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
airbladeinfo@dyson.com
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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.

EAc4
Optimize Energy Performance
Applicable to this credit as it is considered a process load.
Please see Technical Specification for electrical information.

MRC4
Solid Waste Management
Ongoing
At the end of its life, almost every component of the Dyson Airblade V hand dryer is recyclable, 80.1% by weight. Only a few minor thermoset plastic & rubber components cannot be recycled. Please see the technical data sheet for the applicable weights and measurements required for the credit.

Thank you,
Dyson Inc.

Signature of Signing Authority

Title of Signing Authority

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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

Credit Name | Product Compatibility
----------- | ----------------------
EAp1 | 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 | Applicable to this prerequisite as it is considered a process load. Please see Technical Specification for electrical information.
EAc1 | Applicable to this credit as it is considered a process load. Please see Technical Specification for electrical information.
EAc2 | Applicable to this credit as it is considered a process load. Please see Technical Specification for electrical information.
EAc3 | 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.
EAc4 | Applicable to this credit as it is considered a process load. Please see Technical Specification for electrical information.
MRc4 | At the end of its life, almost every component of the Airblade is recyclable, 80.1% by weight. Only a few minor thermoset plastic & rubber components cannot be recycled. Please see the technical data sheet for the applicable weights and measurements required for the credit.

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The Carbon Reduction Label is the registered trade mark of the Carbon Trust. The NSF logo is the registered trade mark of NSF International. The Quiet Mark logo is the registered trade mark of the Noise Abatement Society.
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

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 @ 2m: 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: 6.17lbs / 2.9kg
Packaged weight: 8.81lbs / 4.0kg
Packaged dimensions:
Height 5 ½" (145mm) × Width 17 ¾" (455mm) × Depth 10 ½" (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:
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TECHNICAL SPECIFICATION

Fixing locations (4)

See table for recommended mounting heights

Side electrical entry point

Rear electrical entry point

Side electrical entry point

Fixing locations (4) ¼" (6.3mm)

5/8" (168mm)

9" (229mm)

4" (100mm)

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

50" (1270mm) from the top of the backplate to the floor.*

Machine fascia shown above in Side Elevation.
All dimensions shown in inches (+/– ¼") and in millimeters (+/– 5mm).
Holes indicated in green area are measured to the center of the hole.

Machine dimensions

Height 15 ½" (394mm) × Width 9 ⅛" (234mm) × Depth 4" (100mm)

Minimum clearance

8 ⅜" (220mm) clearance either side and 1⅜" (30mm) above machine.

*Please look into local guidelines for ADA compliance.

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