks. ASI offers expert counseling on product planning, specifications and barrier-free compliance. Commercial washroom accessories are available in four basic cabinet styles.
Founded in 1961, American Specialties, Inc. (ASI) is the world's largest manufacturer of commercial and healthcare washroom accessories, modular space wall systems, public telephone enclosures, directory accommodations and security accessories. ASI's team of quality-committed individuals operate out of seven North American facilities, and are supported by hundreds of representatives strategically located all around the world. Architects, designers, building owners, facility managers and construction professionals have come to rely on ASI as a full-range supplier of high-quality products that are appropriately priced, easy to install, even easier to use, and exceptionally durable.

1. GENERAL
	1. SECTION INCLUDES
		1. Electric hand dryers.
	2. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 04 27 23 - Cavity Wall Unit Masonry.
		2. Section 09 21 16.33 - Gypsum Board Area Separation Wall Assemblies.
		3. Section 09 30 00 - Tiling.
		4. Section 10 28 13.13 - Commercial Toilet Accessories.
		5. Section 26 05 00 - Common Work Results for Electrical.
	1. REFERENCES

\*\* NOTE TO SPECIFIER \*\* Delete references from the list below that are not actually required by the text of the edited section.

* + 1. Americans with Disabilities Act (ADA): Americans with Disabilities Act Accessibility Guidelines.
		2. American National Standards Institute (ANSI) A117: Specifications for Making Buildings and Facilities Accessible to and Usable by Physically Handicapped People.
		3. Fair Housing Amendments Act of 1988: Accessibility Guidelines, Federal Register Volume 56, Number 44.
		4. International Building Code (IBC): Chapter11, Accessibility.
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. Product Data: Manufacturer's data sheets on each product to be used, including:
			1. Preparation instructions and recommendations.
			2. Storage and handling requirements and recommendations.
			3. Installation methods.
		3. Shop Drawings:
			1. Plans: Locate each specified unit in plan with room identification and layout.
			2. Elevations: Indicate mounting height of each product.
			3. Details: Indicate anchoring and fastening details, required locations and types of anchors and reinforcement, and materials required for installation.

\*\* NOTE TO SPECIFIER \*\* Delete selection samples if colors have already been selected.

* + 1. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
		2. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.

\*\* NOTE TO SPECIFIER \*\* Delete requirements not required. Coordinate project requirements with section product attributes and submittals.

* + 1. LEED EBOM (Existing Building Operations) Requirements: Provide products required by this section with attributes that contribute to the project sustainability goals:
			1. MR Credits 1.1 - 1.3 - Sustainable Purchasing: Ongoing Consumables.
			2. MR Credits 7.1 - 7.2 - Solid Waste Management: Ongoing Consumables.
	1. DELIVERY, STORAGE, AND HANDLING
		1. Ship products in manufacturer's standard protective packaging with removable protective coating on exposed surfaces.
		2. Storage and Protection: Store products in manufacturer's protective packaging in a dry, climate controlled environment until installation.
		3. Store and dispose of solvent-based materials, and materials used with solvent-based materials, in accordance with requirements of local authorities having jurisdiction.
	2. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.
	3. WARRANTY

\*\* NOTE TO SPECIFIER \*\* High speed hand dryer models 0197, 20199 and 0198 have 5-year warranty periods. Delete if not required.

* + 1. 5 Year Warranty: Component parts of hand dryers shall be warranted to be free of defects in material and workmanship for a period of 5 years, except brushes which are warranted for 3 years.
		2. 10 Year Warranty: Component parts of hand dryers shall be warranted to be free of defects in material and workmanship for a period of 10 years, except brushes which are warranted for 3 years.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: American Specialties, Inc., which is located at: 441 Saw Mill River Rd.; Yonkers, NY 10701; Tel: 914-476-9000; Fax: 914-476-0688; Email: [request info (info@americanspecialties.com)](http://admin.arcat.com/users.pl?action=UserEmail&company=American+Specialties,+Inc.&coid=30448&rep=&fax=914-476-0688&message=RE:%20Spec%20Question%20(10811asi):%20%20&mf=); Web: <http://www.americanspecialties.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer types not required.

