General Description

- Sensor operated warm air hand dryer with rotating nozzle.
- Long durability and complete reliability, with anti-vandalism features and designed to be installed in high traffic facilities such as airports, large hotels, sport centers, large recreational areas and large official organizations, among others.
- Maximum robustness and power.
- Easy maintenance, low noise levels and a high level of user safety.
- 1/16” (1.5 mm) thick steel cover or a 15/64” (6 mm) thick cast iron cover, these hand dryers are available in 5 different finishes (white enameled coating, bright, satin, gold plated & white porcelain enameled).

Components & Materials

- **E88A-UL**: 1/16” (1.5 mm) thick steel cover, white enameled coating finish.
- **E88AC-UL**: 1/16” (1.5 mm) thick steel cover, bright finish.
- **E88ACS-UL**: 1/16” (1.5 mm) thick steel cover, satin finish.
- **E88AO-UL**: 1/16” (1.5 mm) thick steel cover, gold plated finish.
- **E85A-UL**: 15/64” (6 mm) thick cast iron cover, white porcelain enameled.
- **COVER**: one-piece steel/cast iron cover fixed to the base by means of 2 vandal-proof lock screws and lock with special Saniflow ® wrench.
- **BASE PLATE**: made in aluminum, 1/8” (3 mm) thick, with 4 Ø 5/16” (8 mm) holes for wall mounting.
- **FAN SCROLL**: fire resistant plastic UL 94-VO fan scroll.
- **MOTOR**: universal brush motor, 5,800 rpm, class A, which includes a safety thermal cut-off.
- **SENSOR**: electronic detection sensor by infrared beams.
- **FAN WHEEL**: aluminum centrifugal double symmetrical inlet fan wheel.
- **HEATING ELEMENT**: waved wire NiCr heating element on a mica frame that incorporates a thermal cut-off.
- **NOZZLE**: 360º nozzle in chrome plated Zamak.
- **SILENT BLOCKS**: 4 to eliminate vibrations.

Technical Specifications

- **Voltage - 110-120V**
- **Total power - 1,850 W**
- **Frequency - 60 Hz**
- **Motor Power - 250 W**
- **Electrical Isolation - Class I**
- **Heating element power: 1,600 W**
- **Dimensions -**
  - 11”Wx9 3/4”Hx8 3/8”D
  - 11 1/8”Wxx10”Hx8 1/2”D
- **Weight - 13 Lbs** / 25 Lbs
- **r.p.m. - 5,800**
- **Effective airflow - 149 CFM**
- **Air temperature (4” distance/70 °F) 127 °F (43 °C)**
- **Air velocity - 62 mph (5,468 LFM)**
- **Drying time - 29 sec.**
- **Protection rating - IP23**
- **Sound pressure - 68 dBA**

Please mark the selected item

- **code**
  - **E88A-UL**
  - material
  - steel
  - finish
  - white enameled

- **code**
  - **E88AC-UL**
  - material
  - steel
  - finish
  - bright

- **code**
  - **E88ACS-UL**
  - material
  - steel
  - finish
  - satin

- **code**
  - **E88AO-UL**
  - material
  - steel
  - finish
  - gold plated

- **code**
  - **E85A-UL**
  - material
  - cast iron
  - finish
  - white porcelain enameled

Operation

Place the hands under the rotating nozzle. The dryer will start automatically, and go on with no interruption as long as the hands are kept in the detection range of the sensor. The appliance will stop 2 seconds after the hands are removed from the airflow.
Installation
Verify all rough-in dimensions prior to installation. Hand dryers require a dedicated circuit and must be properly grounded. A GFCI (Ground fault circuit interrupter) is recommended. One side of dryer should be mounted to a stud.

Certificates & Qualifications
Unit shall be UL and CSA approved, according to UL 499 and CSA C22.2 standards.

Number of dryers to be fitted
- In toilet areas with a normal frequency of use and only one wash-basin: 1 dryer.
- In toilet areas with a normal frequency of use and more than one wash-basin: 1 dryer for each 2-3 wash-basins.
- 1 row of 4 wash basins: 2 dryers; 1 row of 6 wash basins: 3 dryers; 1 row of 8 wash basins: 4 dryers.
- In toilet areas with high traffic and more than one wash-basin: 2 dryers for each 3 wash-basins.
- 1 row of 4 wash basins: 3 dryers; 1 row of 6 wash basins: 4 dryers; 1 row of 8 wash basins: 5 dryers.

Ideal location
Between the wash-basin and exit. It is not recommended to install dryer between wash-basins, next to urinals, lavatories and showers. If installing automatic dryers over marble surface or ledge, the minimum distance from the dryer to the ledge must be 15-3/4”. It is recommended that hand dryers be distributed throughout the washroom area to avoid overcrowding.

Guide Specification
Surface mounted vandal resistant hand dryer shall be fabricated with 15/64” (6 mm) thick cast iron cover, white porcelain enameled or in one-piece 5/64” thick metal sheet cover, white enameled or chromed bright or chromed satin or chromed gold finish. The back base shall be aluminum, 1/8” thick and with 4 holes for wall mounting. Cover shall be equipped with a chrome-plated 360º revolving nozzle for hand and face drying. The dryer shall be activated through an infrared electronic sensor and shall automatically turn off when hands are removed. Motor shall be 1/3 hp, 5,800 rpm., universal type, with a 4A fuse with sealed, self-lubricated ball bearing. The waved wire NiCr heating element should incorporate a thermal limiter which will switch off by a temperature of 176 ºF (80ºC). The fan should be an aluminum centrifugal turbine with double symmetrical inlet, and the fan scroll shall be made of a fire resistant plastic UL 94-V0. Dryer shall deliver 149 CFM of air at 127 ºF (43 ºC) and 5,468 LFM velocity during user controlled drying cycle. The dryer shall have a total power of 1,850 W with a consumption of 16A. Noise level should be 68 dB. Overall dimensions shall be 11"W x 9 3/4"H x 8 3/8" (282 x 255 x 215 mm) Weight: 25 Lbs

Overall dimensions:
E88A-UL / E88AC-UL / E88ACS-UL / E88AO-UL
11"W x 9 3/4"H x 8 3/8" (278 x 248 x 212 mm) Weight: 13 Lbs
E85A-UL
11 1/8"Wx10"Hx8 1/2"D (282 x 255 x 215 mm) Weight: 25 Lbs

Recommended heights from floor

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
<th>Child</th>
<th>Disabled</th>
</tr>
</thead>
<tbody>
<tr>
<td>x To top of machine</td>
<td>56&quot; / 142 cm</td>
<td>54&quot; / 137 cm</td>
<td>46&quot; / 117 cm</td>
<td>48&quot; / 122 cm</td>
</tr>
<tr>
<td>y To mounting bracket screw</td>
<td>55&quot; / 140 cm</td>
<td>53&quot; / 135 cm</td>
<td>45&quot; / 115 cm</td>
<td>47&quot; / 120 cm</td>
</tr>
<tr>
<td>z To sensor top</td>
<td>46&quot; / 117 cm</td>
<td>44&quot; / 112 cm</td>
<td>36&quot; / 92 cm</td>
<td>38&quot; / 97 cm</td>
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Serial mounting

Saniflow Corp reserves the right to make changes and/or modifications to the products and their specifications without warning or notice.