



# Acme Sanitary Ware Co. Ltd.

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PROJECT		REF		REV	ITEM CODE	
LOCATION		DATE			PAGE	

## SANITARY WARE SPECIFICATION SHEET

<p><b>Item Descriptions</b></p> <p><b>Dimensions</b></p> <p><b>Model</b></p> <p><b>Finish</b></p> <p><b>Manufacturer</b></p> <p><b>Supplier</b></p> <p><b>Contact Tel/Fax</b></p> <p><b>E-mail</b></p> <p><b>Website</b></p>	<p>Dyson (UK) "airblade tap" wall mounted 2 in1 stainless steel Airblade Tap hand dryer</p> <p>Refer to drawing</p> <p>AB11</p> <p>Stainless Steel</p> <p>DYSON</p> <p>Acme Sanitary Ware Co. Ltd Mr. Eric Wong/ Mr. Don Yuen</p> <p>(852) 2388-7171 / (852) 2710-8012</p> <p>acme@acmesanitary.com.hk</p> <p>www.acmesanitary.com.hk</p>	<p style="text-align: center;">Illustration/ Drawing</p> <div style="text-align: center;"> </div> <div style="text-align: center;"> </div>
<p><b>Electrical</b></p> <p>Input voltage/Frequency: 110V-120V 60 Hz</p> <p>Rated power: 1400 W</p> <p>Motor type: Dyson digital motor – V4 brushless DC Motor</p> <p>Motor switching rate: 6,100 per second</p> <p>Motor speed: 92,000 rpm</p> <p>Operating temperature range: 32° – 104°F</p> <p>Heater type: None</p> <p>Standby power consumption: Less than 0.5 W</p> <p><b>Construction</b></p> <p>Tap construction: Stainless steel (brushed)</p> <p>Lead Free</p> <p>Under counter motor bucket: Molded ABS (main unit) also uses polycarbonate and polypropylene</p> <p>Exterior screw type: Torx T15</p> <p>Water ingress protection rating to IP35</p> <p><b>Filter</b></p> <p>HEPA filter (glass fiber and fleece prelayer)</p> <p>Bacteria removal 99.97% at 0.3 microns</p>	<p><b>Operation</b></p> <p>Touch-free infra-red activation</p> <p>Hand dry time measurement: 14 seconds (Measurement based on National Sanitation Foundation Protocol P335)</p> <p>Operation lock-out period: 30 seconds</p> <p>Airspeed at apertures: 420 mph</p> <p>Operating airflow: Up to 7.92 gal/sec</p> <p>Rated operating noise power: 85 db(A)</p> <p><b>Water operation</b></p> <p>Water flow rate: 1.06 gal/min</p> <p>Tap Aerator: 0.5 gal/min aerator outlet</p> <p>Tap power supply: Mains supply</p> <p>Water temperature control: Thermostatic mixer recommended (not supplied)</p> <p>Water pressure required: 14.5-116 psi</p> <p><b>Sink specifications</b></p> <p>The Dyson Airblade™ Tap is compatible with most sink types.</p> <p>Ensure plugs are not installed in the sinks.</p> <p>Sink dimensions: All sink measurements are internal unless stated otherwise.</p> <p>Width of sink – Minimum: 133/4", Front to back – Minimum: 113/4";</p> <p>Depth of sink – Minimum 4"</p> <p>Sink materials: Sinks with highly polished surfaces should be avoided e.g. shiny chrome.</p>	

**Note:**

\* All information of the above is for the reference only. No prior notice is made if any changes.



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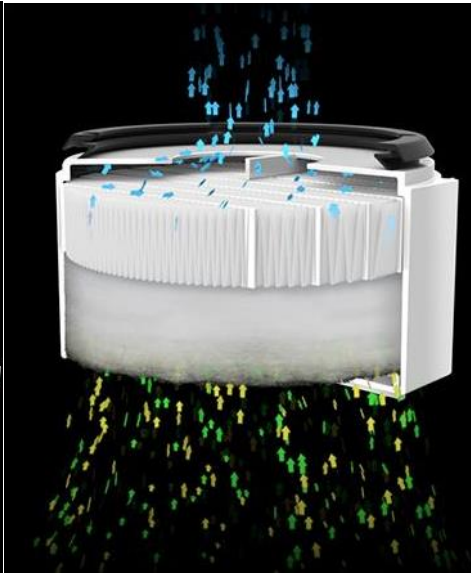
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## HEPA filtration

The HEPA filter removes airborne particles from the air. It has a grill to capture larger debris, a fleece layer to capture fluff and fibers and a pleated HEPA media to capture particles as small as 0.3 microns.

