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: 81,000rpm
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)
Captures 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
Operation airflow: Up to 5.5 gallons/sec (21 liters/sec)
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: 14.5–116 psi
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 ¼" (303mm) × W 11 ¼" (284mm) × D 11 ¼" (291mm); WD05 = H 17" (434mm) × W 10 ¼" (275mm) × D 11 ¼" (288mm); WD06 = H 24" (610mm) × W 14 ¼" (375mm) × D 11 ¼" (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 2 1/8" (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

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

Accreditations
Carbon Trust, HACCP International
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

Front Elevation

- **Distance from the aerator to the end of the tap**:
  - Max: 3 27/8" (835.5mm)
  - Min: 2 7/8" (631.5mm)

- **Fixing locations**: (4)

- **Water entry point**: Fixing locations (4)

- **Sink/worktop thickness**:
  - Max: 2 1/4" (57mm)
  - Min: 3/16" (3.5mm)

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

- **Fixing locations**: (4)

- **Rear cable entry point**: Fixing locations (4)

- **FLOOR**

**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**

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

**Front Elevation**

- Water entry point
- Fixing locations (4)
- Sink/worktop thickness
  - Max 2 1/4" (57mm)
  - Min 3/16" (3.5mm)

**Side Elevation**

- Distance from the aerator to the end of the tap
- Fixing locations (4)
- Rear cable entry point
- Fixing locations (4)
- Sink/worktop thickness
  - Max 2 1/4" (57mm)
  - Min 3/16" (3.5mm)

**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

FRONT ELEVATION

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

**Motor bucket dimensions**
WD06: Height 10 3/4" (272mm), Width 5 9/16" (142mm), Depth 7 7/16" (189mm)

**Minimum clearance**
Suggested installation height 37 ⅜" (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
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