Low voltage and high voltage technical specification

Recommended installation heights from floor

<table>
<thead>
<tr>
<th>Category</th>
<th>X</th>
<th>Y</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>58 1/8 in (1489 mm)</td>
<td>57 1/8 in (1451 mm)</td>
<td>32 1/8 in (832 mm)</td>
</tr>
<tr>
<td>Female</td>
<td>57 1/8 in (1454 mm)</td>
<td>55 1/8 in (1416 mm)</td>
<td>31 1/8 in (797 mm)</td>
</tr>
<tr>
<td>Wheelchair user</td>
<td>49 in (1245 mm)</td>
<td>47 1/8 in (1207 mm)</td>
<td>23 1/4 in (588 mm)</td>
</tr>
<tr>
<td>Child 5-8</td>
<td>44 in (1117 mm)</td>
<td>42 1/8 in (1079 mm)</td>
<td>18 1/4 in (460 mm)</td>
</tr>
<tr>
<td>Child 8-11</td>
<td>48 in (1217 mm)</td>
<td>46 1/4 in (1179 mm)</td>
<td>22 in (560 mm)</td>
</tr>
<tr>
<td>Child 11-14</td>
<td>51 in (1294 mm)</td>
<td>49 1/8 in (1256 mm)</td>
<td>25 in (637 mm)</td>
</tr>
</tbody>
</table>

Machine dimensions

Height: 19 5/8 in (500 mm) Width: 17 1/2 in (450 mm) Depth: 4 in (100 mm)

Minimum clearance

8 1/4 in (832 mm) above machine.

Rear cable entry point from floor

<table>
<thead>
<tr>
<th>Category</th>
<th>X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>51 in (1293 mm)</td>
</tr>
<tr>
<td>Female</td>
<td>49 1/2 in (1258 mm)</td>
</tr>
<tr>
<td>Wheelchair user</td>
<td>41 1/4 in (1049 mm)</td>
</tr>
<tr>
<td>Child 5-8</td>
<td>36 1/8 in (921 mm)</td>
</tr>
<tr>
<td>Child 8-11</td>
<td>40 1/8 in (1021 mm)</td>
</tr>
<tr>
<td>Child 11-14</td>
<td>48 1/4 in (1098 mm)</td>
</tr>
</tbody>
</table>

For further information please contact Dyson
888-397-6622
airbladeinfo@dyson.com
www.dyson.com
**Electrical**

- **Input voltage:** Low voltage = 120-127V, High voltage = 200-240V
- **Frequency:** 50 or 60Hz, subject to voltage (85-115V at 50Hz); (85-130V at 60Hz); (200-240V at 50 & 60Hz)
- **Standby power consumption:** Less than 0.5 W
- **Motor specification:** 900 W (MAX) mode / 650 W (ECO) mode digital brushless motor
- **Motor switching rate:** 5,000 per second (MAX mode) / 4,533 per second (ECO mode).
- **Amp:** Dedicated 20 AMP suitable for up to 2 machines 2.95 AMP (ECO Mode) / 4.09 AMP (MAX mode)
- **Heater type:** None

**Construction**

- **Fascia:** Stainless steel – Brushed (304L)
- **Backplate mounting bracket:** Stainless steel
- **Exterior screw type:** Anti-tamper 1/4 in Pin-Hex
- **Water ingress protection to IP24**

**Filter**

- **HEPA filter (Glass fiber and fleece prelayer)**
- Removes 99.97% of particles, including bacteria and viruses

**Operation**

- **Touch free 'time of flight' sensor activation**
- **Hand dry time measurement:** 10 seconds (MAX mode) / 12 seconds (ECO) mode (measurement based on NSF P335 to a measurement of 0.1g residual moisture)
- **Sound power level:** 79 dB(A) (MAX) mode / 77 dB(A) (ECO) mode
- **Operation lock-out period:** 30 seconds
- **Airspeed at aperture:** 624km/h or 388 mph (High voltage Max mode); 569 km/h or 354 mph (High voltage Eco mode); 624 km/h or 388 mph (Low voltage Max mode); 543 km/h or 337 mph (Low voltage Eco mode)
- **Maximum altitude:** 3,000 meters / 9,842 ft
- **Operating temperature range:** 32°F–104°F / 0°C–40°C

**Logistics**

- **Single unit order code:** Low voltage: 282997-01, High voltage: 314696-01
- **Unit barcode:**
  - Low voltage: 885609017693, High voltage: 885609017686
- **Net weight:** 9.9 lbs / 4.5 kg
- **Packaged weight:** 16.8 lbs / 7.6 kg
- **Packaged dimensions:**
  - (H) 5.1 in x (W) 20.5 in x (D) 24.3 in / (H) 129 x (W) 520 x (D) 616 mm

**Standard warranty**

- 5 year parts and 5 year limited labor warranty

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**Dyson backplate**

Where only unsupported plasterboard is available for installation, a Dyson backplate must be used. The Dyson backplate helps protect the wall from water damage and can be used to cover holes/marks left from previously installed products – including the Dyson Airblade dB hand dryer. Contact the Dyson Helpline or www.dyson.com for further information.

**WELL Building Standard™**

Dyson Airblade™ hand dryers contribute towards satisfying Feature W08 under the WELL Building Standard™

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