LEED FOR BUILDING DESIGN AND CONSTRUCTION (LEED BD+C) 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 BD+C: New Construction, LEED BD+C: Core and Shell, LEED BD+C Schools, LEED BD+C: Retail, LEED BD+C: Healthcare, LEED BD+C: Data Centers, LEED BD+C: Hospitality, and LEED BD+C: Warehouses and Distribution Centers.

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

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
LEED FOR BUILDING DESIGN AND CONSTRUCTION (LEED BD+C) 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 BD+C. The information can be utilized on the following project types:
LEED BD+C: New Construction
LEED BD+C: Core and Shell
LEED BD+C: Schools
LEED BD+C: Retail
LEED BD+C: Healthcare
LEED BD+C: Data Centers
LEED BD+C: Hospitality
LEED BD+C: Warehouses and Distribution

Credit Name | Product Compatibility
---|---
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.

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Accreditations
Carbon Trust
Quiet Mark
NSF International P335

Product range
Sprayed Nickel
White

For further information please contact Dyson.
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LOW VOLTAGE AND HIGH VOLTAGE TECHNICAL SPECIFICATION

Electrical
Input voltage: Low voltage = 120-127V, High voltage = 200-240V
Frequency: 50 or 60Hz, subject to voltage (85-115V at 50Hz; 85-130V at 60Hz); (200-240V at 50 & 60Hz)
Standby power consumption: Less than 0.5W
Motor specification: 1,000W digital brushless motor
Motor switching rate: 5,500 per second
Motor speed: 83,000rpm
Amp: Recommended dedicated 15 amp circuit
(110V ~10A; 120V ~8.33A; 220V ~4.55A; 240V ~4.17A)
Heater type: None

Motor specification: 1,000W digital brushless motor
Motor switching rate: 5,500 per second
Motor speed: 83,000rpm
Amp: Recommended dedicated 15 amp circuit
(110V ~10A; 120V ~8.33A; 220V ~4.55A; 240V ~4.17A)
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 1/8" (4mm) Pin-Hex
Water ingress protection to IP24

Filter
HEPA filter (Glass fiber and fleece prelayer)
Removes 99.97% of bacteria as small as 0.3 microns.

Operation
Touch free capacitive sensor activation
Hand dry time measurement: 12 seconds
(Measurement based on NSF Protocol P.335)
Sound power level: 79 dB(A)
Sound pressure level @ 2 m: 63 dB(A)*
Operation lock-out period: 30 seconds
Airspeed at aperture: 420mph at Low voltage, 430mph at High voltage
Maximum altitude: 6,561 feet / 2,000 meters
Operating airflow: up to 5.3 gallons/sec and up to 42.38 CFM
Operating temperature range: 32°F–104°F / 0°C–40°C

Logistics
Single unit order code:
Sprayed Nickel – Low voltage: 307174-01, High voltage: 307172-01
White – Low voltage: 307173-01, High voltage: 307171-01
Unit barcode:
Sprayed Nickel – Low voltage: 885609009933, High voltage: 885609009797
White – Low voltage: 885609009896, High voltage: 885609009179
Net weight: 6.17 lbs / 2.9kg
Packaged weight: 8.81 lbs / 4.0kg
Packaged dimensions:
Height 5 ⅞" (145mm) × Width 17 ⅞" (455mm) × Depth 10 ⅜" (274mm)

Standard warranty
5 year parts and 5 year limited labor warranty

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

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

### Fixing locations

- **Side electrical entry point**: 7/8" (0.875mm)
- **Rear electrical entry point**: 9 1/4" (234mm)

### Table for recommended mounting heights

<table>
<thead>
<tr>
<th>Height from Top of Backplate to Floor</th>
<th>Clearance Either Side</th>
<th>Clearance Above Machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>41&quot; (1041mm)</td>
<td>8 11/16&quot; (220mm)</td>
<td>1 3/16&quot; (30mm)</td>
</tr>
<tr>
<td>50&quot; (1270mm)</td>
<td>9&quot; (229mm)</td>
<td>2 3/4&quot; (70mm)</td>
</tr>
<tr>
<td>50&quot; (1270mm)</td>
<td>5/8&quot; (16mm)</td>
<td>2 1/8&quot; (54mm)</td>
</tr>
<tr>
<td>3 1/4&quot; (82mm)</td>
<td>3/4&quot; (19mm)</td>
<td>35 1/4&quot; (895mm)</td>
</tr>
</tbody>
</table>

* Please look into local guidelines for ADA compliance.

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### Machine dimensions

- **Height**: 15 1/2" (394mm)
- **Width**: 9 7/32" (234mm)
- **Depth**: 4" (100mm)

### Minimum clearance

- 8 11/16" (220mm) clearance either side and 1 3/16" (30mm) above machine.

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*Please look into local guidelines for ADA compliance.*