

Dyson customer care  
www.dyson.com/airblade

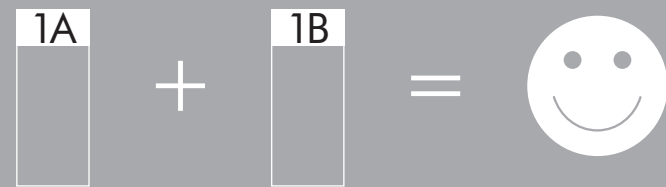
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www.dyson.co.uk  
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www.dyson.ie  
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www.dyson.com  
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www.dyson.co.za

dyson airblade

1A



Installation instructions  
and Maintenance manual

Installation instructions  
and Maintenance manual

Manual de Instruções de  
instalação e de Manutenção

Инструкции за монтаж и  
ръководство за поддръжка

Installation instructions  
and Maintenance manual

Installation instructions  
and Maintenance manual

安装说明和维护手册

安裝說明和維護手冊

Pokyny k instalaci  
a příručka k údržbě

Montageanleitung und  
Wartungshandbuch

Installationsoplysninger og  
vedligeholdelsesvejledning

Instrucciones de instalación y  
manual de mantenimiento

Asennusohje ja huolto-opas

Instructions d'installation  
et manuel d'entretien

Οδηγίες εγκατάστασης και  
εγχειρίδιο συντήρησης

Telepítési és karbantartási  
útmutató

Upute za postavljanje i  
priručnik za održavanje

Petunjuk pemasangan dan  
Buku petunjuk perawatan

הוראות התקנה ומדרוך תחזוקה

Uppsetningarleiðbeiningar  
og viðhaldshandbók

Istruzioni di installazione e  
manuale di manutenzione

설치 지침 및 유지 보수  
설명서

Arahan pemasangan dan  
manual Penyelenggaraan

Montage- en  
onderhoudshandleiding

Installeringsinstruksjoner  
og vedlikeholdshåndbok

Instrukcja instalacji  
i konserwacji

Instruções de instalação  
e manual de manutenção

Instruțiuni de instalare și  
Manual de întreținere

Инструкции по установке и  
руководство по техническому  
обслуживанию

إرشادات التركيب ودليل  
الصيانة

Installationsinstruktioner  
och underhållshandbok

Navodila za namestitve in  
priročnik za vzdrževanje

Montážne pokyny a návod  
na údržbu

วิธีติดตั้งและคู่มือการบำรุงรักษา

Kurulum talimatları  
ve Bakım kılavuzu

Installation instructions  
and Maintenance manual

Instrucciones de instalación  
y Manual de mantenimiento

dyson

HandDryerSupply.com | 804-859-2498 | sales@handdryersupply.com

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# Installation instructions

US

## READ AND SAVE THESE INSTRUCTIONS IMPORTANT SAFETY INSTRUCTIONS

**BEFORE INSTALLING OR USING THIS MACHINE READ ALL INSTRUCTIONS AND CAUTIONARY MARKINGS IN THE INSTALLATION INSTRUCTIONS AND MAINTENANCE MANUAL.**

When using an electrical machine, basic precautions should always be followed, including the following:

### **WARNING**

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. Use this machine only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
2. Before servicing or cleaning the machine, switch the power off at the service panel. Ensure the switch is locked to prevent the power from being switched on accidentally. If the means of switching off the power cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
4. When cutting or drilling into a wall or ceiling, do not damage electrical wiring and other hidden utilities.
5. Do not use sealant when fixing the machine to the wall.
6. Do not install directly above a heating appliance.
7. The size of the lead wire used for the wiring connection (including grounding lead) shall not be smaller than 18AWG.

**DO NOT USE ANY JETWASH OR POWER WASHING EQUIPMENT FOR CLEANING ON OR NEAR THIS MACHINE.**

### **WARNING**

ALL ELECTRICAL INSTALLATION AND REPAIR WORK SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICIAN OR DYSON FIELD SERVICE TECHNICIAN IN ACCORDANCE WITH CURRENT LOCAL CODES OR REGULATIONS.

### **CAUTION**

Your hand dryer should be located indoors. Operating temperature range 32°F (0°C) to 104°F (40°C). To reduce the risk of fire or electric shock, do not expose the internal mechanisms/components of this machine to moisture.

