

## Back panel installation guide

dyson

EN

## IMPORTANT SAFETY INSTRUCTIONS

READ BEFORE PROCEEDING FURTHER.

Retain for future use.

### WARNING

All electrical installation and repair work should be carried out by a qualified electrician or Dyson Service Engineer in accordance with current local codes or regulations.

### WARNING

Risk of electric shock! If casing is removed or handled improperly the internal components of the unit may cause harm or become permanently damaged.

#### BEFORE INSTALLATION

Before beginning any installation work you must confirm the following.

#### WIRING

- Check that the electrical supply corresponds to that shown on the rating plate. If the unit is connected to any electrical supply other than stated on the rating plate of the unit, permanent damage or improper/unsafe operation of the hand dryer may result.
- A means for all-pole disconnection must be incorporated into fixed wiring, in accordance with national and local wiring regulations.
- The unit must be earthed.
- When connecting the unit to the electricity supply use cable in accordance with national and local laws and applicable codes and standards, including fire-rated construction.
- If cable entry is to be from the side, it must be secured using plastic or flexible metal conduit and suitable fittings that lock to the side bracket. The conduit and fittings must be in accordance with local and national regulations. Solid metal conduit is not suitable.
- Ensure that the conduit and wires are long enough to connect to the backplate and terminal block.
- When wiring the backplate the maximum length for the wire's insulation to be stripped back is 6 mm.

#### SAFETY

- Isolate the power before installation.

#### INSTALLATION

- Make sure that the unit is installed in compliance with all building codes and/or regulations.
- The unit must be mounted on a flat vertical wall capable of supporting the full weight of the unit.
- Use fixings as specified in this installation guide.
- Ensure no pipe work (gas, water, air) or electrical cables, wires or ductwork are located directly behind the drilling/mounting area.
- Dyson recommends the use of protective clothing, eyewear and materials when installing/repairing as necessary.
- All metal parts in contact with this unit MUST be earthed, including any wall covering.

**DO NOT USE ANY JETWASH EQUIPMENT FOR CLEANING ON OR NEAR THIS UNIT.**

### WARNING

- To avoid damage to the fascia surface during installation, store the fascia in the original packaging until it is needed.

#### LOCATION

- The unit is designed for dry, internal location only.
- Consult local and national accessibility codes and regulations for relevant installation guidelines. Conformity and compliance is the responsibility of the installer.
- Ensure the required electrical supply is available for later connection.

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## CONSIGNES DE SÉCURITÉ IMPORTANTES

À LIRE AVANT DE POURSUIVRE.

À conserver pour une utilisation ultérieure.

### AVERTISSEMENT

Toute installation ou réparation doit être réalisée par un électricien qualifié ou par un technicien de maintenance Dyson conformément à la réglementation ou aux codes locaux en vigueur.

### AVERTISSEMENT

Risque de décharge électrique ! Si le boîtier est retiré ou manipulé de façon incorrecte, les composants internes de l'unité peuvent provoquer des blessures ou être endommagés de manière irréversible.

#### AVANT L'INSTALLATION

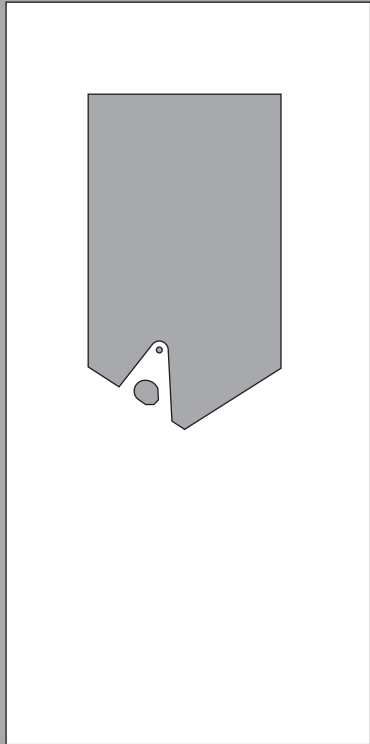
Avant toute installation, confirmez que les conditions suivantes sont remplies.

