

Installation instructions

AU/NZ

READ AND SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTIONS

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

When using an electrical appliance, 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 appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
2. Before servicing or cleaning the appliance, 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. Do not use sealant when fixing the appliance to the wall.
4. Do not install directly above a heating appliance.
5. The maximum altitude of use is 2,300 metres.
6. 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 EQUIPMENT FOR CLEANING ON OR NEAR THIS APPLIANCE.



WARNING

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



CAUTION

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

Operating temperature range: 0°C to 40°C.

Maximum length of strip-back of Live and Neutral wire insulation: 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.

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 210mm above for filter removal.
Dyson recommends the use of protective clothing, eyewear 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 guarantee.

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

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.

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.

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

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2. Do not allow the appliance to be used for any purpose other than drying hands. Use this appliance only in the manner intended by the manufacturer. If you have any questions, contact the manufacturer.
3. Before servicing or cleaning the appliance, 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.
4. The maximum altitude of use is 2,300 metres.

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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. This will register your guarantee, 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 guarantee 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 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

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

Cleaning

The hand dryer should be cleaned daily.

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

Important information

Do not pressure 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

Additional information

Disposal information

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

When your Dyson machine reaches the end of its life, we are responsible for its safe disposal. You can send your old Dyson machine back to us and we will organise for it to be recycled. Please note that not all parts are recyclable. Recycling of parts is subject to the capabilities of 3rd party suppliers. Available in Australia only.

Simply:

1. Box up your old Dyson machine.
2. Either post or drop off to the address below.

Dyson We Recycle
Dyson Service Centre
8–10 Mangrove Lane
Taren Point, NSW 2229

Your guarantee

Terms and conditions of the Dyson
5 year guarantee

- If you have registered your machine online, your guarantee will start from the date of purchase. Please retain your proof of purchase. If you do not have your proof of purchase, your guarantee will start 90 days after the date of manufacture, according to Dyson's records.
- This guarantee will be void if the machine is installed and used in a country outside the one in which it was sold.
- The Dyson Guarantee does not affect your statutory rights as a consumer, including under the Australian Consumer Law. In some circumstances it may provide additional benefits.

What is covered

- All factory parts of your hand dryer are guaranteed 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 guarantee.
- Please call the Dyson Helpline for more information.
- 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.
- Where a filter change is required, Dyson will provide a filter change kit to be installed on site by the customer.
- Any parts which are returned and replaced by Dyson will become the property of Dyson.
- The replacement of any part of your machine under guarantee will not extend the period of guarantee.
- The Dyson Guarantee does not affect your statutory rights as a consumer, including under the Australian Consumer Law. In some circumstances it may provide additional benefits.

What is not covered

Dyson does not guarantee the repair or replacement of a product as a result of:

- Accidental damage, faults caused by negligent use or care, unintentional or deliberate misuse, neglect, vandalism, careless operation or handling of the

fixture which is not in accordance with the Dyson manual.

- Use of parts not assembled or installed in accordance with the instructions of Dyson.
- Use of parts and accessories which are not genuine Dyson components.
- 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 other than in accordance with instructions by Dyson.
- Damage from external sources such as transit, weather, electrical outages or power surges.
- Normal wear and tear (e.g. fuse, etc.).
- Damage caused by cleaning which is not in line with the instructions in the Dyson manual.
- 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 guarantee, please contact Dyson.

Summary of cover

- You must provide proof of (both the original and any subsequent) delivery/purchase before any work can be carried out on your Dyson machine or before any replacement parts will be supplied. Without this proof, any work carried out or parts supplied will be chargeable. Keep your receipt or delivery note.
- Subject to the exclusions above, all work to be carried out under this guarantee will be carried out by Dyson or its authorised agents.

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 Dyson guarantee.
- 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: [privacy.dyson.com](https://www.dyson.com/privacy)