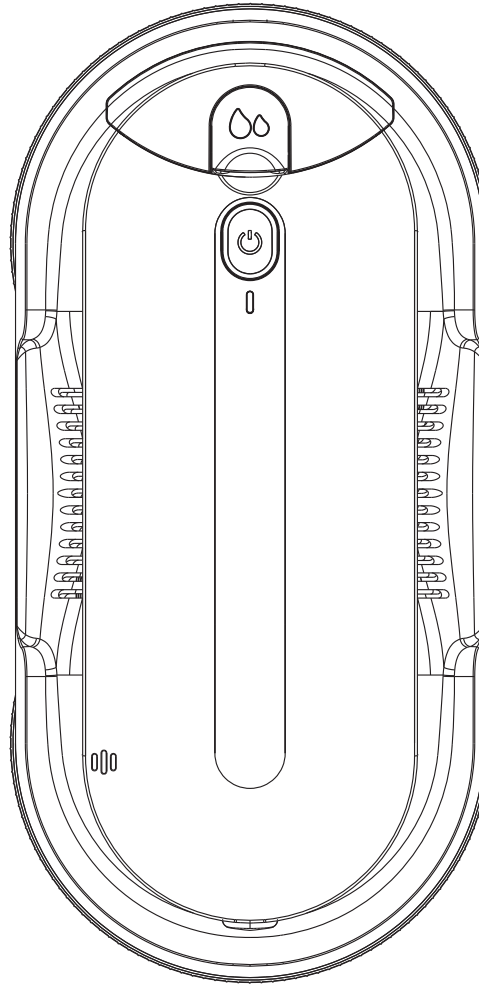
HOMEBOT®
— IRELAND —

glaze

WINDOW CLEANING ROBOT
WITH ULTRASONIC WATER SPRAY



HOMEBOT® — IRELAND —

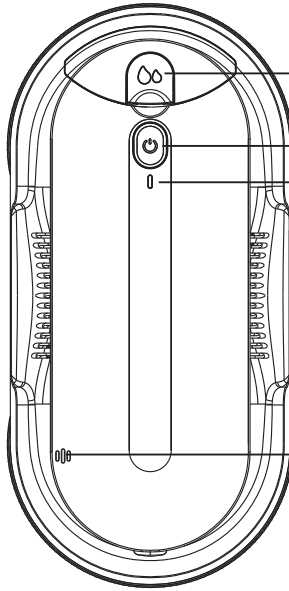
glaze

GLAZEWINDOW CLEANING ROBOT WITH ULTRASONIC WATER SPRAY

Thank you for choosing the Glaze Ultrasonic Water Spray Window Cleaning Robot.

Please read this manual in full before use to ensure your safety and get the best performance from the product.

PARTS LIST



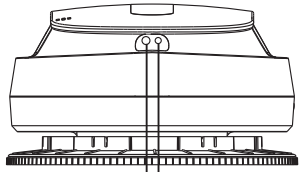
Water tank cover

ON/OFF/Pause Button
Press and hold for 3 seconds: Switch on/off
Short press: start/continue/pause

Status Indicator

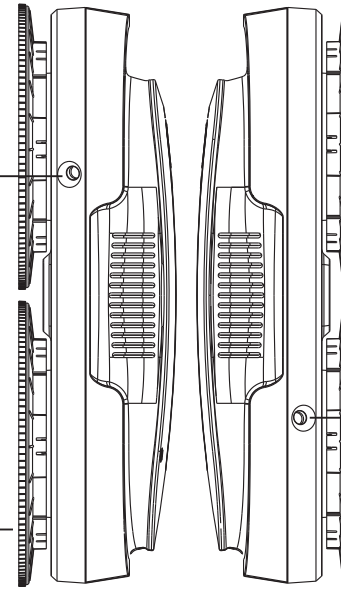
Buzzer

Sideview



Power Cord Hole

Cord installed Port

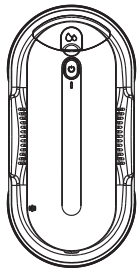


Nozzle

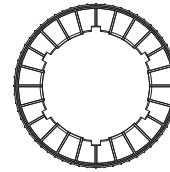
Nozzle

Mop Holder
(normally left in place; fit the mops directly onto them)