#### CÂBLAGE

- Vérifiez que l'alimentation électrique correspond à celle indiquée sur la plaque signalétique. La connexion de l'unité à une alimentation électrique non conforme à celle indiquée sur la plaque signalétique peut entraîner des dommages irréversibles ou des conditions d'utilisation incorrectes/dangereuses du sèche-mains.
- Un moyen de déconnexion omnipolaire doit être intégré au câblage fixe, conformément à la réglementation locale et nationale sur les câblages.
- L'unité doit être reliée à la terre.
- Lors de la connexion de l'unité à l'alimentation électrique, utiliser des câbles conformes à l'ensemble des lois nationales et locales, ainsi qu'aux codes et normes applicables, y compris pour les constructions à indice de résistance au feu.
- Si l'entrée du câble se fait par le côté, il doit être sécurisé à l'aide d'une conduite en plastique ou en métal souple et de fixations adaptées verrouillant le support latéral. La conduite et les fixations doivent être conformes à la réglementation locale et nationale. Les conduites en métal solide ne conviennent pas.
- Assurez-vous que la conduite et les fils sont suffisamment longs pour atteindre la plaque arrière et le bornier.
- Lors du câblage de la plaque arrière, la longueur maximale d'isolation de câble pouvant être retirée est de 6 mm.

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Contents



Back panel x 1



Temporary mounting bracket x1



Earth connection wire x 1



Serrated washer x 2



Screw x 1

# 1

## Unpack and position.

Refer to the Dyson Airblade V hand dryer installation guide for steps 1 and 2.

# 2

## Drill and plug.



6mm

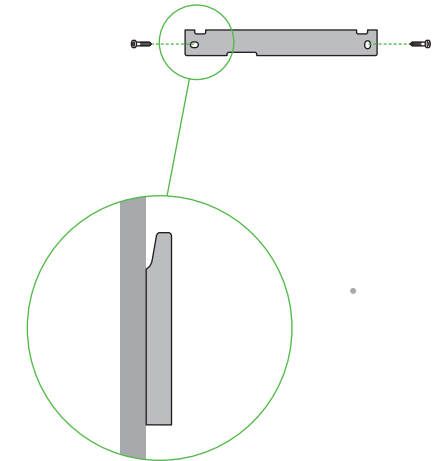


- Primary fixing locations (x4).
- Optional side entries (x2)

Drill holes and insert wall plugs suitable for your wall construction. Use Dyson Airblade V hand dryer backplate to mark hole position. Refer to step 2 in Dyson Airblade V hand dryer installation guide.

# 3

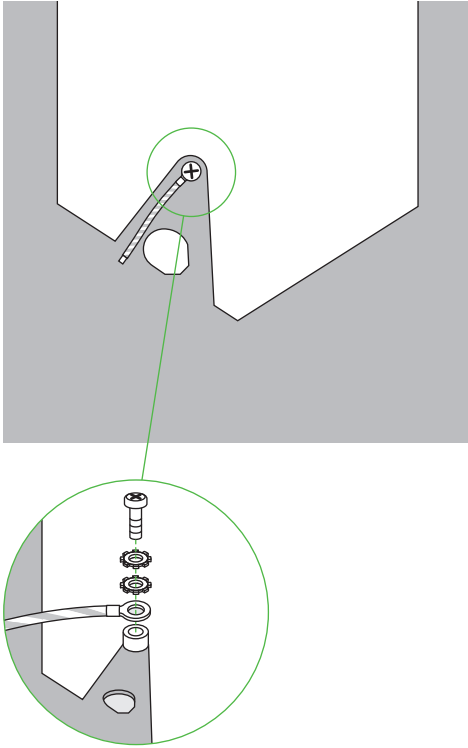
## Install temporary mounting bracket.



Fit temporary mounting bracket to wall (screws not provided). Check with spirit level.

# 4

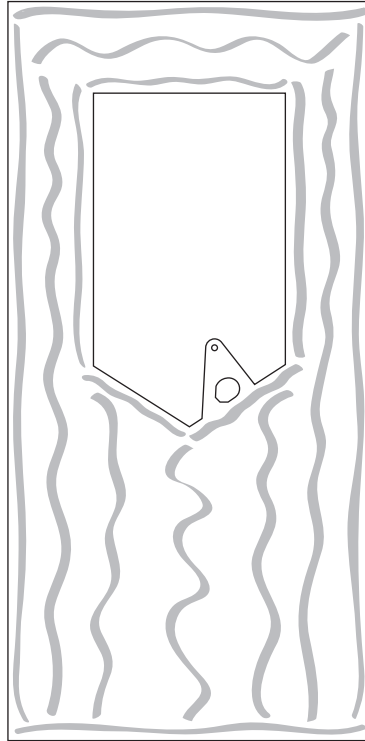
Remove and keep screw, washers and wire.



Unpack back panel and remove the screw, serrated washers (x2) and earth connection wire. Store safely.