## Tools required

Suitable screwdriver for wall type fixings  
Small Phillips screwdriver  
Small flat head screwdriver  
Dyson tool (supplied)  
Tape measure and pencil  
Hand drill  
Suitable drill bit  
Pliers/wire strippers  
Knife

## Pre-installation checks

### Pre-installation planning

The machine is designed for a dry, internal location only.

Conformity and compliance is the responsibility of the installer. Consult local and national accessibility codes and regulations for relevant installation guidelines.

Install the machine in compliance with all building codes and/or regulations.

Isolate the power supply before installation or service.

Ensure no pipe work (gas, water, air) or electrical cables, wires or ductwork are located directly behind the drilling/mounting area.

Select a location that will allow accessibility to the machine and proper clearance from surroundings and floor.

Make sure that there are no obstructions between the machine and the floor and at least 8.25in (210mm) above for filter removal.

Dyson recommends the use of protective clothing, eye wear and materials when installing/repairing as necessary.

### Fig. A Wall fixing requirements

Do not fix to unsupported plasterboard (drywall) as this will not provide a safe and secure installation for the machine and may also invalidate the warranty.

Where only unsupported plasterboard is available for installation, a Dyson backplate must be used. Contact the Dyson Helpline for further information.

If the wall has an airgap, the fixings used must be of a sufficient length to provide a secure installation.

Do not use sealant when fixing the machine to the wall.

### Fig. B Power modes

This Dyson Airblade™ hand dryer has two power modes, 900W and 650W. The machine is set to 900W as default. If required, change the power mode to 650W before installation.

For more information about the power modes, go to [www.dyson.com/airblade](http://www.dyson.com/airblade)

## Electrical

Input voltage/Frequency: refer to rating plate.

Make sure that the power supply is switched off before installing.

Cable specification: 3 core cable (live/neutral/earth).

Local electrical regulations must be adhered to when installing or repairing this machine.

Rated power: refer to rating plate.

Operating temperature range: 32°F (0°C) to 104°F (40°C).

Maximum length of strip-back of Live and Neutral wire insulation: 0.25in (7mm).

## Quality testing

The Dyson Airblade™ hand dryer has undergone extensive quality testing, to make sure it can withstand forces and impacts typical of a commercial and public bathroom environment.

## Installing the Dyson Airblade™ hand dryer

**⚠ WARNING: Risk of electric shock!**  
Ensure that the power supply is switched off before continuing.

### Fig. 1 Drill the mounting holes

Select the installation location and appropriate height.

Recommended mounting heights are shown on the Mounting template. It may be necessary to adjust the measurements for individual installations.

Fix the supplied Mounting template to the wall in the correct location.

Rear cable entry installation: the electricity supply cable must align from the wall to the entry point on the Mounting template.

Side cable entry installation: an additional hole will need drilling. Refer to the Mounting template for location.

Drill the holes, where marked, using a suitable drill bit.

### Fig. 2 For rear cable entry installation

Unscrew and remove the cable clamp, terminal block and terminal block holder from the backplate. Loosen all three screws on the terminal block, ensuring the pre-installed earth wire remains in place.

Cut the gland smaller than the diameter of the cable and feed the cable through the conduit box and gland. Don't remove the gland from the backplate.

Using suitable fixings (not countersunk screws), fix the backplate to the wall.

Make sure that the cable sits securely in the cable guide. Any part of the cable not seated securely may prevent the machine from being fixed properly onto the backplate.

Secure the live, neutral and earth wires to the appropriate terminal block locations, as indicated on the backplate. Ensure the pre-installed earth wire remains securely inserted into the connector block.

Unscrew the nut on the earth terminal stud.

Wind the earth cable around the earth terminal stud on the back plate and tighten the nut to secure.

Secure the terminal block to the backplate with the terminal block holder and secure the cable clamp.

Only clamp double insulated cables with the cable clamp.

Don't overtighten any of the electrical fixtures.

### Fig. 3 For side cable entry installation

Using suitable fixings (not countersunk screws), fix the backplate to the wall.

Identify which side the cable will enter. Unscrew the entry tab on the machine.

Cut the rubber side tab of the conduit box on the side that will be facing downwards after installation.

Use a suitable cable gland/conduit connector (not supplied) for the installation.

Secure the conduit box on the wall using suitable fixings.

Unscrew and remove the cable clamp, terminal block and terminal block holder from the backplate. Loosen all three screws on the terminal block, ensuring the pre-installed earth wire remains in place.

