dyson airblade 9kJ

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.

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

CARBON TRUST
REDUCING CO2

dyson airblade 9kJ

dyson airblade 9kJ

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.

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 sheet 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.

Accreditations

Carbon Trust

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

Product range

Stainless Steel

The Carbon label is a trademark of the Carbon Trust.

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

dyson airblade 9kJ

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 $\frac{3}{4}$ 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™

CARBON TRUST
CO2 MEASURED

LEED USGBC

INTERNATIONAL WELL BUILDING INSTITUTE™

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

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

dyson airblade 9kJ

TECHNICAL SPECIFICATION

HU 03

FRONT ELEVATION

SIDE ELEVATION

BACK PLATE

19 ⁵/₈" (500mm)

17 ⁷/₁₀" (450mm)

X

Z

36 ¹/₄" (922mm)
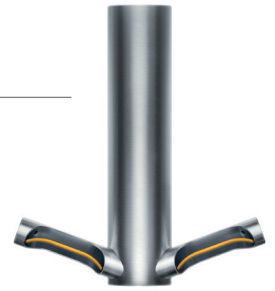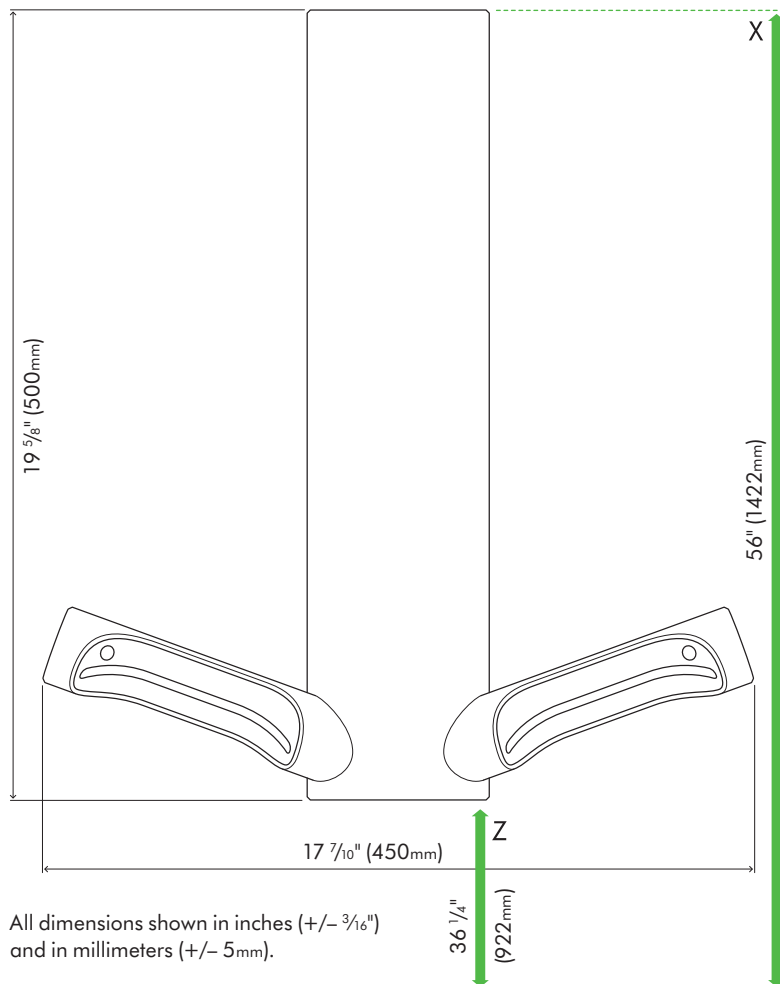
All dimensions shown in inches (+/– ³/₁₆")
and in millimeters (+/– 5mm).

56" (1422mm)

4" (100mm)

Y

54 ¹/₂" (1384mm)

Fixing
locations
(4)

Rear cable
entry point

Side cable
entry point –
left or right
hand side

Fixing
locations
(4)
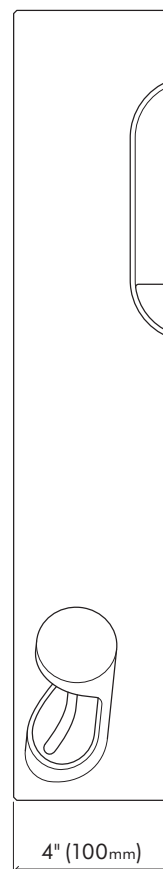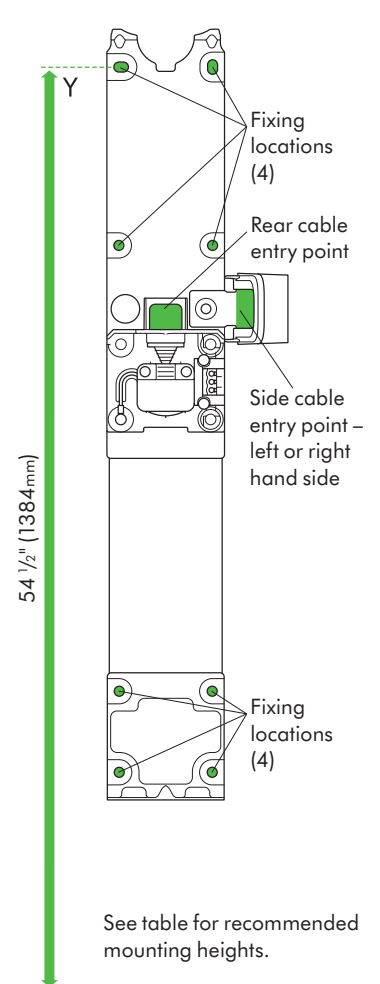
See table for recommended
mounting heights.

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)