# 5

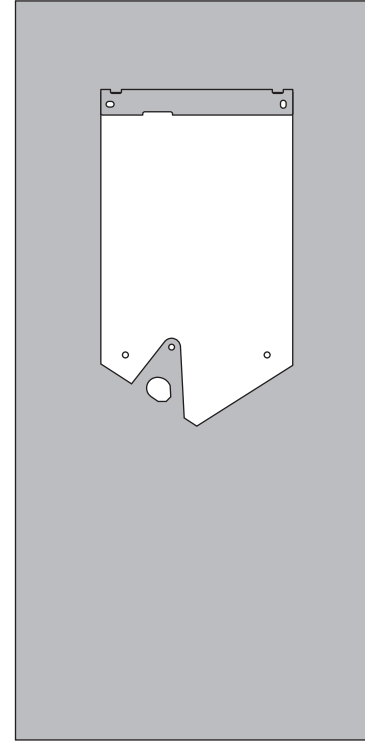
Apply adhesive.



Apply a thin layer of suitable adhesive to unprotected side.

# 6

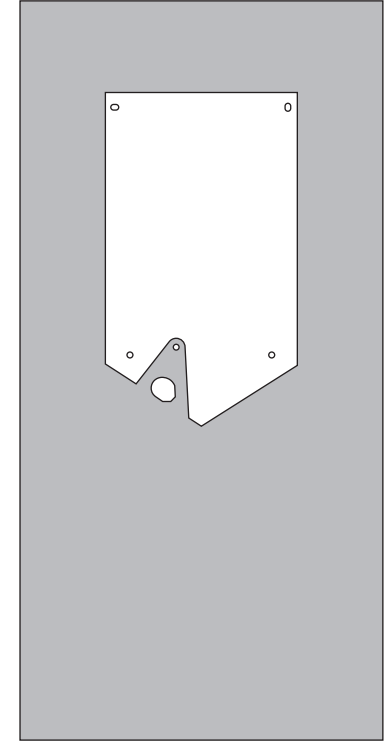
Install back panel.



Fit back panel to wall using the temporary mounting bracket as a guide. Ensure back panel is flat and tight against the wall. Ensure excess adhesive is not pushing back panel away from the wall as this will affect the ability to install the Dyson Airblade V hand dryer. Check with spirit level.

# 7

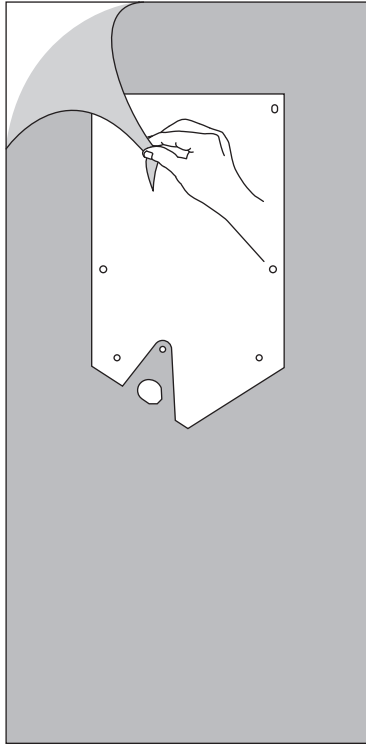
Remove mounting bracket.



When adhesive has dried, remove temporary mounting bracket.

# 8

Remove protective plastic.



# 9

Install back plate.