* 1. ELECTRIC HAND DRYERS
		1. Electric Hand Dryers: Surface mounted 4 in (102 mm) deep ADA dryers, Quick Drying - Under 30 Seconds, No Touch - Energy Efficient Operation, Universal Voltage - Automatically Adjusts, Decibel Level 64 dB-A at 2M.
			1. Product: 0165 PROFILE COMPACT DRYER by ASI; cast aluminum cover 7/64 in (2.8 mm) thick.
			2. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			3. Ov Dim: ADA compliant, 11-3/8 in x 11-7/32 in x 3-7/8 in (289 x 285 x 99 mm).
			4. Motor: 1/4 HP - 7500 RPM - Brush Type, Voltage: 100-240 - 50/60 Hz, 1.4 - 1.8 kW. Air Output: 180 CFM - Temp: 140 deg F (60 deg C). Heater: 1488 Watts. Current: 14.4 Amps at 115 VAC.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete color not required.

* + - 1. Color: White epoxy enamel on cast aluminum cover.
			2. Color-40: Cool Grey epoxy enamel on cast aluminum cover.
		1. Electric Hand Dryers: Recessed Combo Three-in-One Paper Towel Dispenser with Waste Receptacle and Automatic Electric Hand Dryer. Unit shall hold and dispense 500 standard multi-fold or 400 standard C-fold paper towels and shall have a waste capacity of 6.8 gal (26 L). Quick Drying - Less than 15 Seconds, No Touch - Energy Efficient Operation, 110/120 Voltage.
			1. Product: 64672-1 THREE-IN-ONE UNIT RECESSED COMBINATION PAPER TOWEL DISPENSER, AUTOMATIC HAND DRYER AND WASTE RECEPTACLE (0199 dryer) by ASI; satin finish.
			2. Compliance: Approved, listed by Underwriters Laboratories, Inc (C-UL-US).
			3. Overall Dim: ADA compliant, 15-3/8 in x 55-3/8 in x 7-1/2 in (391 mm x 1407 mm x 191 mm).
			4. Motor: 0.67 HP - 29,000 RPM - Brush Type, Voltage: 110-120 - 50/60 Hz.
			5. Air Output: 60 CFM - Temp: 131 deg F (55 deg C). Heater: 1000 Watts. Current: 8.33 Amps at 110 VAC.
			6. Hand Dryer Color: White epoxy enamel on cast aluminum cover.
		2. Electric Hand Dryers: Surface mounted 4 in (102 mm) deep ADA dryers, Quick Drying - Under 25 Seconds, No Touch - Energy Efficient Operation, Universal Voltage - Automatically Adjusts to Voltages, Modern Design and Durable, Decibel Level 63 dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 0184 PROFILE STEEL COVER WITH PORCELAIN ENAMEL by ASI.
			2. Product: 0184 PROFILE STAINLESS STEEL COVER WITH MECHANICAL by ASI.
			3. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			4. Overall Dim: ADA compliant, 14-7/16 in x 10-13/16 in x 3-15/16 in (367 mm x 275 mm x 100 mm).
			5. Motor: 1/4 HP - 7500 RPM - Brush Type. Voltage: 277 VAC - 50/60 Hz. Air Output: 185 CFM - Temp: 149 deg F (65 deg C). Heater: 2020 Watts. Current: 7.9 Amps.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete color/finishes not required.

* + - 1. Color: White porcelain enamel on steel cover.
			2. Color-40: Grey porcelain enamel on steel cover.
			3. Color-41: Black porcelain enamel on steel cover.
			4. Color-71: Almond porcelain enamel on steel cover.
			5. Finish-92: Bright finish on stainless steel cover.
			6. Finish-93: Satin finish on stainless steel cover.
		1. Electric Hand Dryers: Quick Drying - 20-25 Seconds, No Touch - Energy Efficient Operation, Dries Both Hands and Face, Decibel Level 60 dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 0141 PORCELAIR HAND DRYER by ASI (110-120 VAC 15 Amps).
			2. Product: 0144 PORCELAIR HAND DRYER by ASI (208-240 VAC 7.7-8.9 Amps).
			3. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			4. Overall Dim: 9-7/16 in x 9-41/64 in x 6-3/8 in (162 mm x 245 mm x 200 mm).
			5. Electrical Specifications: Motor: 1/8 HP-3150 RPM - Brushless. Air Output: 142.4 CFM-Temp 127 deg F (53 deg C). Heater: 1704 Watts at 120 VAC. Current: 15 Amps at 120 VAC.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete color not required.