Cut the gland smaller than the diameter of the cable and feed the cable through the conduit box and gland. Don't remove the gland from the backplate.

Make sure that the cable sits securely in the cable guide. Any part of the cable not seated securely may prevent the machine from being fixed properly onto the backplate.

Secure the live, neutral and earth wires to the appropriate terminal block locations, as indicated on the backplate. Ensure the pre-installed earth wire remains securely inserted into the connector block.

Secure the terminal block to the backplate with the terminal block holder and secure the cable clamp.

Only clamp double insulated cables with the cable clamp.

Don't overtighten any of the electrical fixtures.

### Fig. 4 Install the main body

This Dyson Airblade™ hand dryer has two power modes, 900W and 650W. The machine is set to 900W as default. If required, change the power mode to 650W before installation.

Hook the machine on to the backplate and gently lower the bottom of the machine until it is flush with the wall. Check that both backplate hooks are securely in position before continuing.

Fix the 2 security screws into the bottom of the machine using the tool supplied.

### Fig. 5 Complete the installation

Place the filter unit in the machine and make sure it clicks securely into place. Turn on the mains power supply and test the machine is working as it should by placing hands in sight of the sensors.

Please hand this manual to the owner/facilities manager.

# Maintenance

US

## READ AND SAVE THESE INSTRUCTIONS

## IMPORTANT SAFETY INSTRUCTIONS

**BEFORE INSTALLING OR USING THIS MACHINE READ ALL INSTRUCTIONS AND CAUTIONARY MARKINGS IN THE INSTALLATION INSTRUCTIONS AND MAINTENANCE MANUAL.**

When using an electrical machine, basic precautions should always be followed, including the following:

### **WARNING**

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:

1. This Dyson machine is not intended for use by, on, or near young children, invalids or infirm persons with reduced physical, sensory or reasoning capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction by a responsible person concerning use of the machine to ensure that they can use it safely.
2. Do not allow the machine to be used for any purpose other than drying hands. Use this machine only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
3. Before servicing or cleaning the machine, switch the power off at the service panel. Ensure the switch is locked to prevent the power from being switched on accidentally. If the means of switching off the power cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.

**DO NOT USE ANY JETWASH OR POWER WASHING EQUIPMENT FOR CLEANING ON OR NEAR THIS MACHINE.**

### **WARNING**

ALL ELECTRICAL INSTALLATION AND REPAIR WORK SHOULD BE CARRIED OUT BY A QUALIFIED ELECTRICIAN OR DYSON FIELD SERVICE TECHNICIAN IN ACCORDANCE WITH CURRENT LOCAL CODES OR REGULATIONS.

### **CAUTION**

Your hand dryer should be located indoors. Operating temperature range 32°F (0°C) to 104°F (40°C). To reduce the risk of fire or electric shock, do not expose the internal mechanisms/components of this machine to moisture.

# Looking after your hand dryer

## Please register as a Dyson hand dryer owner

To help us ensure you receive a prompt and efficient service, please register your machine at [www.dyson.com/airblade](http://www.dyson.com/airblade). This will register your warranty, confirm ownership of your Dyson machine in the event of an insurance loss, and enable us to contact you if necessary.

You will need your serial number, which can be found on the rating plate inside the main body and on the information sticker on the front of the machine.

Please ensure all instructions and guidance in the Installation instructions and Maintenance manual are adhered to or your warranty may be invalidated.

## Maintenance

### How to use

Place your hands beneath the Dyson Airblade™ hand dryer arms and it will start automatically, creating sheets of air that scrape water from your hands.

For best dry time results:

Keep your hands flat and parallel to the machine's surface, approximately 0.2in (5mm) from the air aperture, drawing your hands through the airflow from your wrists to finger tips.

Move your hands backwards and forwards slowly through the air, turning them over so both back and front are exposed to the airflow.

Keep your hands flat, close the gaps between your fingers and keep your thumbs tucked in, so the whole of your hand is drawn through the airflow.

For more information about the power modes, go to [www.dyson.com/airblade](http://www.dyson.com/airblade)

## Troubleshooting

### Hand dryer cuts out

After 30 seconds of continued use the hand dryer will turn off automatically. Remove and replace hands to restart.

Turn the machine off and on again at the mains electricity supply.

Make sure the sensors are clean.

Check the air apertures are clean and free of dust and blockages. If the air apertures are dusty, simply remove dust.

Check that the air inlet is free from blockages.

### The dry time has increased

Make sure that the correct power mode has been selected.

