LEED FOR BUILDING OPERATIONS AND MAINTENANCE (LEED O+M) v4
DOCUMENTATION LETTER FOR UNITED STATES OF AMERICA

RE: LEED Documentation of Dyson Airblade V hand dryer HU02

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 BD+C. The information can be utilized on the following project types: LEED O+M: Existing Buildings, LEED O+M: Data Centers, LEED O+M: Warehouses & Distribution Centers, LEED O+M: Hospitality, LEED O+M: Schools, LEED O+M: Retail

We are pleased to confirm that the Dyson Airblade V hand dryer HU02 can aid in the achievement of the following LEED® credits:

- **EAp1 Energy Efficient Best Management Practices**
  Can be applicable to this prerequisite as it is considered a process load. Although the focus of this credit is on major operating systems, process loads like this fixture can be included at the team’s discretion.

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

- **EAc1 Existing Building Commissioning: Analysis**
  Applicable to this credit as it is considered a process load. Please see Technical Specification for electrical information.

- **EAc2 Existing Building Commissioning: Implementation**
  Applicable to this credit as it is considered a process load. Please see Technical Specification for electrical information.

- **EAc3 Ongoing commissioning**
  Applicable to this credit as it is considered a process load and therefore should be included in the responsibilities portion of the commissioning plan for maintenance and testing. Please see technical data sheet for electrical 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
design@dyson.com
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.

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design@dyson.com
LEED FOR BUILDING OPERATIONS AND MAINTENANCE (LEED O+M) v4 COMPATIBILITY CHART FOR UNITED STATES OF AMERICA

Date of Evaluation: September 2018
Review of Dyson Airblade V hand dryer HU02
Product Type: Hand Dryer
Master Format Code: 10.28.13

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 O+M. The information can be utilized on the following project types:
- LEED O+M: Existing Buildings
- LEED O+M: Data Centers
- LEED O+M: Warehouses & Distribution Centers
- LEED O+M: Hospitality
- LEED O+M: Schools
- LEED O+M: Retail

<table>
<thead>
<tr>
<th>Credit Name</th>
<th>Product Compatibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>EAp1 Energy Efficient Best Management Practices</td>
<td>Can be applicable to this prerequisite as it is considered a process load. Although the focus of this credit is on major operating systems, process loads like this fixture can be included at the team’s discretion.</td>
</tr>
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</tr>
<tr>
<td>EAc3 Ongoing commissioning</td>
<td>Applicable to this credit as it is considered a process load and therefore should be included in the responsibilities portion of the commissioning plan for maintenance and testing. Please see technical data sheet for electrical information.</td>
</tr>
<tr>
<td>EAc4 Optimize Energy Performance</td>
<td>Applicable to this credit as it is considered a process load. Please see Technical Specification for electrical information.</td>
</tr>
<tr>
<td>MRc4 Solid Waste Management Ongoing</td>
<td>At the end of its life, almost every component of the Airblade is recyclable, 80.1% by weight. Only a few minor thermoset plastic &amp; rubber components cannot be recycled. Please see the technical data sheet for the applicable weights and measurements required for the credit.</td>
</tr>
</tbody>
</table>

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www.dyson.com
design@dyson.com

Credit Name: Product Type: Hand Dryer
Master Format Code: 10.28.13

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LOW VOLTAGE AND HIGH VOLTAGE TECHNICAL SPECIFICATION

**Electrical**
- **Input voltage:** Low voltage = 100–120 V, High voltage = 200–240 V
- **Frequency:** 100–115 V at 50/60 Hz, > 115–120 V at 60 Hz; 200–240 V at 50/60 Hz
- **Standby power consumption:** Less than 0.5 W
- **Motor specification:** 1000 W, digital V4 brushless motor
- **Motor switching rate:** 5,500 per second
- **Motor speed:** 83,000 rpm
- **Amp:** Dedicated hand dryer circuit required. Reference NEC/local electrical code for loading. 9.09 A at 110 V; 4.54 A at 220 V
- **Heater type:** None