* + - 1. Color: White epoxy enamel on cast aluminum cover.
			2. Color-40: Grey epoxy enamel on cast aluminum cover.
			3. Color-41: Black epoxy enamel on cast aluminum cover.
			4. Color-71: Almond epoxy enamel on cast aluminum cover.
		1. Electric Hand Dryers: Quick drying, < 15 seconds, and operates automatically using infrared sensor with auto-resetting thermostat. Owner-adjustable air speed & temperature and on/off heating options. Dryer automatically shuts off after time-out when user removes hands from sensor zone. ADA compliant. Optional voltages available.
			1. Product: 0134 TURBO-TUFF by ASI.
			2. Unit Size: 12-19/32 inches x 15-3/4 inches x 4-1/16 inches (320 x 400 x 103 mm).
			3. Wall Opening: 12-5/16 inches x 15-3/16 inches x 3-7/8 inches (313 x 386 x 98 mm).
		2. Electric Hand Dryers: Surface mounted 4 in (102 mm) deep ADA dryers. Quick drying - less than 15 seconds, Operates automatically using IR sensor, Auto-resetting thermostat, 60-second automatic shut off, Decibel Level Min: 68dB-A at 2M Max: 73.8dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 0196-1 TURBO-PRO SURFACE-MOUNTED HIGH-SPEED ADA HAND DRYER by ASI. 120 VAC, 50/60 Hz. 1.0 kW.
			2. Product: 0196-2 TURBO-DRI SURFACE-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 240 VAC, 50/60 Hz. 1.0 kW.
			3. Product: 0196-3 TURBO-DRI SURFACE-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 277 VAC, 60 Hz. 1.0 kW.
			4. Compliance: Approved, listed by Underwriters Laboratories, Inc (C-UL-US) CE, TUV.

\*\* NOTE TO SPECIFIER \*\* Delete surface mounting dimensions if not required.

* + - 1. Overall Dim: 13-37/64 in H x 8-5/8 in W x 3-31/32 in D (345 mm x 219 mm x 101 mm).
			2. Motor: 0.67 HP, 16k-29k rpm, adjustable, brush type, dual ball bearings. Output: 55-72 CFM - Temp: 131 deg F (55 deg C). Heater: 325-500 Watts. Current: 8.33 Amps at 120 VAC; 4.17 AMPS at 240 VAC or 277 VAC. Dry Time: Under 15 Seconds.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete finish not required.

* + - 1. Finish-00: White porcelain enamel on formed steel cover.
			2. Finish-41: Matte Black on formed steel cover.
			3. Finish-93: Satin finish on stainless steel cover.
		1. Electric Hand Dryers: Quick drying - less than 12 seconds, Operates automatically using IR sensor, Auto-resetting thermostat, 60-second automatic shut off, Decibel Level Min: 59dB-A at 2M Max: 72dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 0197-1 TURBO-DRI SURFACE-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 120 VAC, 50/60 Hz. 1.6 kW.
			2. Product: 0197-2 TURBO-DRI SURFACE-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 240 VAC, 50/60 Hz. 1.6 kW.
			3. Product: 0197-1 (0119) TURBO-DRI SEMI-RECESSED-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 120 VAC, 50/60 Hz. 1.6 kW.
			4. Product: 0197-2 (0119) TURBO-DRI SEMI-RECESSED-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 240 VAC, 50/60 Hz. 1.6 kW.
			5. Compliance: Approved, listed by Underwriters Laboratories, Inc (C-UL-US) CE, TuV.

\*\* NOTE TO SPECIFIER \*\* Delete surface mounting dimensions if not required.

* + - 1. Overall Dim: 11-9/16 in H x 8-1/16 in W x 7-5/64 in D (287 mm x 205 mm x 180 mm).

\*\* NOTE TO SPECIFIER \*\* Delete semi-recessed mounting box if not required.

* + - 1. Overall Dim: Semi-Recessing mounting box reduces projection of TurboDri dryer (surface mount) to less than 4 in (102 mm) from wall face for ADAAG and CalDAG Barrier Free Compliance. Cover fabricated with finish to match dryer finish; 17 in H x 12 in W x 3-1/4 in D (432 mm x 305 mm x 83 mm).
			2. Motor: 1 HP, 7k-18k rpm, adjustable, brush type, dual ball bearings. Voltage: 120 VAC, 50/60 Hz; 240 VAC, 50/60 Hz. 1.6 kW. Air Output: 68 CFM - Temp: 140 deg F (60 deg C). Heater: 400 - 900 Watts. Current: 14.6 Amps at 120 VAC; 7.3 AMPS at 240 VAC. Dry Time: Under 12 Seconds.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete finish not required.