Check that the air inlet is free from blockages.

Inspect the air inlets for dust and remove.

### The airflow is running hotter than usual

Check that the air inlet is free from blockages.

Inspect the air inlets for dust and remove.

### Air is continuously running

After 30 seconds of continued use the hand dryer will turn off automatically. Remove and replace hands to restart.

Check that the air inlet is free from blockages.

Inspect the air inlets for dust and remove.

Contact Dyson for further support and information or online at [www.dyson.com/airblade](http://www.dyson.com/airblade)

## Cleaning

The hand dryer should be cleaned daily.

Wipe the sensors using a soft cloth and non-abrasive cleaner.

## Important information

Do not pressure or power wash the machine.

All cleaning chemicals should be used exactly as indicated by the manufacturer's instructions (including appropriate dilution).

Any chemicals intended for use should first be tested on an inconspicuous area to confirm suitability. Aside from cleaning chemicals, care should be taken to avoid any harmful fluids from coming into contact with the product, in particular oils and alcohol-based products.

## Filter maintenance

Regularly check the air inlet to ensure that it is free from dust and debris. Simply wiping the inlet with a soft cloth should be sufficient to remove dust and debris.

If the air inlet gets clogged, further cleaning or a filter change might be required.

If required for high usage environments, a Dyson filter change kit provides everything needed to change your machine's HEPA filter on site. Contact the Dyson Helpline for more information.

Filter cleaning or replacement for your hand dryer can be carried out by carefully following the instructions given in the filter change kit. If in any doubt, consult a qualified electrician or contact the Dyson Helpline for support.

## Servicing

If your hand dryer needs servicing, please call the Dyson Helpline or visit the website at [www.dyson.com/airblade](http://www.dyson.com/airblade)

# Additional information

## Disposal information

- Dyson products are made from high grade recyclable materials. Recycle where possible.

## Conformity information

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

## Your warranty

Terms and conditions of the Dyson 5 year limited warranty

- If you have registered your machine online, your warranty will start from the date of purchase. Please retain your proof of purchase. If you do not have your proof of purchase, your warranty will start 90 days after the date of manufacture, according to Dyson's records.
- This warranty will be void if the machine is installed and used in a country outside the one in which it was sold.

## What is covered

- All factory parts of your hand dryer are warranted against original defects, material and workmanship when used in accordance with the Dyson manual for a period of 5 years from the start of your warranty.
- Where Dyson determines that the main body assembly needs replacing, Dyson will send a replacement to be fitted by the customer on site. The customer will need to return any defective parts to Dyson using the prepaid postage box provided.
- Any replaced parts must be returned to Dyson or an administration fee will be levied.
- Please call the Dyson Helpline for more information.
- Any parts that are returned and replaced by Dyson will become the property of Dyson.
- The replacement of any part of your machine under warranty will not extend the period of warranty.
- This limited warranty provides benefits, which are additional to and do not affect any statutory rights you may have as a consumer. This limited warranty gives you legal rights, and you may have other rights which vary from state to state.

## What is not covered

Dyson shall not be liable for costs, damages or repairs incurred as a result of, due to, or from:

- Purchases of machines from unauthorized dealers.
- Careless operation or handling, misuse, abuse and/or lack of maintenance or use not in accordance with the Dyson manual.
- Use of parts not in accordance with the Dyson manual.
- Use of parts and accessories other than those produced or recommended by Dyson.
- External sources such as weather, electrical outages or power surges.
- Faulty installation or installation that does not precisely follow the installation instructions supplied by Dyson (except where installed by Dyson).
- Repairs or alterations carried out by unauthorized parties or agents.
- Normal wear and tear (e.g. fuse, etc.).
- Damage caused by cleaning which is not in line with the instructions in the Dyson manual. Do not use chemicals to clean the machine.
- Damage caused by water ingress due to cleaning or treatment prohibited in the Dyson manual.
- Any electrical, flooding or structural damage, or any loss of business or revenue as a result of product failure. If you are in any doubt as to what is covered by your warranty, please contact Dyson.

## Warranty limitations and exclusions

- To the fullest extent permitted by applicable law, any implied warranties relating to your machine including but not limited to warranty of merchantability or warranty of fitness for a particular purpose, are limited to the duration of this warranty.
- To the fullest extent permitted by applicable law, your remedy for breach of this warranty is limited to the warranty service described below. Dyson will not be liable for any consequential damages or incidental damages you may incur in connection with your purchase and use of your machine.
- This limited warranty gives you specific legal rights. You may also have other rights which vary by State.
- This limited warranty is not transferable.
- The limitations or exclusions of liability stated herein apply in the state of New Jersey, to the fullest extent permitted by applicable law.

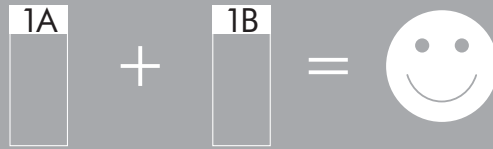
## Important data protection information

When registering your Dyson machine:

- You will need to provide us with basic contact information to register your machine and enable us to support your warranty.
- When you register, you will have the opportunity to choose whether you would like to receive communications from us. If you opt-in to communications from Dyson, we will send you details of special offers and news of our latest innovations.
- We never sell your information to third parties and only use information that you share with us as defined by our privacy policies which are available on our website at [privacy.dyson.com](https://www.dyson.com/privacy)

dyson airblade

# 1B



Installation drawings

Installation drawings

Esquemas de instalação

Схеми за монтаж

Installation drawings

Schémas d'installation

安裝图纸

安裝圖紙

Instalační výkresy

Montagezeichnungen

Installationstegningar

Imágenes de instalación

Asennuspiirustukset

Schémas d'installation

Σχέδια εγκατάστασης

Szerelési tervrajzok

Instalacijski nacrti

Gambar pemasangan

איורי התקנה

Teikningar vegna uppsetningar

Disegni di installazione

설치 그림

Lukisan pemasangan

Installatietekeningen

Installasjonstegninger

Rysunki instalacyjne

Desenhos de instalação

Scheme de instalare

Изображения установки

رسومات التركيب

Installationsritningar

Slike za montažo

Nákresy k montáži

ภาพประกอบการติดตั้ง

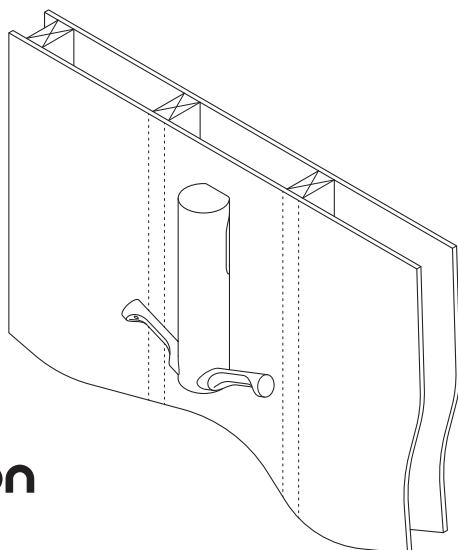
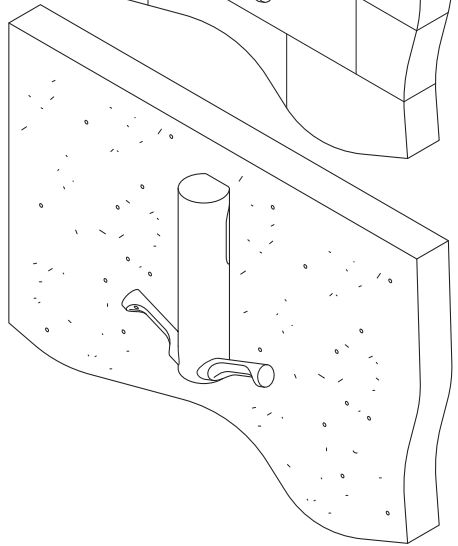
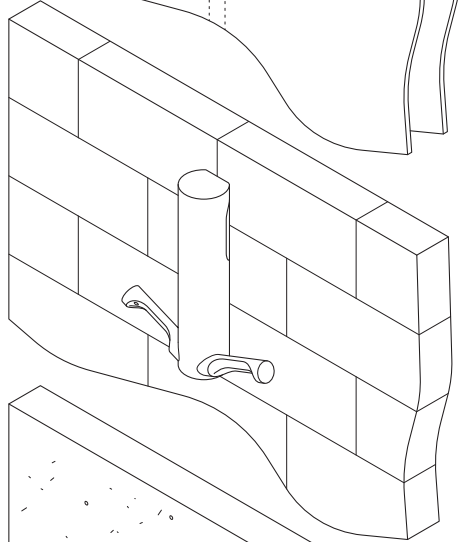
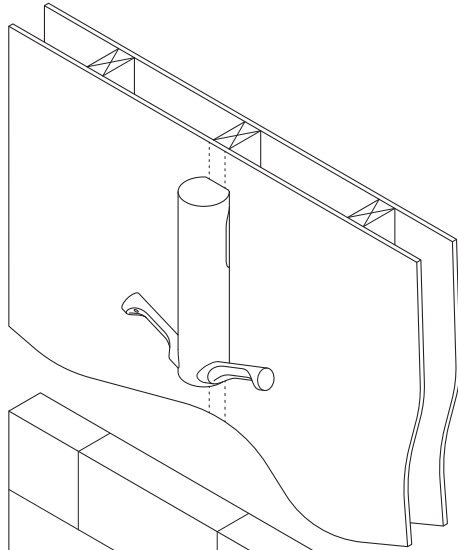
Kurulum çizimleri