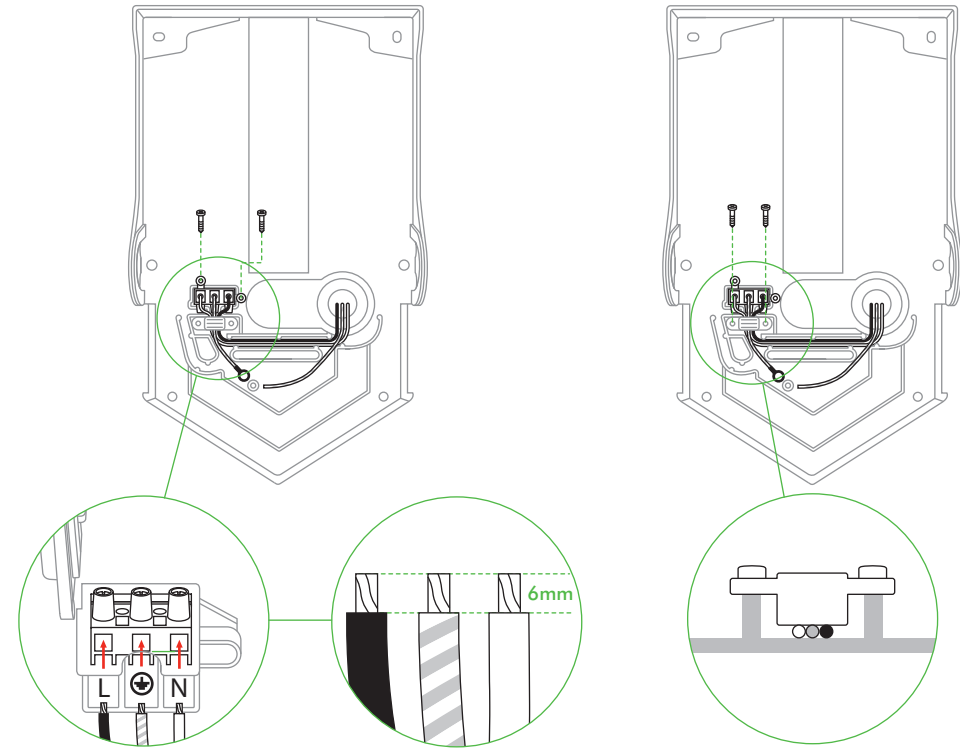


Do not use countersunk screws.

Refer to the first stages of step 3.1 in the Dyson Airblade V hand dryer installation guide for rear cable entry backplate installation. Refer to the first stages of step 3.2 for side cable entry backplate installation.

# 10

Connect to terminal block.



**WARNING: Risk of electric shock!**  
Ensure power is not connected.

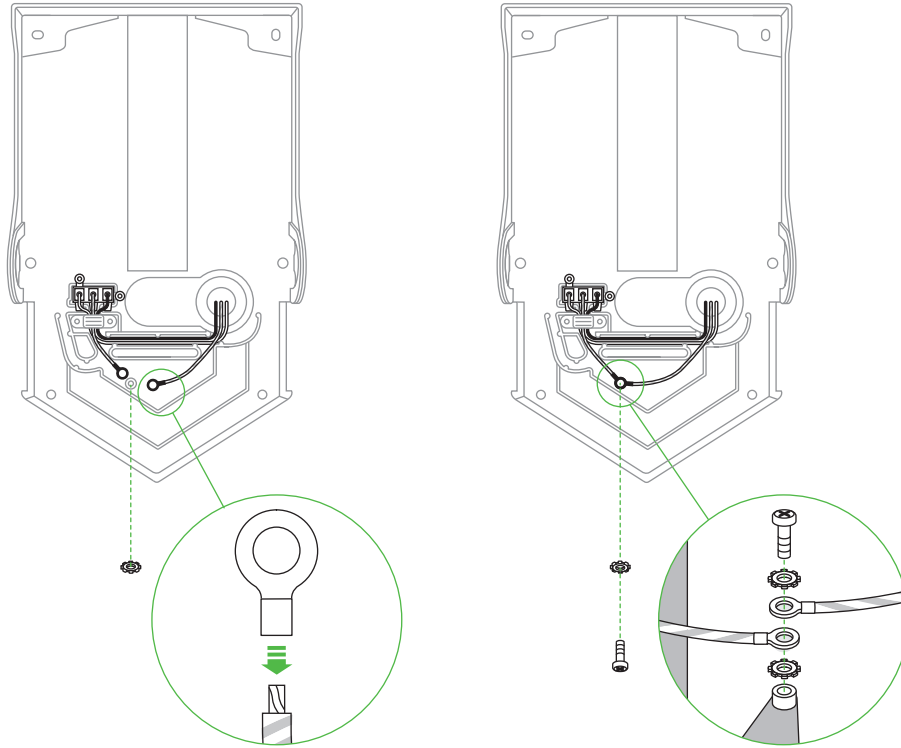
1. Ensure the cable does not sit above the cable guide from the cable inlet to the terminal block. If the cable sits above the guide walls it may interfere with main components, prevent the security screws being fitted correctly, or risk the main body being forced on to the backplate, causing damage.
2. Unscrew the cable clamp from the backplate. Remove the cable terminal block holder.

3. Open the flap on the terminal block holder. Secure the live, neutral and separately supplied earth connection wire into the correct terminal block locations as indicated on the terminal block holder. Recommended torque of 0.5 - 0.65 Nm.
4. Verify the connections are correct before proceeding.
5. Close the flap on the terminal block holder and fit it into the backplate.
6. Screw in and secure the cable clamp.

**CAUTION: Do not overtighten and crush the power cable.**

# 11

## Earth back panel.



1. Connect a ring terminal crimp (not supplied, recommended minimum internal diameter 3.5mm) to the supply earth wire.
2. Fit a serrated washer (supplied) over the screw boss followed by both earth wires with ring terminals, then the second serrated washer (supplied) and finally the screw (supplied). Recommended torque of 0.5 - 0.65 Nm.
3. Verify the earth connection to the back panel and earth connection wire in accordance with national and local wiring regulations.

# 12

## Attach main body.

Refer to Dyson Airblade V hand dryer installation guide step 5 for instructions on how to attach main body.

## Dyson Customer Care Helpline

[www.dysonairblade.com](http://www.dysonairblade.com)

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