Technical Specification

Electrical
- Input voltage: Low voltage = 100–120V, High voltage = 200–240V
- Frequency: 100–115V at 50/60Hz, >115–120V at 60Hz, 200–240V at 50/60Hz
- Motor specification: 1000W, digital V4 brushless motor
- Motor Speed: 81,000 rpm
- Motor Switching rate: 5,400 per second
- Amp: Dedicated hand dryer circuit required. Reference NEC/local electrical code for loading. 9.09A at 110V; 4.54A at 220V
- Heater type: None
- Standby power consumption: Less than 0.5W

Construction
- Tap construction: Stainless steel (brushed)
- Lead free
- Under counter motor bucket: Molded ABS (main unit) also uses polycarbonate and polypropylene
- Exterior screw type: Torx T15
- Water ingress protection rating to IP35
- Net weight: WD04 = 9.37lb / 4.25kg; WD05 = 9.96lb / 4.52kg; WD06 = 18.47lb / 8.38kg

Filter
- Sealed HEPA filter (glass fiber and fleece prelayer)
- Removes bacteria, viruses and 99.97% of particles as small as 0.3 microns.

Operation
- Touch-free infra-red activation
- Hand dry time measurement: 14 seconds*
- Sound power level: Low voltage = 80db(A) for WD04-06, High voltage = 80db(A) for WD06, 81db(A) for WD04-05
- Sound pressure level @ 2m: 66db(A)†
- Operation lock-out period: 30 seconds
- Airspeed at apertures: Low voltage = 331mph (533km/h), High voltage = 341mph (549km/h)
- Maximum altitude: 11,482 feet / 3,500 meters
- Operating temperature range: 32°–104°F / 0°–40°C

Water operation
- Water flow rate: 0.5 gallons/min (1.9 liters/min) low flow fitted aerator, 1.0 gallons/min (3.8 liters/min) with aerator supplied with product, 0.35 gallons/min multi spray laminar aerator available as a service part
- Water temperature control: Thermostatic mixer recommended (not supplied)
- Water pressure required: 14.5–116psi
- Tap power supply: Mains supply
- Equipped with automatic flush – every 24 hours for 60 seconds, after last use.

Logistics
- Unit barcode: Low voltage/WD04: 885609014104, WD05: 885609014111, WD06: 885609014128; High voltage/WD04: 885609014074, WD05: 885609014081, WD06: 885609014098
- Packaged weight: WD04 = 13.36lb / 6.06kg; WD05 = 14.64lb / 6.64kg; WD06 = 27.36lb / 12.41kg
- Packaged dimensions: WD04 = H 11 7/8” (303mm) × W 11 1/8” (284mm) × D 11 1/2” (291mm); WD05 = H 17” (434mm) × W 10 7/8” (275mm) × D 11 3/4” (288mm); WD06 = H 24” (610mm) × W 14 1/4” (375mm) × D 11 3/4” (302mm)
- Pallet quantity: 36 x WD04, 24 x WD05, 15 x WD06

Sink Specification
- The Dyson Airblade Wash+Dry hand dryer is compatible with most sink types. Ensure plugs are not installed in the sinks and avoid inserts with embedded plugs (e.g. ones that swivel or elevate). If you would like assistance choosing a compatible sink or soap dispenser, email design@dyson.com or call 888-397-6622.
- Using a specially designed test method, Dyson engineers evaluated the user experience of a wide range of sink types when used with the Dyson Airblade Wash+Dry hand dryer. For further details on our recommended sinks, please see the pre-installation guide on our website: dyson.com/docs
- We recommend avoiding sinks with the following geometric characteristics: Flat bases immediately surrounding the drain hole, nominally within a 2⅜” (60mm) radius. Sloping back and front wall transitions in relation to the base of the sink. See our pre-installation guide for further details: dyson.com/docs

Sink Dimensions:
- Minimum width of sink: 15’ (380mm), Front to back – Minimum: 13” (330mm)
- Minimum depth of sink: 5” (127mm)
- Maximum depth of sink for WD05 only: 8” (200mm)

Sink Materials: Sinks with highly polished surfaces should be avoided, e.g. reflective chrome. Porcelain or brushed metal is ideal. When multiple taps are installed side-by-side, tap centers should be a minimum of 22 7/8” (580mm) apart.

