

RE: LEED Documentation of Dyson Airblade 9kJ hand dryer

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 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 9kJ hand dryer 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



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 9kj 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

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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Date of Evaluation: November 2019
 Review of Dyson Airblade 9kJ hand dryer
 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 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 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.
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 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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Product range

Stainless Steel



The Carbon label is a trademark of the Carbon Trust.

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

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

LOW VOLTAGE AND HIGH VOLTAGE TECHNICAL SPECIFICATION

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 P335 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.



Product range

HU03 Stainless Steel

Part number/SKU

Low Voltage: 282997-01
High Voltage: 314696-01



Accreditations

Carbon Trust
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. International WELL Building Institute™ and the related logo are trademarks used with permission from the International WELL Building Institute™.

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

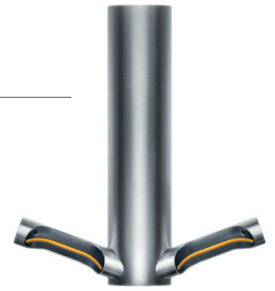
For more information, please contact Dyson:

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

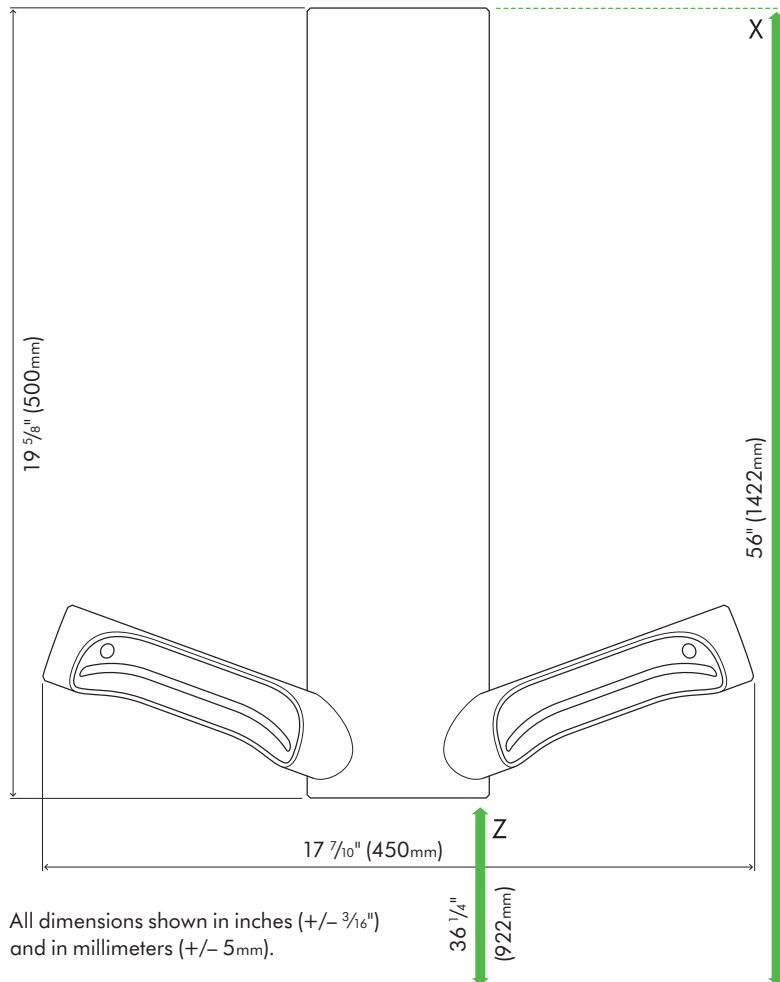
dyson airblade 9kJ

TECHNICAL SPECIFICATION

HU
03

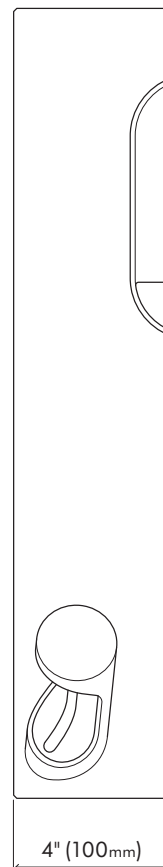


FRONT ELEVATION

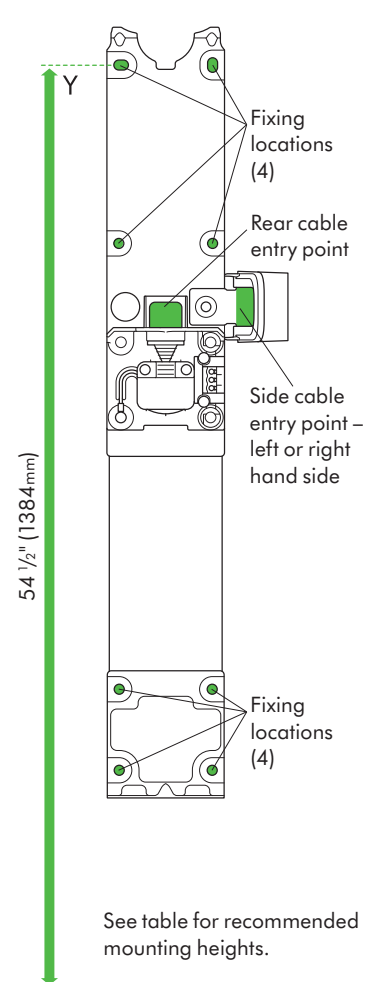


All dimensions shown in inches (+/- 3/16") and in millimeters (+/- 5mm).

SIDE ELEVATION



BACK PLATE



See table for recommended mounting heights.

FLOOR

Machine dimensions

Height 19 5/8" (500mm) × Width 17 7/10" (450mm) × Depth 4" (100mm)

Minimum clearance

8 1/4" (210mm) above machine.

Recommended installation heights from floor

Adult	X 56" (1422mm)	Y 54 1/2" (1384mm)	Z 36 1/4" (922mm)
Wheelchair/child	X 53 3/4" (1365mm)	Y 52 1/4" (1327mm)	Z 34" (865mm)

Rear cable entry point from floor

Adult	48 1/4" (1226mm)
Wheelchair/child	46" (1169mm)