

dyson airblade tap

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



RE: LEED Documentation of Dyson Airblade™ Tap AB09/AB10/AB11

May 30, 2014

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 ID+C: Commercial Interiors, LEED ID+C: Retail, LEED ID+C: Hospitality.

We are pleased to confirm that the Dyson Airblade™ Tap AB09/AB10/AB11 can aid in the achievement of the following LEED® credits:

WEp2 Indoor Water Use Reduction	Applicable to this prerequisite when used in a public lavatory with the 0.35 or 0.5 gallon/minute aerator. Please see Technical Specification for additional water flow rate information.
WEc2 Indoor Water Use Reduction	Applicable to this credit when used in a public lavatory with the 0.35 or 0.5 gallon/minute aerator. Please see Technical Specification for additional water flow rate information.
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
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airbladeinfo@dyson.com



dyson airblade
The fastest, most hygienic hand dryer.

dyson airblade tap

LEED FOR INTERIOR DESIGN AND CONSTRUCTION (LEED ID+C) v4 COMPATIBILITY CHART FOR UNITED STATES OF AMERICA

AB AB AB
09 10 11

Date of Evaluation: May 2014

Review of Dyson Airblade™ Tap AB09/AB10/AB11

Product Type: Lavatory Tap & Hand Dryer

Master Format Code: 22.42.46

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 ID+C.

The information can be utilized on the following project types:

LEED ID+C: Commercial Interiors

LEED ID+C: Retail

LEED ID+C: Hospitality

Credit Name	Product Compatibility
WEp1 Indoor Water Use Reduction	Applicable to this prerequisite when used in a public lavatory with the 0.35 or 0.5 gallon/minute aerator. Please see Technical Specification for additional water flow rate information.
WEc1 Indoor Water Use Reduction	Applicable to this credit when used in a public lavatory with the 0.35 or 0.5 gallon/minute aerator. Please see Technical Specification for additional water flow rate information.
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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Product range

AB09 Short

AB10 Long

AB11 Wall



Accreditations

Carbon Trust

HACCP International

NSF International



The Carbon Reduction Label is the registered trademark of the Carbon Trust. HACCP International non-food certification mark is the registered trademark of HACCP International. HACCP International have certified Dyson products based on their recommended installation and operating conditions. The NSF logo is the registered trademark of NSF International.

For further information please contact Dyson.

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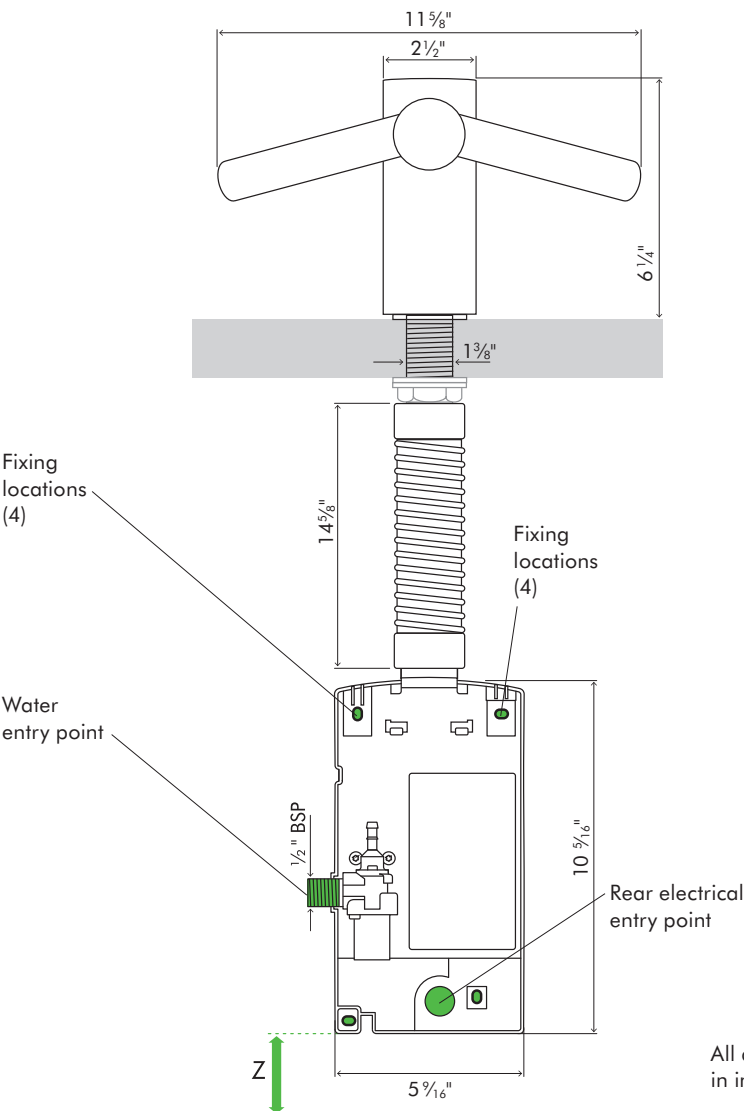
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TECHNICAL SPECIFICATION