Standard Warranty
- 5 year parts, 5 year limited labor

Product Range

<table>
<thead>
<tr>
<th>Model</th>
<th>Part number/SKU</th>
<th>Low Voltage</th>
<th>High Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>WD04 Short</td>
<td>247659-01</td>
<td>247908-01</td>
<td>247663-01</td>
</tr>
<tr>
<td>WD05 Tall</td>
<td>247669-01</td>
<td>247915-01</td>
<td></td>
</tr>
<tr>
<td>WD06 Wall</td>
<td>247670-01</td>
<td>247916-01</td>
<td></td>
</tr>
</tbody>
</table>

Accreditations
- Carbon Trust, HACCP International, Quiet Mark
- WD04 Short and WD06 Wall are ADA compliant
- Contributes to LEED certification
- Contributes towards satisfying Feature W08 under the WELL Building Standard™

For more information, please contact Dyson:
1-888-397-6622 | design@dyson.com | www.dyson.com
TECHNICAL SPECIFICATION

Tap dimensions
WD04: Height 6 1/4" (159mm), Width 11 15/16" (303mm), Depth 11 1/4" (286mm)

Motor bucket dimensions
WD04: Height 10 7/16" (266mm), Width 5 9/16" (142mm), Depth 7 7/16" (189mm)

Minimum clearance
4" (100mm) clearance from floor. ADA requires 9" (228mm) toe clearance.
TECHNICAL SPECIFICATION

**Front Elevation**

- Fixing locations (4)
- 1 1/4" (35mm)
- 11 1/4" (286mm)
- 11 15/16" (303mm)
- 2 1/2" (64mm)

**Side Elevation**

- Fixing locations (4)
- 11 1/4" (286mm)
- Distance from the aerator to the end of the tap
- Min 3 2 7/8" (835.5mm) / Max 24 7/8" (631.5mm)

**Tap dimensions**

WD05: Height 12 3/16" (309mm), Width 11 15/16" (303mm), Depth 11 1/4" (286mm)

**Motor bucket dimensions**

WD05: Height 10 7/16" (266mm), Width 5 9/16" (142mm), Depth 7 7/16" (189mm)

**Minimum clearance**

Z 4" (100mm) clearance from floor. ADA requires 9" (228mm) toe clearance.
**TECHNICAL SPECIFICATION**

**SIDE ELEVATION**

- **Fixing locations (4)**
  - 3/16" (5mm) diameter hole

- **Water entry point**

- **Cable entry point**

- Distance from the aerator to the end of the tap

- All dimensions shown in inches (+/- 3/16") and in millimeters (+/- 5mm)

- **WD06**:
  - Length 12 1/4" (312mm), Width 11 15/16" (303mm)

**Motor bucket dimensions**

**WD06**:
- Height 10 7/16" (266mm), Width 5 9/16" (142mm), Depth 7 7/16" (189mm)

**FLOOR**

**Front Elevation**

- **WD06**:
  - Height 10 11/16" (272mm)

- **Distance from the aerator to the end of the tap**

- **WD06**:
  - Height 10 7/16" (266mm), Width 5 9/16" (142mm), Depth 7 7/16" (189mm)

**Minimum clearance**

Suggested installation height 37 3/4" (955mm) from finished floor to center of tap, depending on height of sink. Check installation guide for further details.
WD06 Wall installation

The Dyson Airblade Wash+Dry hand dryer is designed so that the motor unit is located behind the stud wall within a metal enclosure which is supplied with the Dyson Airblade Wash+Dry hand dryer (Fig.1). The vertical wall studs must be constructed so as to allow the metal enclosure to be fitted between them (Fig.2). One of the horizontal wall studs must be fitted a) so it holds the main weight of the metal duct and the unit, and b) so it is in the correct position for the tap stem. For complete instructions, please refer to the printed installation guide supplied with the machine. It’s also available online at: www.dyson.com/docs

Fig.1

Install plasterboard.

Fig.3

Install Dyson Airblade Wash+Dry hand dryer.

Fig.4
Further documents are available to download online at dyson.com/docs:

- Pre-installation guide
- Installation guide
- Dyson Airblade Wash+Dry hand dryer brochure
- Cleaning guide
- CAD drawings