TECHNICAL SPECIFICATION

Front Elevation

Dimensions:
- Height: 6 1/4" (159mm)
- Width: 11 15/16" (303mm)
- Depth: 11 1/4" (286mm)

Motor bucket dimensions:
- 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.

Side Elevation

Dimensions:
- Height: 11 1/4" (286mm)
- Width: 2 1/2" (64mm)
- Depth: 1 3/8" (35mm)

Water entry point:
- Fixing locations (4)

Sink/worktop thickness:
- Max 3 27/8" (835.5mm)
- Min 2 1/4" (57mm)

Rear cable entry point:
- Fixing locations (4)

All dimensions shown in inches (+/- 3/16")

Fixing locations (4)
**TECHNICAL SPECIFICATION**

**Front Elevation**

- Fixing locations (4)
- Water entry point

**Side Elevation**

- Fixing locations (4)
- Water entry point
- Rear cable entry point
- Fixing locations (4)

**Tap dimensions**

WD05: Height 12\(\frac{3}{8}\)" (309mm), Width 11\(\frac{15}{16}\)" (303mm), Depth 11\(\frac{1}{4}\)" (286mm)

**Motor bucket dimensions**

WD05: Height 10\(\frac{7}{16}\)" (266mm), Width 5\(\frac{9}{16}\)" (142mm), Depth 7\(\frac{7}{16}\)" (189mm)

**Minimum clearance**

- Z: 4" (100mm) clearance from floor. ADA requires 9" (228mm) toe clearance.

**Sink/worktop thickness**

- Maximum: 2\(\frac{1}{4}\)" (57mm)
- Minimum: 1\(\frac{1}{4}\)" (3.5mm)

- Max 3\(\frac{2}{8}\)" (835.5mm) / Min 24\(\frac{7}{8}\)" (631.5mm)

- All dimensions shown in inches (+/- 3/16")

**Floor**

- Tall
TECHNICAL SPECIFICATION

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

Motor bucket dimensions
WD06: Height 10 3/4" (272mm), Width 5 11/16" (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
**TECHNICAL SPECIFICATION**

### Electrical
- **Input voltage:** Low Voltage = 100-120V, High Voltage = 200-240V
- **Frequency:** Low Voltage = 50-60Hz, subject to voltage 100-110V at 50-60Hz, 120V at 60Hz; 200-240 at 50-60Hz
- **Motor specification:** 1000W digital brushless motor
- **Motor Speed:** 81,000 rpm
- **Motor Switching rate:** 5,400 per second
- **Motor type:** Dyson digital motor – V4 brushless DC Motor
- **Amp:** Recommended dedicated 15 amp circuit, Low Voltage= 9.56 amps at 110V, High Voltage = 4.54 amps at 220V
- **Operating temperature range:** 0°-40°C, 32°-104°F
- **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

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

### Operation
- **Touch-free infra-red activation**
- **Hand dry time measurement:** 14 seconds*
- **Operation lock-out period:** 30 seconds
- **Airspeed at apertures:** Low Voltage = 331 mph (533 km/h), High Voltage = 341 mph (549 km/h)
- **Maximum altitude:** 11,482 feet / 3,500 meters
- **Rated operating noise power:** Low Voltage = 80 db(A) for WD04-06, High Voltage = 80 db(A) for WD06, 81 db(A) for WD04-05
- **Sound pressure level @ 2m:** 66 db(A)
- **Operation airflow:** Up to 5.5 gallons/sec (21 liters/sec)

### 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
- **Water temperature control:** Thermostatic mixer recommended (not supplied)
- **Water pressure required:** 14.5-116 psi
- **Tap power supply:** Mains supply
- **Equipped with automatic flush – every 24 hours for 60 seconds, after last use.**

### Logistics
- **Net weight:** WD04 = 9.37 lb; WD05 = 9.96 lb; WD06 = 18.47 lb
- **Packaged weight:** WD04 = 13.36 lb; WD05 = 14.64 lb; WD06 = 27.36 lb
- **Packaged dimensions:** WD04 = H 11 7/8" (303mm) × W 11 7/8" (284mm) × D 11 1/16" (288mm); WD05 = H 17" (443mm) × W 10 1/16" (275mm) × D 11 1/16" (288mm); WD06 = H 24" (610mm) × W 14 5/8" (375mm) × D 11 1/4" (302mm)
- **UPC Barcodes:** Low Voltage/WD04: 885609014104, WD05: 885609014111, WD06: 885609014128; High Voltage/WD04: 885609014074, WD05: 885609014081, WD06: 885609014098

### 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).

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 2 5/16" (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:**
- All sink measurements are internal unless stated otherwise.
- 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 warranty.**

### Product range

<table>
<thead>
<tr>
<th>Product Range</th>
<th>Part number/SKU</th>
<th>Low Voltage</th>
<th>High Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>WD04 Short</td>
<td>Low Voltage: 247659-01, High Voltage: 247663-01</td>
<td>WD04: 247908-01</td>
<td>WD05: 247910-01</td>
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<tr>
<td>WD05 Tall</td>
<td>Low Voltage: 247659-01, High Voltage: 247663-01</td>
<td>WD06: 247915-01</td>
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</tr>
<tr>
<td>WD06 Wall</td>
<td>Low Voltage: 247659-01, High Voltage: 247663-01</td>
<td>WD06: 247915-01</td>
<td></td>
</tr>
</tbody>
</table>

### Accreditations
- **Carbon Trust**
- **HACCP International**
- **Quiet Mark**

WD04 Short and WD06 Wall are ADA compliant

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*Dry time determined using Dyson test method 769 based on NSF P335 to a measurement of 0.1g residual moisture.

† Sound pressure measured at 6.56 feet (2 meters) distance, in a semi-anechoic chamber.
Further documents are available online to download:

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

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