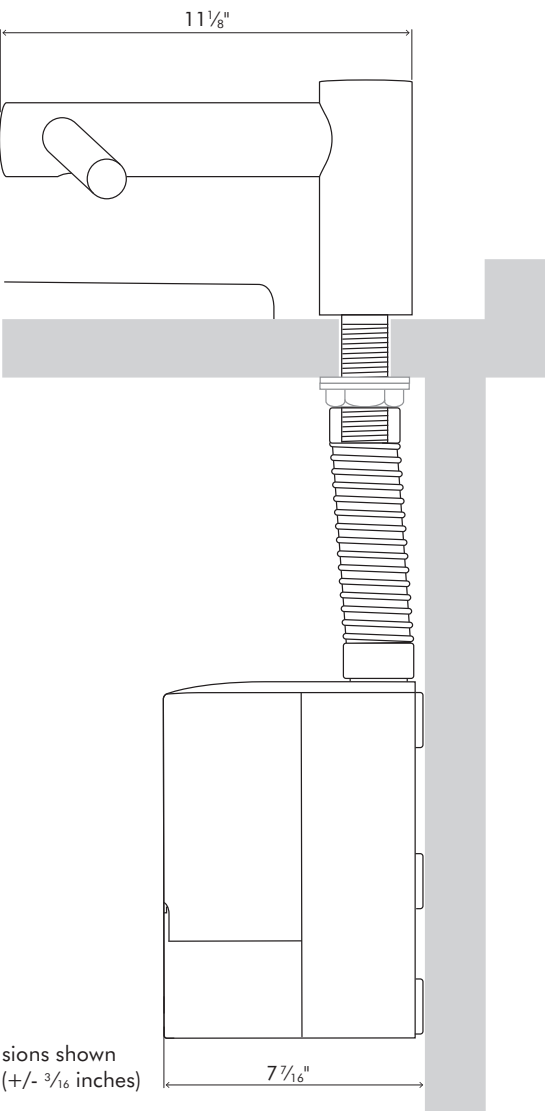
AB 09 AB 10 AB 11



FRONT ELEVATION



SIDE ELEVATION



All dimensions shown
in inches (+/- 3/16 inches)

FLOOR

Tap dimensions

AB09 Height 6 1/4" Width 11 5/8" Depth 11 1/8"

Motor bucket dimensions

AB09 Height 10 5/16" Width 5 9/16" Depth 7 1/16"

Minimum clearance

Z 4" clearance from floor.