WHAT'S IN THE BOX



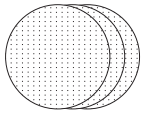
Window Cleaning Robot x1



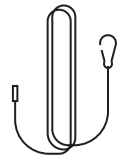
Mop Holder x2 (installed)



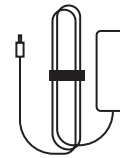
Remote Control x1



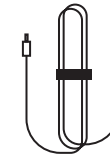
Mops x6



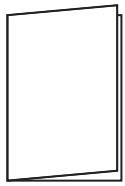
Safety Cable x1



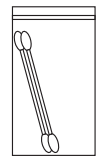
Adapter x1



AC wire x1



User Manual x1

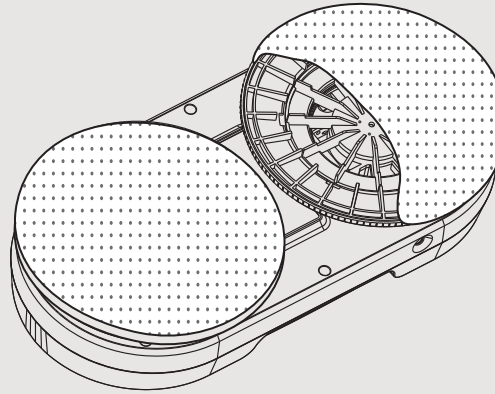


Cotton Swab x 2

INSTALLATION INSTRUCTIONS

1. Fit the mops

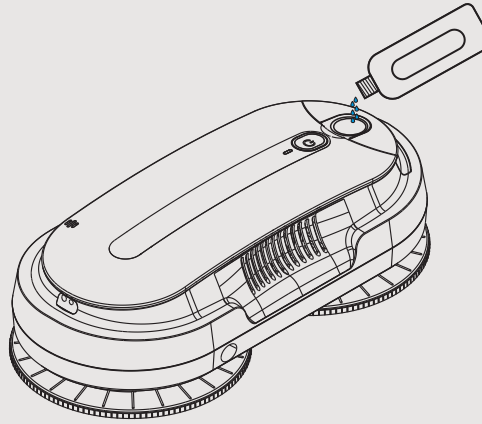
Cover each mop holder with a mop. Make sure the mop holders are properly seated before use. Once fitted, check all the way around each holder to confirm every clip has snapped into place. A loose clip will cause an air leak and the robot may not grip the glass.



2. Fill the water tank

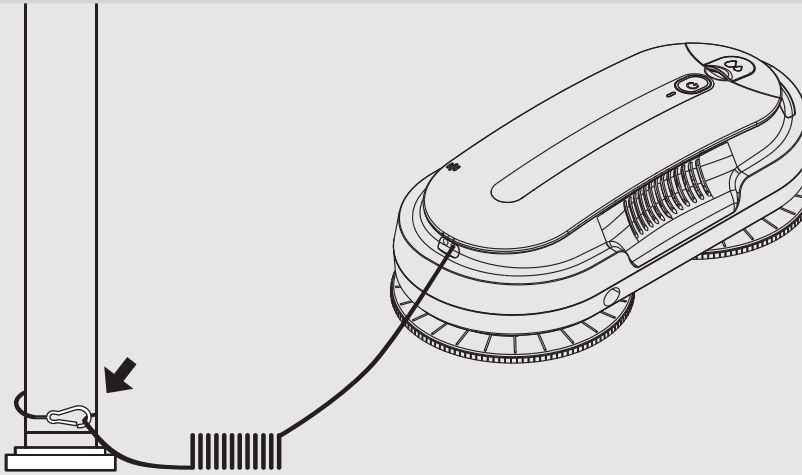
Fill the water tank and close it with the plug. This product must not get wet on the outside, so dry off any spilled water after filling.

Do not use concentrated cleaning liquid in this product. It will block the spray nozzles and the pump.