* + - 1. Finish: White porcelain enamel on formed steel cover.
			2. Finish-92: Bright finish on stainless steel cover.
			3. Finish-93: Satin finish on stainless steel cover.
		1. Electric Hand Dryers: Quick drying - less than 15 seconds, Operates automatically using IR sensor, Auto-resetting thermostat, 60-second auto shut off, Decibel Level 69 dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 0198-1 TURBO-DRI JR. SURFACE-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 120 VAC, 50/60 Hz. 1.0 kW.
			2. Product: 0198-2 TURBO-DRI JR. SURFACE-MOUNTED HIGH-SPEED AUTOMATIC HAND DRYER by ASI. 240 VAC, 50/60 Hz. 1.0 kW.
			3. Cover: One piece formed steel cover 0.047 in (1.2 mm) thick.
			4. Compliance: Approved, listed by Underwriters Laboratories, Inc (C-UL-US) CE, TuV.
			5. Overall Dim: 6-5/8 in H x 9-25/32 in W x 5-13/32 in D (168 mm x 248 mm x 137 mm).
			6. Motor: 0.67 HP, 29k rpm, adjustable, brush type, dual ball bearings. Air Output: 60 CFM - Temp: 131 deg F (55 deg C). Heater: 500 Watts. Current: 8.3 Amps at 120 VAC; 4.2 AMPS at 240 VAC. Dry Time: Under 15 Seconds.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete finish not required.

* + - 1. Finish: White porcelain enamel on formed steel cover.
			2. Finish-92: Bright finish on stainless steel cover.
			3. Finish-93: Satin finish on stainless steel cover.
		1. Electric Hand Dryers: Surface mounted 4 in (102 mm) deep ADA dryers, Quick Drying - Under 25 Seconds, No Touch - Energy Efficient Operation, Universal Voltage - Automatically Adjusts to Voltages, Modern Design and Durable, Decibel Level 63 dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 0185 ROVAL STEEL COVER WITH PORCELAIN ENAMEL by ASI.
			2. Product: 0185 ROVAL STAINLESS COVER WITH MECHANICAL FINISH by ASI.
			3. Product: 0195 ROVAL CAST-IRON COVER WITH PORCELAIN ENAMEL by ASI.
			4. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			5. Overall Dim: ADA compliant, 11-1/4 in x 15 in x 4 in (290 mm x 385 mm x 100 mm).
			6. Motor: 1/4 HP - 7500 RPM - Brush Type. Voltage: 100-240 - 50/60 Hz. Air Output: 186 CFM - Temp: 149 deg F (65 deg C). Heater: 1857 Watts at 115 VAC. Current: 17.6 Amps at 115 VAC.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete color/finishes not required.

* + - 1. Color: White porcelain enamel finish on steel cover.
			2. Color-40: Grey porcelain enamel finish on steel cover.
			3. Color-41: Black porcelain enamel finish on steel cover.
			4. Color-71: Almond porcelain enamel finish on steel cover.
			5. Finish-92: Bright finish on stainless steel cover.
			6. Finish-93: Satin finish on stainless steel cover.
		1. Electric Hand Dryers: Surface mounted 4 in (102 mm) deep ADA dryers, Quick Drying - Under 15 Seconds, No Touch - Energy Efficient Operation, Universal Voltage - Automatically Adjusts to Voltages, Modern Design and Durable, Decibel Level 66 dB-A at 2M.
			1. Product: 0199-\*-\* as manufactured by ASI.
			2. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			3. Overall Dimension: ADA compliant, 11-1/4 in x 15 in x 4 in (290 mm x 385 mm x 100 mm).
			4. Motor: 0.67 HP - 16K to 29 K adjustable RPM - Brush Type.

\*\* NOTE TO SPECIFIER \*\* Delete voltage not required.

* + - 1. Voltage (-1): 110-120 - 50/60 Hz. 10.4 amps.
			2. Voltage (-2): 208-240 - 50/60 Hz. 5.2 amps.
			3. Voltage (-3): 277 - 50/60 Hz. 5.2 amps.
			4. Air Output: 150 to 230 ft/second (45.4 to 70 m/second) adjustable - Temp: 131 deg F (55 deg C) at 77 degrees F (25 degrees C) ambient.