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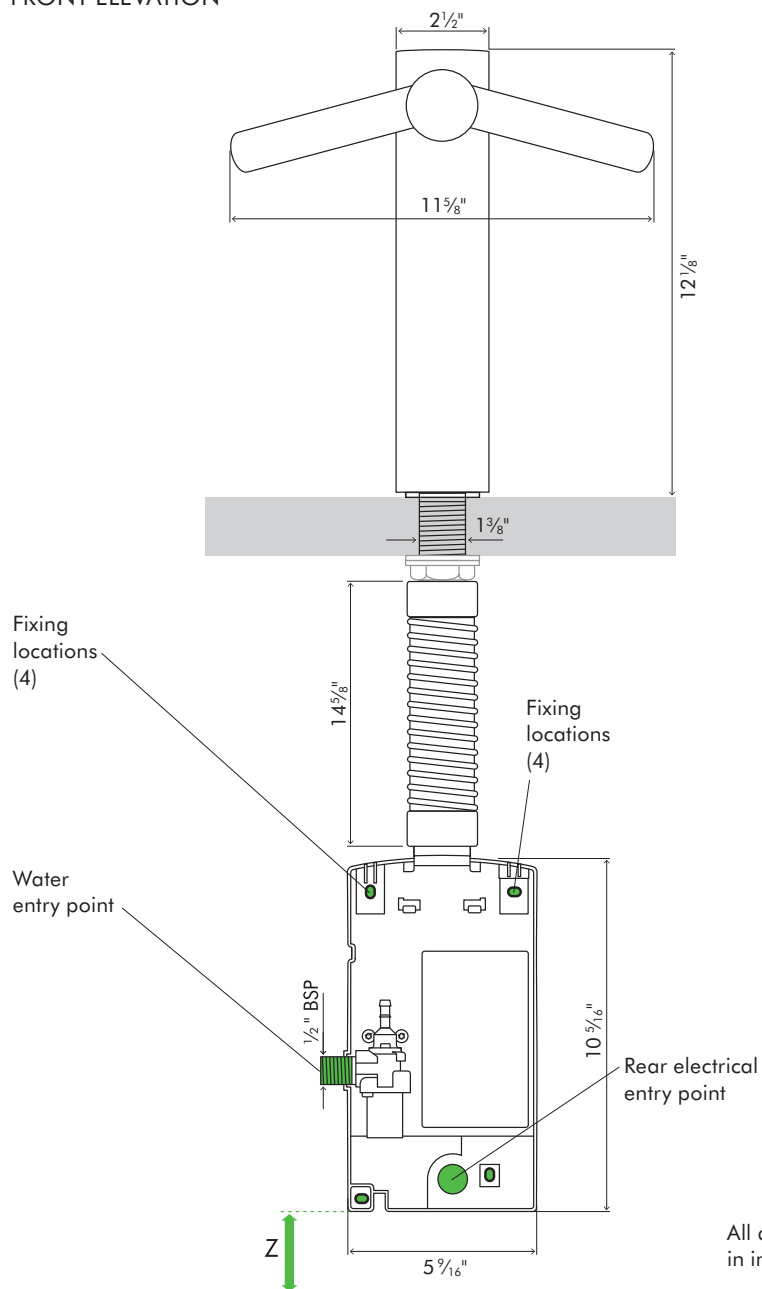
dyson airblade tap