**Construction**
- **Fascia:** Polycarbonate
- **Antibacterial coating type:**
  - HU02 (Sprayed Nickel) contains antibacterial additive in paint.
  - HU02 (White) contains antibacterial moulded additive.
  - Can help prevent the growth of bacteria.
- **Back plate mounting bracket:** ABS/PBT Plastic
- **Exterior screw type:** Anti-tamper ¼” (4 mm) Pin-Hex
- **Water ingress protection:** to IP24

**Filter**
- **Sealed HEPA filter (glass fiber and fleece prelayer)**
- Captures 99.97% of particles as small as 0.3 microns

**Operation**
- **Touch free capacitive sensor activation**
- **Hand dry time measurement:** 12 seconds
  (measurement based on NSF P335 to a measurement of 0.1 g residual moisture)
- **Sound power level:** 79 dB(A)
- **Sound pressure level @ 2 m:** 63 dB(A)*
- **Operation lock-out period:** 30 seconds
- **Airspeed at aperture:** 420 mph at Low voltage, 430 mph at High voltage
- **Maximum altitude:** 9,842 feet / 3,000 meters
- **Operating airflow:** up to 5.3 gallons/sec and up to 42.38 CFM
- **Operating temperature range:** 32°–104°F / 0°–40°C

**Logistics**
- **Unit barcode:**
  - Sprayed Nickel – Low voltage: 885609009933, High voltage: 885609009797
  - White – Low voltage: 885609009896, High voltage: 885609009179
- **Packaged weight:** 9.52 lbs / 4.32 kg
- **Packaged dimensions:**
  - Height 5 ½” (145 mm) × Width 17 ½” (455 mm) × Depth 10 ¾” (274 mm)
- **Pallet quantity:** 56

**Standard warranty**
- 5 year parts (self-service)

*Sound pressure measured at 6.56 feet (2 meters) distance, in a semi-anechoic chamber.

**Product range (Select one)**

<table>
<thead>
<tr>
<th>Part number/SKU</th>
<th>HU02 Sprayed Nickel</th>
<th>HU02 White</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low Voltage:</td>
<td>307174-01</td>
<td>307173-01</td>
</tr>
<tr>
<td>High Voltage:</td>
<td>307172-01</td>
<td>307171-01</td>
</tr>
</tbody>
</table>

**Accreditations**
- Carbon Trust, NSF International
- ADA compliant
- Contributes to LEED certification
- Contributes towards satisfying Feature W08 under the WELL Building Standard™

The Carbon Reduction Label is the registered trade mark of the Carbon Trust. The NSF logo is the registered trade mark of NSF International. International WELL Building Institute™ and the related logos are trademarks used with permission from the International WELL Building Institute™.

For more information, please contact Dyson:
1-888-397-6622 | design@dyson.com | www.dyson.com
TECHNICAL SPECIFICATION

Fixing locations (4)

See table for recommended mounting heights

Side electrical entry point

7/8” (0.875mm)

7 1/2” (190mm) (0.625mm)

11 1/4” (279mm)

14 3/4” (375mm)

49 1/4” (1251mm)

5 0” (1270mm)

41” (1041mm) from the rear electrical entry point to the floor.*

Machine dimensions

Height 15 1⁄2” (394mm) × Width 9 7⁄32” (234mm) × Depth 4” (100mm)

Minimum clearance

8 3⁄8” (220mm) clearance either side and 1 3⁄16” (30mm) above machine.

Recommended installation heights from floor

<table>
<thead>
<tr>
<th>Adult</th>
<th>X 50” (1270mm)</th>
<th>Y 49 1/4” (1251mm)</th>
<th>Z 35 1/4” (895mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair/child</td>
<td>X 48 1/4” (1238mm)</td>
<td>Y 48” (1219mm)</td>
<td>Z 34” (863mm)</td>
</tr>
</tbody>
</table>

Rear cable entry point from floor

<table>
<thead>
<tr>
<th>Adult</th>
<th>41” (1041mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wheelchair/child</td>
<td>39 7/8” (1009mm)</td>
</tr>
</tbody>
</table>

*Please look into local guidelines for ADA compliance.