## Dyson digital motor technology

The Dyson digital motor V4 is one of the world's smallest fully-integrated 1600W motors. It spins 90,000 times a minute, and is the only hand dryer motor powerful enough to make Airblade™ technology possible.

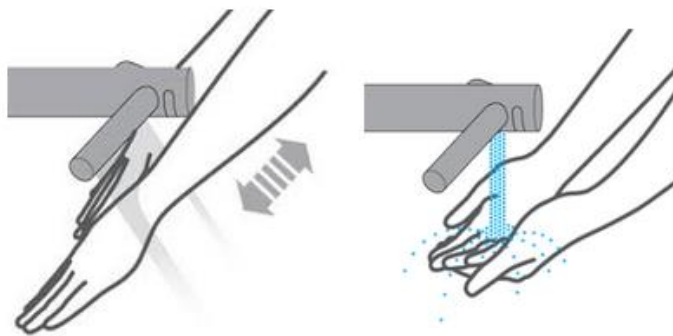
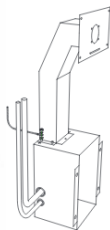
Every second, up to 9.25 gallons of air are forced through apertures up to 0.8 mm wide. The result — 420mph sheets of air that scrape water from hands, drying them hygienically in just 14 seconds.<sup>7</sup>

### Mounting the motor bucket (AB11) Metal enclosure assembly

This Dyson product is designed so the motor unit is located behind the stud wall. The vertical wall studs must be constructed so as to allow the metal enclosure to be fitted between them. One of the horizontal wall studs must be fitted a) so it holds the main weight of the metal duct and the unit, and b) so it is in the correct position for the tap stem.

## Eases washroom congestion

The Dyson Airblade Tap hand dryer takes 12 seconds to dry hands. So users spend less time in the washroom, and busy periods are easier to manage.



AB09 Short

AB10 Long

AB11 Wall



Note:

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本署檔號 : ( 12 ) in WSD 3321/19 T/J(809/2019)  
Our ref.  
來函檔號 :  
Your ref.

電話 :  
Tel.  
傳真 : 2824 0578  
Fax.

13 January 2020

### Approval of "DYSON" Sensor Taps (General Acceptance No. C20200029)

Your letter dated 29 July 2019 and subsequent submissions received by this department up to 27 December 2019 refer.

Having considered the test reports ref. HT19070287 and HT18040231 issued on 24 December 2019 and 5 December 2019 respectively by The Hong Kong Standards and Testing Centre Limited, this Authority accepts that the fittings described below comply with, and their use when correctly installed does not contravene, the Waterworks Ordinance and Regulations.

**Name of Manufacturer:** Dyson Technology Limited

**Country of Origin:** Malaysia

**Brand:** Dyson

**Details of Fittings:** 20mm Sensor tap with 1 no. of flexible hose

**Model:** AB09, AB10, AB11

**Body Markings:** **dyson**

**Expiry Date:** 30 August 2023

This Authority hereby permits the use of the above fittings in fresh water plumbing systems subject to full adherence to Waterworks installation requirements. In particular, you are required to draw your customers' attention to the following requirement-

"A stop cock or gate valve must be installed at the upstream of the fittings for manual isolation of water supply." AND

"The main voltage operated sensor valve should comply with the electricity safety regulation for applications in bathroom, toilet etc."

A condition of this acceptance is that the fittings to be installed shall be replicas of the samples as certified by the testing agent mentioned above and without modifications. This acceptance may be withdrawn at any time if the standard of the fittings installed fails to meet that of the approved samples or if the fittings are found to be unsuitable for use in fresh water plumbing systems.

This acceptance is only applicable to the main body of the fittings, unless otherwise specified.

For the use of the fittings in any project, the General Acceptance Number of this letter must be quoted as a means of identification of acceptance of the fittings by this Authority.

Should you have any enquiries, please contact our Engineer Mr. Terry KUNG at tel. no. 3583 4086.

Yours faithfully,



(CHAN Chung-kun)

for Director of Water Supplies

Encl.

c.c. WSD 3321/1/82 ] - without catalogue  
ME/MC ] - with soft copy only