TECHNICAL SPECIFICATION

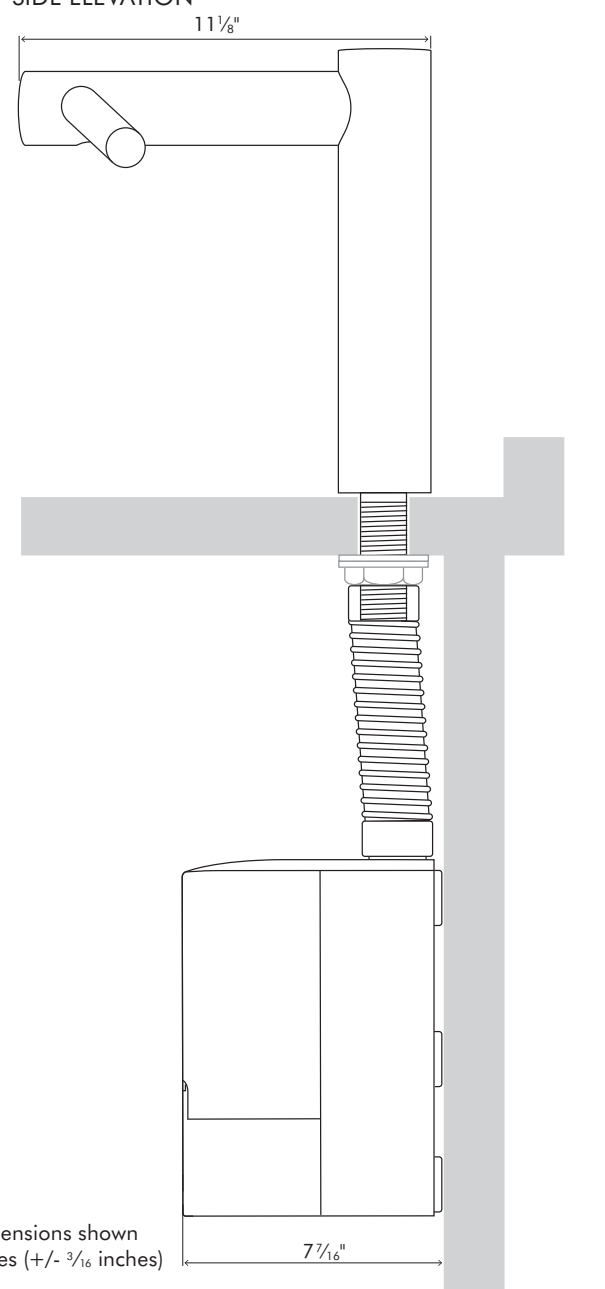
AB
09 AB
10 AB
11



FRONT ELEVATION



SIDE ELEVATION



All dimensions shown
in inches (+/- 3/16 inches)

FLOOR

Tap dimensions

AB10 Height 12 1/8" Width 11 5/8" Depth 11 1/8"

Motor bucket dimensions

AB10 Height 10 5/16" Width 5 9/16" Depth 7 1/16"

Minimum clearance

Z 4" clearance from floor.

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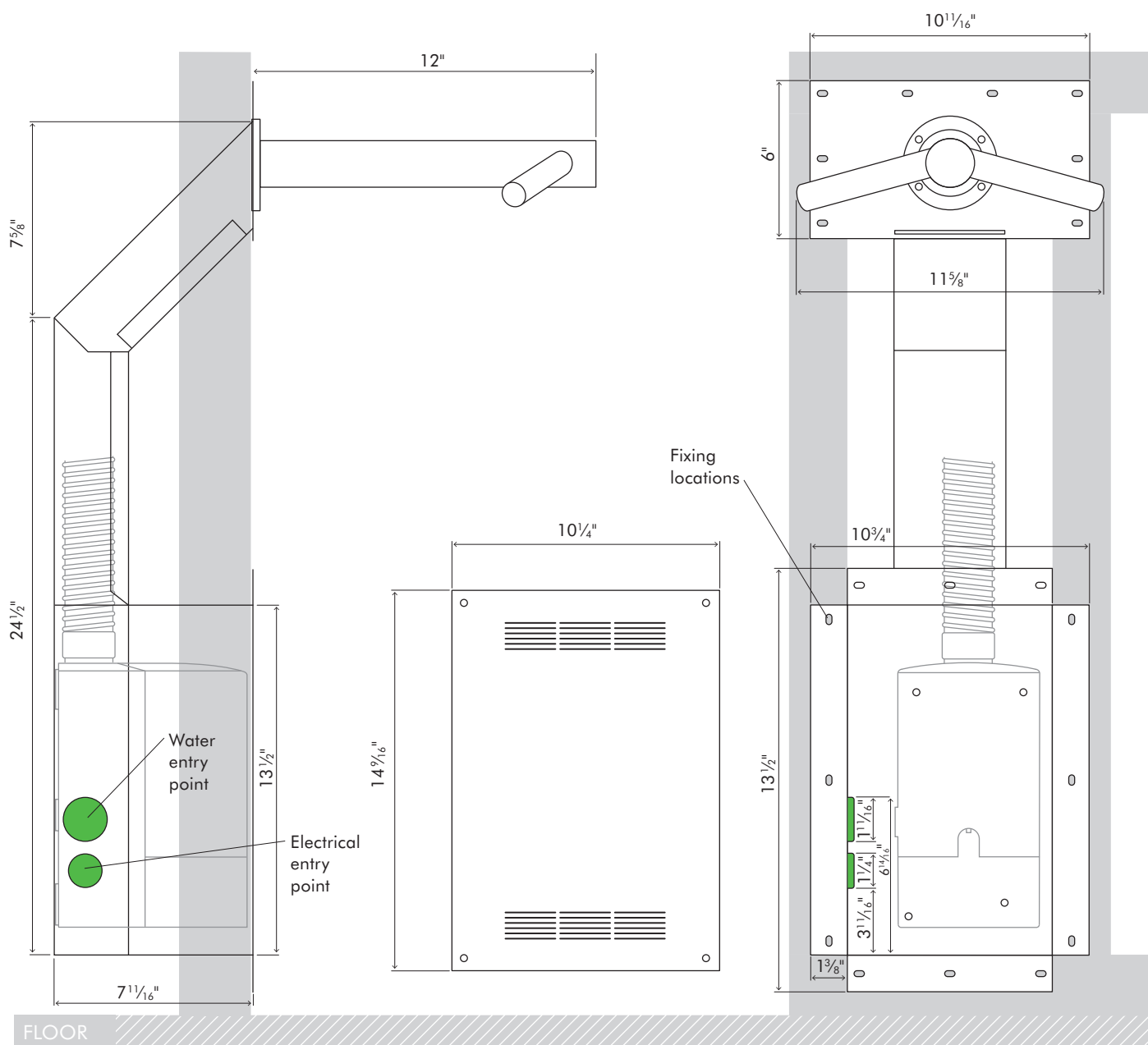
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TECHNICAL SPECIFICATION