\*\* NOTE TO SPECIFIER \*\* White is standard if no color is indicated. Delete color/finishes not required.

* + - 1. Finish: White porcelain enamel finish on steel cover.
			2. Finish-92: Bright finish on stainless steel cover.
			3. Finish-93: Satin finish on stainless steel cover.
		1. Electric Hand Dryers: Recess mounted 1-1/4 in (32 mm) projection ADA dryers, Quick Drying - Under 15 Seconds, No Touch - Energy Efficient Operation, Modern Design and Durable, Decibel Level 69 dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 20199 ROVAL STAINLESS COVER W/SATIN BRUSHED FINISH by ASI.
			2. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			3. Overall Dim: ADA compliant, 11 in x 15-1/2 in x 1-1/4 in projection (279 mm x 394 mm x 32 mm).
			4. Motor: 0.67 HP - 2900 RPM - Brush Type. Voltage: 110-240VAC - 50/60 Hz., 1.0 kW. Current: 8.3 Amps at 120VAC; 4.2 Amps at 240 VAC. Air Output: 60 CFM (102 cu. m/h) - Temp: 131 deg F (55 deg C). Heater: 500 Watts. Finish: Satin finish on stainless steel cover.
		1. Electric Hand Dryers: Surface mounted ADA dryers, Quick Drying - Under 15 Seconds, No Touch - Energy Efficient Operation, Modern Design and Durable, Decibel Level 67 to 69.8 dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 20200 ROVAL TRI-Umph ABS PLASTIC WITH ANTI-MICROBIAL AGENT by ASI.

\*\* NOTE TO SPECIFIER \*\* Delete models not required.

* + - * 1. Model 20200-1: 110-120 volts, 50/60 Hz, 10.0 Amps, 1200 watts.
				2. Model 20200-2: 208-240 volts, 50/60 Hz, 5.0 Amps, 1200 watts.
				3. Model 20200-3: 277 volts, 50/60 Hz, 5.0 Amps, 1200 watts.
			1. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			2. Overall Dim: ADA compliant, 12-11/16 in x 22-1/16 in x 7-11/16 in projection (322 mm x 560 mm x 195 mm).
			3. Motor: Brush type dual ball bearings.
			4. Air Flow: 55-76 CMF (89-124 cubic meters) per hour.
		1. Electric Hand Dryers: Fully recessed ADA-compliant hand dryer. Quick Drying - Under 25 Seconds, No Touch - Energy Efficient Operation, Universal Voltage - Automatically Adjusts to Voltages, Modern Design and Durable, Decibel Level 63 dB-A at 2M.

\*\* NOTE TO SPECIFIER \*\* Delete hand dryer not required.

* + - 1. Product: 0133 SIMPLICITY SERIES RECESSED MOUNTED HAND DRYER by ASI.
			2. Compliance: Approved, listed by Underwriters Laboratories, Inc.
			3. Overall Dim: ADA compliant, 14-27/32 in x 16-25/32 in x 4-1/4 in (426 mm x 377 mm x 108 mm).
			4. Motor: 1/4 HP - 7500 RPM - Brush Type. Voltage: 115-240 - 50/60 Hz, 1.7-2.2 kW. Air Output: 185 CFM - Temp: 149 deg F (65 deg C). Heater: 1857 Watts. Current: 17.6 Amps at 115 VAC.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions.
		2. For masonry walls use expansion bolts or anchors for 1/4 inch (6mm) screws.
		3. Electrical service is supplied and connected (by others) prior to installing cover. Cover is secured to back plate with two hex socket security screws (supplied).
		4. For compliance with ADA Accessibility Guidelines, unit shall be installed so that bottom edge of dryer is 54 inches (1372mm) maximum above finished floor (AFF) if clear floor side reach access is provided or 48 inches (1219mm) maximum AFF if clear floor forward reach access is only provided.
		5. For general utility install unit so that bottom edge of dryer is 45 inches to 50 inches (1143 mm to 1270 mm) AFF. For two or more dryers, dryers shall be no closer than 24 inches (610 mm) on center.
	4. PROTECTION
		1. Protect installed products until completion of project.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION