**TECHNICAL SPECIFICATION**

**WD04  WD05  WD06**

**FLOOR**

**Tap dimensions**
WD04: Height 6\(\frac{1}{4}\)" (159mm), Width 11\(\frac{15}{16}\)" (303mm), Depth 11\(\frac{1}{4}\)" (286mm)

**Motor bucket dimensions**
WD04: Height 10\(\frac{7}{16}\)" (266mm), Width 5\(\frac{5}{8}\)" (142mm), Depth 7\(\frac{7}{16}\)" (189mm)

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

**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.

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**Front Elevation**

Fixing locations (4)

- Water entry point

**Side Elevation**

- Rear cable entry point
- Fixing locations (4)

**Sink/worktop thickness**

Max 2 7/8" (73mm)
Min 1 1/8" (3.5mm)

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**Dimensions**

- Height: 11 15/16" (303mm)
- Width: 12 3/16" (309mm)
- Depth: 2 1/4" (57mm)
- Max 3 2 7/8" (835.5mm)
- Min 24 7/8" (631.5mm)
- 2" (50.8mm)
- 2 1/16" (52.2mm)
- 1 1/4" (31.5mm)
- 3 1/2" (88.9mm)
**TECHNICAL SPECIFICATION**

**SIDE ELEVATION**

- **Distance from the aerator to the end of the tap**: 2 3/4" (71mm)
- **Water entry point**
- **Cable entry point**

**FRONT ELEVATION**

- **Fixing locations**: 4
- **Water entry point**: 2 3/4" (60mm)
- **Cable entry point**: 1/8" (5mm)

**Tap dimensions**

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)

**Minimum clearance**

Suggested installation height 37 9/16" (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 = 100-110V, High Voltage = 200-240V
Frequency: Low Voltage = 50-60Hz, subject to voltage
(120V at 60Hz; 100-110V at 50Hz), High Voltage = 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 = 9.09 amps at 110V, High Voltage = 6.36 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 poly carbonate and polypropylene
Exterior screw type: Torx T15
Water ingress protection rating to IP35

Filter
Double-life HEPA filter (glass fiber and fleece prelayer)
Capture 99.97% of particles the size of bacteria as small as 0.3 microns from the washroom air.

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: Low Voltage = 2,700 meters (8,858 feet),
High Voltage = 2,300 meters (7,546 feet)
Rated operating noise power: Low Voltage = 80 db(A) for WD04-06,
High Voltage = 81 db(A) for WD06, 80 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 = 9.39 lb; WD05 = 10.01 lb; WD06 = 20.97 lb
Packaged weight: WD04 = 14.90 lb; WD05 = 16.27 lb; WD06 = 30.09 lb
Packaged dimensions: WD04 = H 11 1/4" (303mm) × W 11 1/4" (284mm) × D 11 1/4" (288mm),
WD05 = H 17" (434mm) × W 10 1/4" (275mm) × D 11 1/4" (302mm),
WD06 = H 24" (610mm) × W 14 3/4" (375mm) × D 11 1/2" (302mm)
UPC Barcodes: Low Voltage/ WD04: 885609014104, WD05: 885609014111,
WD06: 885609014128; High Voltage/WD04: 885609014074,
WD05: 885609014081, WD06: 885609014098

Accreditations
Carbon Trust
HACCP International
Quiet Mark
WD04 Short and WD06 Wall are ADA compliant

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,
nominal 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)
(External measurement of vessel sink)
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
WD04 Short
Part number/SKU
Low Voltage: 247659-01
High Voltage: 247908-01

WD05 Tall
Part number/SKU
Low Voltage: 247663-01
High Voltage: 247910-01

WD06 Wall
Part number/SKU
Low Voltage: 247669-01
High Voltage: 247915-01

* 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