AB AB AB
09 10 11



FRONT ELEVATION



Tap dimensions

AB11 Length 12 1/16" Width 11 5/8"

Motor bucket dimensions

AB11 Height 10 5/16" Width 5 1/16" Depth 7 7/16"

All dimensions shown in inches (+/- 3/16 inches)

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AB AB AB
09 10 11

Electrical

Input voltage/Frequency: 110V-120V 60 Hz

Rated power: 1400 W

Motor type: Dyson digital motor – V4 brushless DC Motor

Motor switching rate: 6,100 per second

Motor speed: 92,000 rpm

Operating temperature range: 32° – 104°F

Heater type: None

Standby power consumption: Less than 0.5 W

Construction

Tap construction: Stainless steel (brushed)

Lead Free

Under counter motor bucket: Molded ABS (main unit) also uses polycarbonate and polypropylene

Exterior screw type: Torx T15

Water ingress protection rating to IP35

Filter

HEPA filter (glass fiber and fleece prelayer)

Bacteria removal 99.97% at 0.3 microns

Operation

Touch-free infra-red activation

Hand dry time measurement: 14 seconds*

(Measurement based on National Sanitation Foundation Protocol P335)

Operation lock-out period: 30 seconds

Airspeed at apertures: 420 mph

Operating airflow: Up to 7.92 gal/sec

Rated operating noise power: 85 db(A)

Water operation

Water flow rate: 1.06 gal/min

Tap Aerator: 0.5 gal/min aerator outlet

Tap power supply: Mains supply

Water temperature control: Thermostatic mixer recommended (not supplied)

Water pressure required: 14.5-116 psi

Logistics

Serial number prefix: AB09 AN5; AB10 AN6; AB11 AN7

Single unit order code: AB09 25992-01; AB10 25993-01; AB11 25994-01

Net weight: AB09 9.5 lbs.; AB10 10.1 lbs.; 19.7 lbs.

Packaged weight: AB09 13.4 lbs.; AB10 14.3 lbs.; 25.9 lbs.

Packaged dimensions: AB09 H11 $\frac{1}{8}$ " x W11 $\frac{1}{8}$ " x D11 $\frac{1}{4}$ ";

AB10 H10 $\frac{7}{8}$ " x W17 $\frac{1}{4}$ " x D11"; AB11 H11 $\frac{1}{8}$ " x W24" x D14 $\frac{3}{4}$ "

Unit barcode: AB09 8799 5700 9110;

AB10 8799 5700 9127; AB11 8799 5700 9141

Sink specifications

The Dyson Airblade™ Tap is compatible with most sink types.

Ensure plugs are not installed in the sinks.

Sink dimensions: All sink measurements are internal unless stated otherwise.

Width of sink – Minimum: 13 $\frac{3}{4}$ ", Front to back – Minimum: 11 $\frac{3}{4}$ ";

Depth of sink – Minimum 4"

Maximum depth of sink for AB10 only: 7 $\frac{7}{8}$ " (External measurement of vessel sink).

Sink materials: Sinks with highly polished surfaces should be avoided e.g. shiny chrome.

Standard guarantee

5 year parts and 5 year limited labor warranty



Product range

AB09 Short



AB10 Long



AB11 Wall



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*Dry time measured using Dyson test method 769 based on NSF P335 using a measurement of 0.1g residual moisture.

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