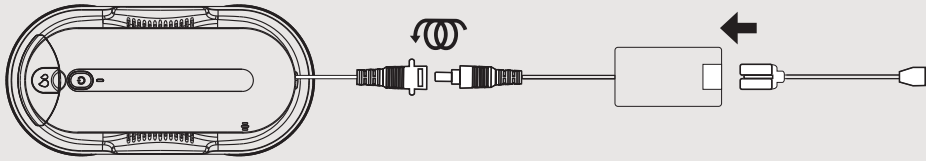
3. Attach the safety cable

Make sure the knob of the safety cable is fully tightened to the frame of the robot. Fasten the buckle end of the safety cable to a strong, fixed object that cannot be dragged, leaving enough slack for the robot to move across the glass.



4. Connect the power

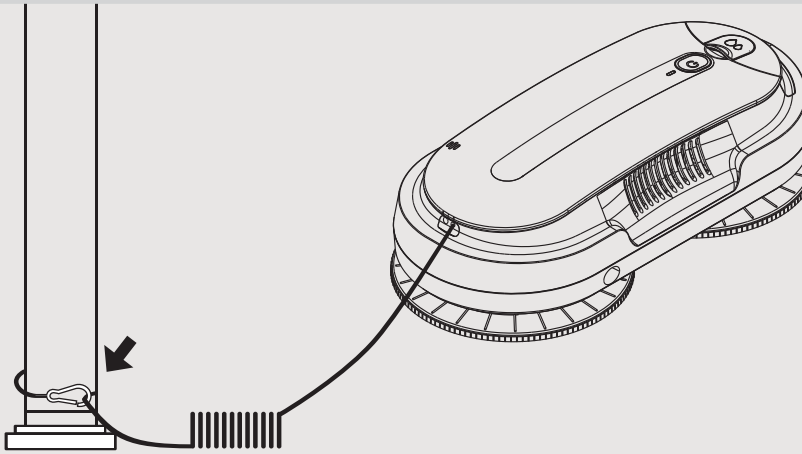
Insert the robot's power cord into the adapter and tighten the connection. Connect the AC lead to the adapter at one end and the mains socket at the other.



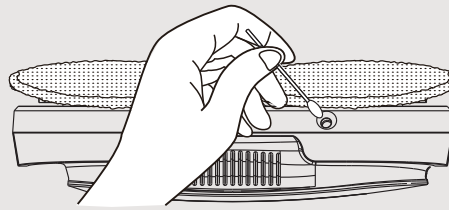
5. Switch on and attach to the glass

Press and hold the power button for more than 3 seconds to switch the robot on. Once you hear the fan running, place the robot on the glass, well away from the window frame. Make sure it has gripped the glass firmly before letting go.

If the robot will not grip the glass, check that the mop holders are clipped in properly, as a loose holder causes an air leak.



If the robot does not spray water: wipe the nozzle surface with a cotton swab. To test the spray function, restart the robot and hold it in your hand, top cover facing up, rather than placing it on glass or a table. Press and hold the small water spray button on the remote to test the left nozzle. Press and hold the strong water spray button to test the right nozzle.



INSTRUCTIONS AND CAUTIONS

Check the working environment

- Do not use the robot on cracked or broken glass.
- Make sure the glass surface is dry. Do not use the robot in the rain or when the glass is foggy or damp.
- Do not use the robot on glass with stickers or oil on the surface. The robot may slip and fall.
- If there is sand or dust on the glass, clean it off by hand first to avoid scratching the glass. If that is not possible, switch off the water spray and run the robot with dry mops to wipe off the sand and dust before wet cleaning.
- If working at height outside, put safety warnings in place at ground level to prevent injury to anyone below.

Safety rope

Check that the safety rope is intact and secured to a stable object before every use.

Wet and dry cleaning

- For ordinary dirt, the robot can wipe the glass directly with the water spray on. The spray is on by default.
- If the robot slips or twists while climbing, fit a dry mop and turn on the water spray.
- If the robot shakes or rattles badly, fit a dry mop.
- For small patches of stubborn staining, use spot cleaning with the water spray on.

Starting

- Check the power cord and plug are fully connected.
- Press and hold the power button for more than 3 seconds to switch on. Once the fan is running, attach the robot to the glass, away from the window frame, and make sure it has gripped before letting go.
- Short press the power button to start cleaning.