Installation drawings

Dibujos de la instalación



Fig.A



 dyson

Fig.B

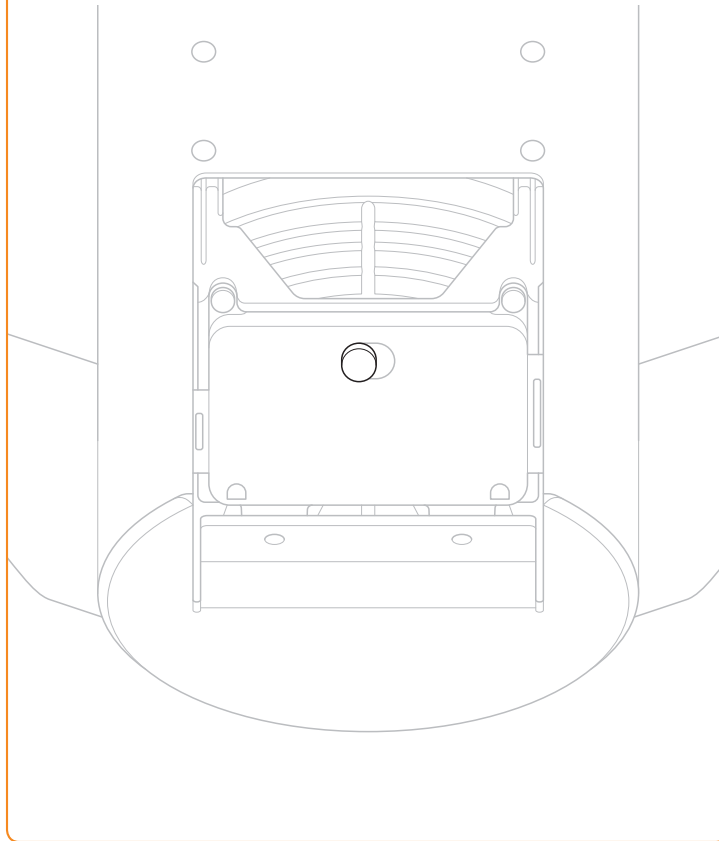


Fig.1

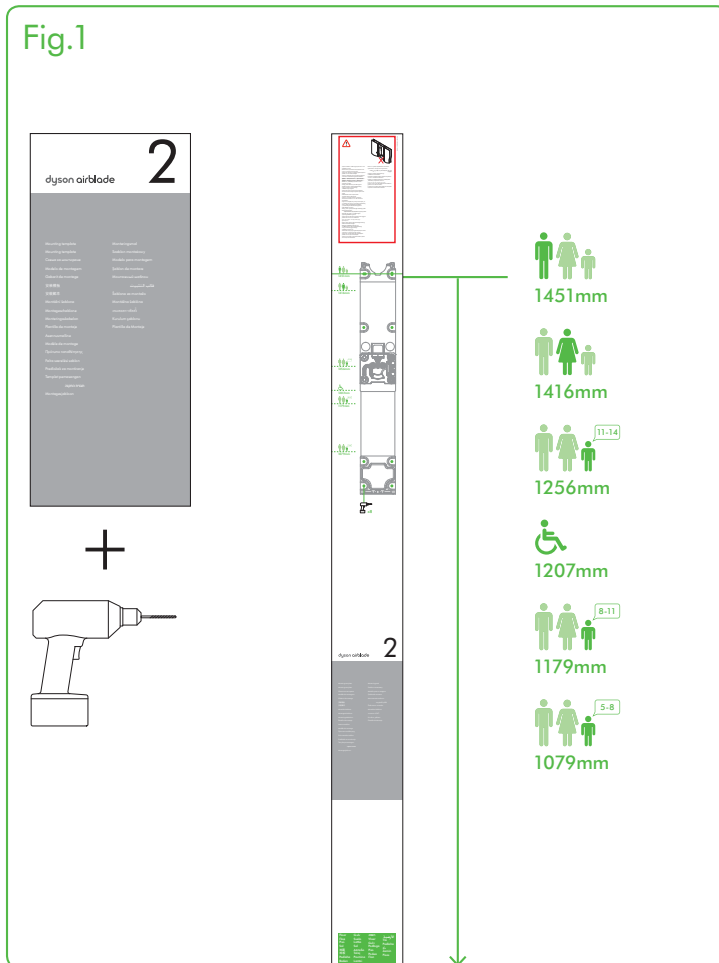


Fig.2

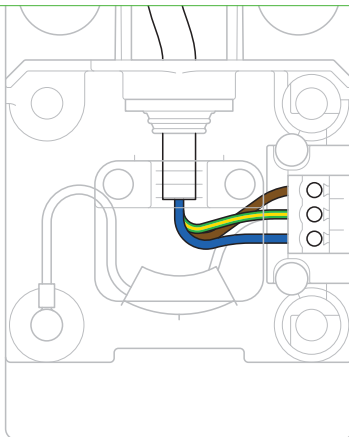
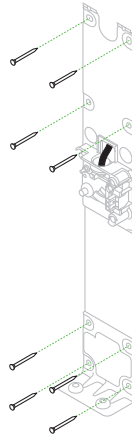
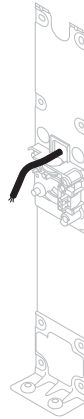
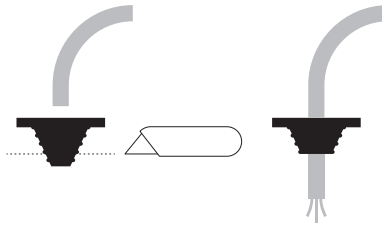


