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

RE: LEED Documentation of Dyson Airblade 9kJ

November 04, 2019

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 9kJ 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
design@dyson.com
LEED FOR BUILDING DESIGN AND CONSTRUCTION (LEED BD+C) v4 COMPATIBILITY CHART FOR UNITED STATES OF AMERICA

Date of Evaluation: November 2019

Review of Dyson Airblade 9kJ

Product Type: Hand Dryer

Master Format Code: 10.28.13.14

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

For further information please contact Dyson.

1-888-397-6622
www.dyson.com
design@dyson.com

The Carbon label is a trademark of the Carbon Trust.

1HEPA filter tested to IEST-RP-CC001.6, by an independent testing laboratory, under prescribed test conditions.
**Electrical**

Input voltage: Low voltage = 100–120V, High voltage = 200–240V

Frequency: 100–115V at 50/60Hz, >115–120V at 60Hz; 200–240V at 50/60Hz

Standby power consumption: Less than 0.5W

Motor specification: 900W (Max) / 650W (Eco), digital V4 brushless motor

Motor switching rate:
5,000 per second (Max mode) / 4,533 per second (Eco mode)

Amp: Dedicated 20A circuit suitable for up to two (2) machines,
8.18A (Max)/5.91A (Eco) at 110V; 4.09A (Max)/2.95A (Eco) at 220V

Heater type: None

**Construction**

Fascia: Stainless steel – Brushed (304L)

Backplate mounting bracket: Stainless steel

Exterior screw type: Anti-tamper 1 3/4 in Pin-Hex

Water ingress protection rating to IP24

Net weight: 9.99lb / 4.53kg

**Filter**

Sealed HEPA filter (glass fiber and fleece prelayer)

 Captures 99.97% of particles as small as 0.3 microns

**Operation**

 Touch free ‘time of flight’ sensor activation

 Hand dry time measurement:
10 seconds (Max) mode / 12 seconds (Eco) mode (measurement based on NSF P333 to a measurement of 0.1g residual moisture)

Sound power level: 79dB(A) (Max) mode / 77dB(A) (Eco) mode

Sounds pressure level @ 2m: 64dB(A)* Max mode / 62dB(A)* Eco mode

Operation lock-out period: 30 seconds

Airspeed at aperture: 624km/h or 388mph (High voltage Max mode);
569km/h or 354mph (High voltage Eco mode); 624km/h or 388mph (Low voltage Max mode); 543km/h or 337mph (Low voltage Eco mode)

Maximum altitude: 9,842 feet / 3,000 meters

Operating temperature range: 32°–104°F / 0°–40°C

**Logistics**

Unit barcode: Low voltage: 885609017693, High voltage: 885609017686

Packaged weight: 16.84lb / 7.64kg

Packaged dimensions: H 5.1” (129mm) × W 20.5” (520mm) × D 24.3” (616mm)

Pallet quantity: 34

**Standard warranty**

5 year parts (self-service)

**Dyson backplate**

Where only unsupported plasterboard is available for installation, a Dyson backplate must be used. The Dyson backplate helps protect the wall from water damage and can be used to cover holes/marks left from previously installed products – including the Dyson Airblade dB hand dryer. Contact the Dyson Helpline or www.dyson.com for further information.

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

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TECHNICAL SPECIFICATION

Machine dimensions
Height 19 ⅝" (500mm) × Width 17 ⅞" (450mm) × Depth 4" (100mm)

Minimum clearance
8 ⅝" (210mm) above machine.

Recommended installation heights from floor

<table>
<thead>
<tr>
<th>Category</th>
<th>Height (inches)</th>
<th>Height (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adult</td>
<td>X 56&quot; (1422mm)</td>
<td>Y 54 ⅛&quot; (1384mm)</td>
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<tr>
<td>Wheelchair/child</td>
<td>X 53 ⅞&quot; (1365mm)</td>
<td>Y 52 ⅞&quot; (1327mm)</td>
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</table>

Rear cable entry point from floor

<table>
<thead>
<tr>
<th>Category</th>
<th>Height (inches)</th>
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<tr>
<td>Adult</td>
<td>48 ⅛&quot; (1226mm)</td>
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<td>Wheelchair/child</td>
<td>46&quot; (1169mm)</td>
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