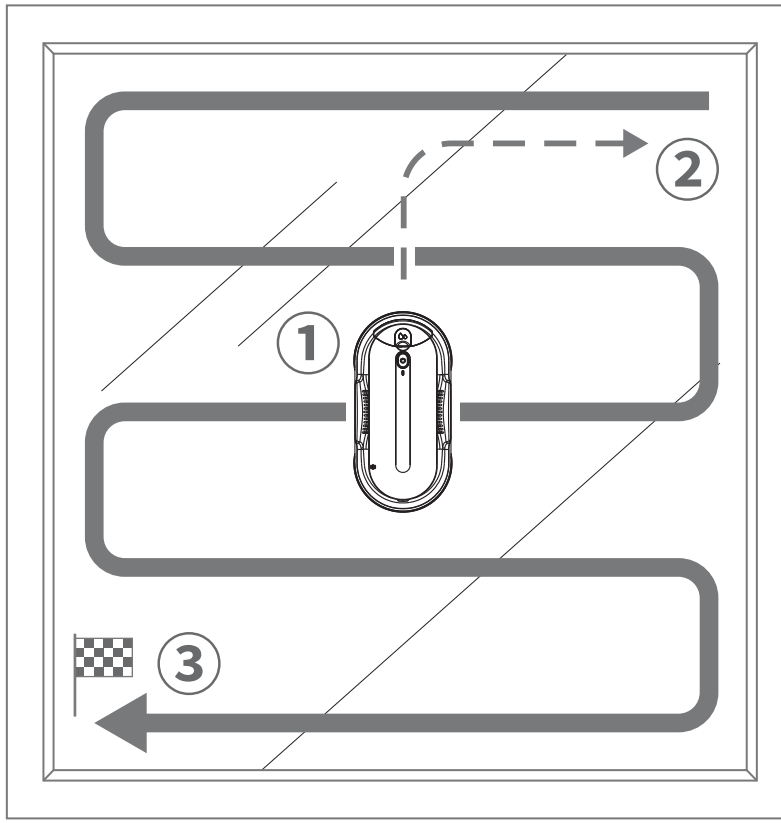
Removing the robot from the glass

- While the robot is running, hold the safety cable in one hand, short press the button to stop the robot and lift it off with the other hand.
- If you cannot reach the robot and do not have the remote to hand, stand close to the glass and gently pull the safety rope to draw the robot back within reach. Switch it off, then remove it from the glass.
- Once the robot is fully removed, press and hold the power button for more than 3 seconds to switch it off.

Power cut protection

The robot has an internal battery that will keep it on the glass for around 20 minutes if the power cord is accidentally disconnected. It will sound an alarm and flash a warning light. Take the robot down as soon as possible.
If the indicator light is red before you switch on, the internal battery is too low to start the robot. Leave it connected to the mains to charge until the red light goes out.