Fig.3



🔄 x8

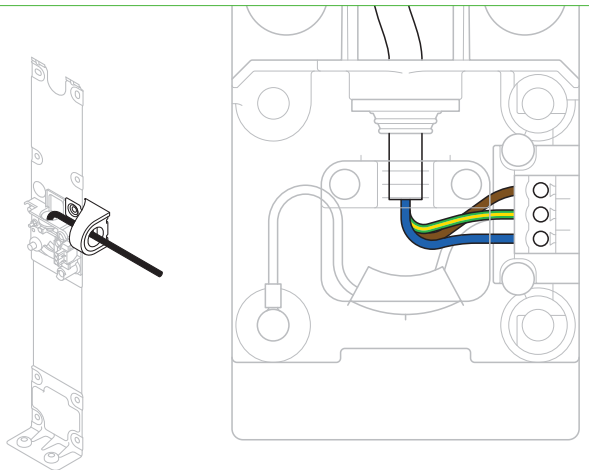
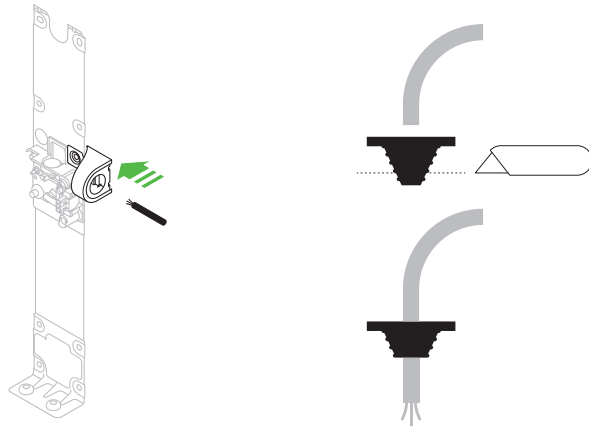
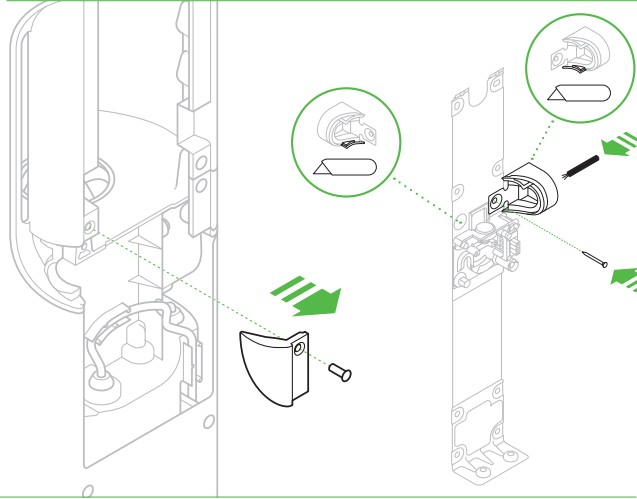
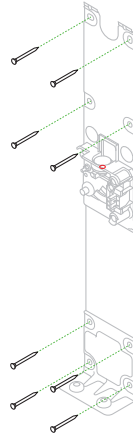
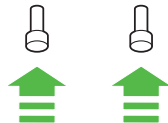
