

dyson airblade wash+dry

TECHNICAL SPECIFICATION

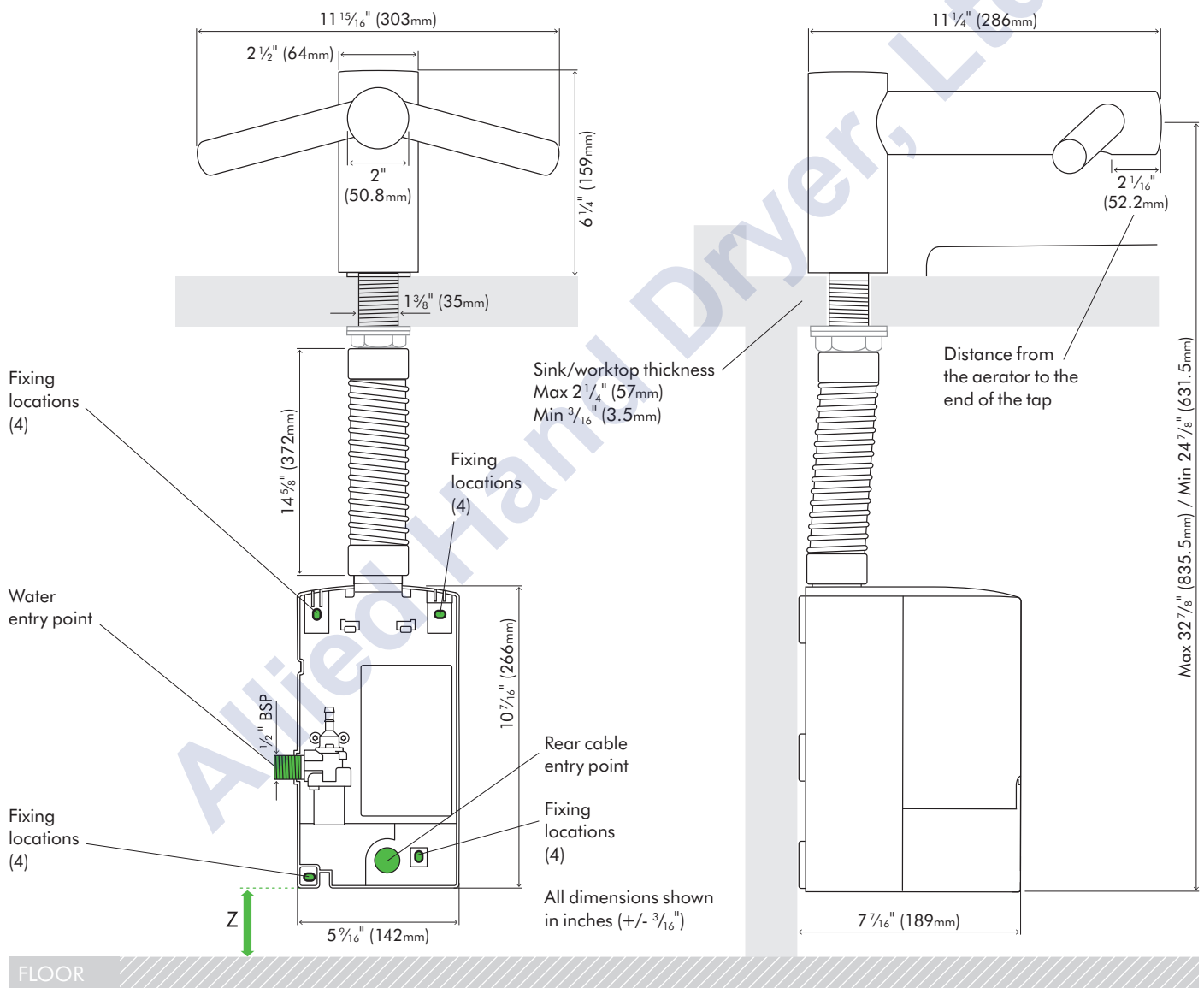
WD
04



Short

FRONT ELEVATION

SIDE ELEVATION



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 $5 \frac{9}{16}$ " (142mm), Depth $7 \frac{7}{16}$ " (189mm)

Minimum clearance

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

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;

High Voltage = 81 db(A) for WD04

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

Packaged weight: WD04 = 13.36 lb

Packaged dimensions: WD04 = H 11-7/8" (303mm) x W 11-1/8" (284mm) x D 11-1/2" (291mm)

UPC Barcodes: Low Voltage / WD04: 885609014104;

High Voltage / WD04: 885609014074

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)

(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



Accreditations

Carbon Trust

HACCP International

Quiet Mark

WD04 Short is ADA compliant

*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.

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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

Allied Hand Dryer, Ltd.



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