LEED FOR INTERIOR DESIGN AND CONSTRUCTION (LEED ID+C) v4
DOCUMENTATION LETTER FOR UNITED STATES OF AMERICA

RE: LEED Documentation of Dyson Airblade Wash + Dry hand dryer WD04/WD05/WD06

September 20, 2018

To Whom it May Concern,

This documentation letter is to be used when pursuing LEED certification with the U.S. Green Building Council (USGBC), when the team chooses LEED v4 ID+C. The information can be utilized on the following project types: LEED ID+C: Commercial Interiors, LEED ID+C: Retail, LEED ID+C: Hospitality.

We are pleased to confirm that the Dyson Airblade Wash + Dry hand dryer can aid in the achievement of the following LEED® credits:

- **WEp2**: Indoor Water Use Reduction
  Applicable to this prerequisite when used in a public lavatory with the 0.5 gallon/minute aerator. Please see Technical Specification for additional water flow rate information.

- **WEc2**: Indoor Water Use Reduction
  Applicable to this credit when used in a public lavatory with the 0.5 gallon/minute aerator. Please see Technical Specification for additional water flow rate information.

- **EAp2**: Minimum Energy Performance
  Applicable to this prerequisite as it is considered a process load. Please see Technical Specification for electrical information.

- **EAc2**: Optimize Energy Performance
  Applicable to this credit as it is considered a process load. Please see Technical Specification for electrical information.

Thank you,

Dyson Inc.

____________________________________
Signature of Signing Authority

____________________________________
Title of Signing Authority

This LEED® compliance letter was created with the assistance of EcoAmmo Sustainable Consulting Inc. Visit www.ecoammo.com for more information.

Disclaimer:
The use of this product can contribute to achieving points in the categories listed above; however, specifying this product does not guarantee point achievement or LEED® certification of a project.

The information provided on this letter is believed to be accurate as of the date noted. However, EcoAmmo Sustainable Consulting Inc. (EA) makes no warranty either expressed or implied, concerning the accuracy or completeness of this information. Any information that changes after the evaluation date is the responsibility of the manufacturer / supplier to inform EA and request an updated LEED® Compatibility Chart.

For further information please contact Dyson. 1-888-397-6622
www.dyson.com
airbladeinfo@dyson.com

[Logos]
LEED FOR INTERIOR DESIGN AND CONSTRUCTION (LEED ID+C) v4
COMPATIBILITY CHART FOR UNITED STATES OF AMERICA

Date of Evaluation: September 2018
Review of Dyson Airblade Wash + Dry hand dryer
Product Type: Lavatory Faucet & Hand Dryer
Master Format Code: 22.42.46

Product Evaluation:
The information provided on this chart is applicable throughout the United States. The product data has been evaluated and verified as of the date listed above by an independent third party, EcoAmmo Sustainable Consulting Inc. www.ecoammo.com

LEED Rating System
This compatibility chart is to be used when pursuing LEED certification with the U.S. Green Building Council (USGBC), when the team chooses LEED v4 ID+C.
The information can be utilized on the following project types:
LEED ID+C: Commercial Interiors
LEED ID+C: Retail
LEED ID+C: Hospitality

<table>
<thead>
<tr>
<th>Credit Name</th>
<th>Product Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>WEP1 Indoor Water Use Reduction</td>
<td>Applicable to this prerequisite when used in a public lavatory with the 0.5 gallon/minute aerator. Please see Technical Specification for additional water flow rate information.</td>
</tr>
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<td>WEC1 Indoor Water Use Reduction</td>
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Accreditations
Carbon Trust
HACCP International
Quiet Mark

The Carbon Reduction Label is the registered trademark of the Carbon Trust. HACCP International non-food certification mark is the registered trademark of HACCP International. HACCP International have certified Dyson products based on their recommended installation and operating conditions. The Quiet Mark logo is the registered trade mark of the Noise Abatement Society.

For further information please contact Dyson.
1-888-397-6622
www.dyson.com
airbladeinfo@dyson.com
TECHNICAL SPECIFICATION

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

**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

FLOOR

**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 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 so as to hold the main weight of the metal duct and the unit, and 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 polycarbonate 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: 341 mph / 549 km/h (High Voltage), 331 mph / 533 km/h (Low Voltage)
Maximum altitude: 2,000 meters / 6,562 feet
Rated operating noise power: LV = 80 db(A) for WD04-06, HV = 80 db(A) for WD06, 81 db(A) for WD04-05
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 1/8” (303mm) × W 11 1/8” (284mm) × D 11 1/2” (291mm); WD05 = H 17” (434mm) × W 10 1/4” (275mm) × D 11 1/8” (288mm); WD06 = H 24” (610mm) × W 14 1/2” (375mm) × D 11 1/8” (302mm)
UPC Barcodes: Low Voltage/WD04: 885609014104, WD05: 885609014111, WD06: 885609014128; High Voltage/WD04: 885609014074, WD05: 885609014081; High Voltage/WD06: 885609014098

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

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