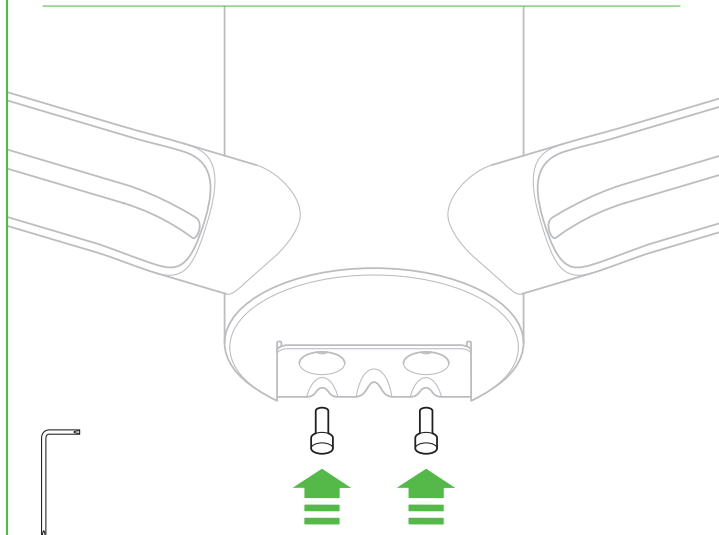
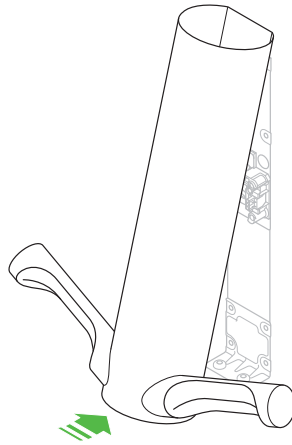
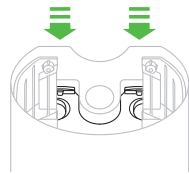
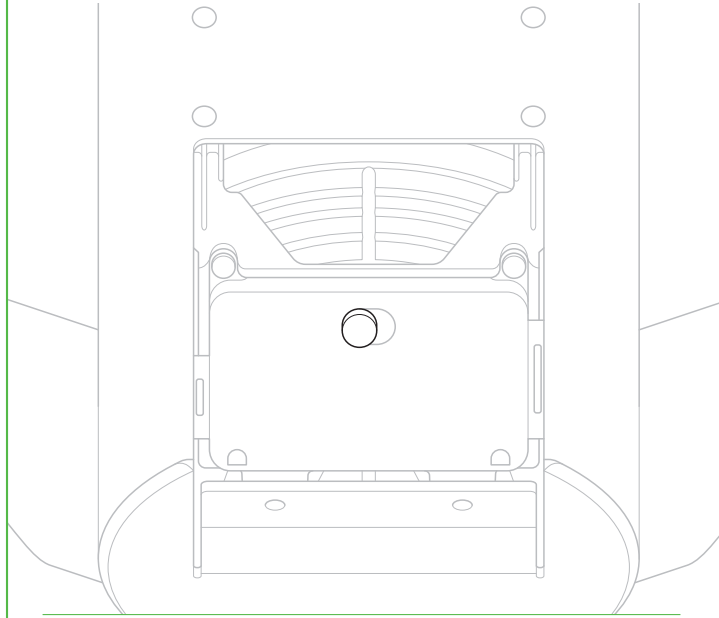


Fig.4



 x2

Fig.5