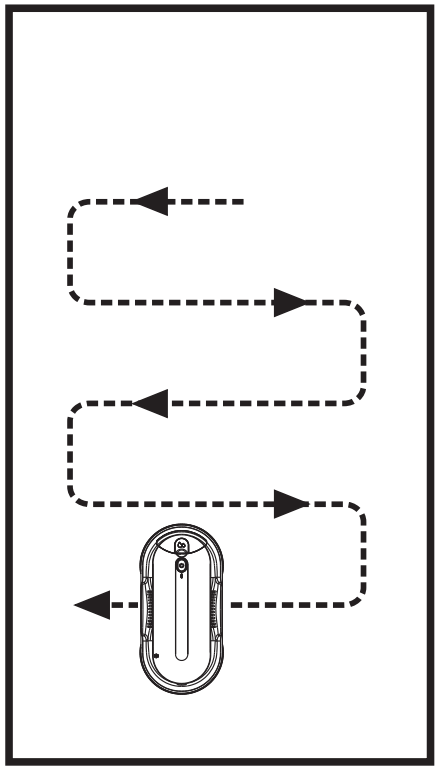
PATH PLANNING



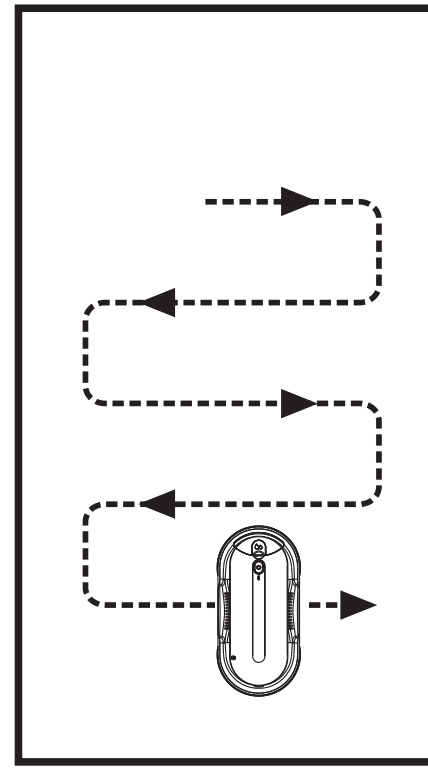
1. Place the robot in the centre of the glass, away from the window frame. Press and hold the power button to switch it on, then short press to start. The robot will move upwards, then to the right, until it reaches the top right corner of the glass. Tip: spray a little water onto the mops before starting.

2. From the top right corner, the robot cleans the glass in an S-shaped pattern from top to bottom. When the water spray is on, the right nozzle sprays as the robot moves right and the left nozzle sprays as it moves left.

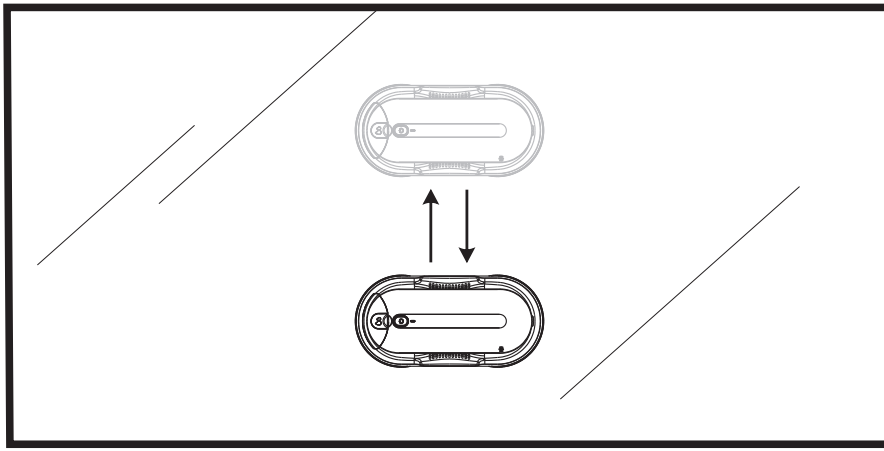
3. When cleaning is complete, the robot stops in the lower left or lower right corner, depending on the shape of the glass.



Clean left area and lower area



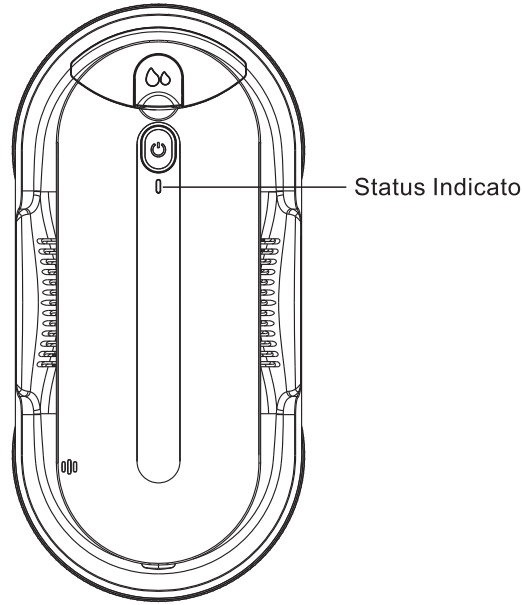
Clean right area and lower area



Spot cleaning:

Within an area you specify, the robot cleans up and down repeatedly. The remote also has buttons to clean the left and lower area or the right and lower area only.

LED INDICATOR AND SOUND MEANINGS



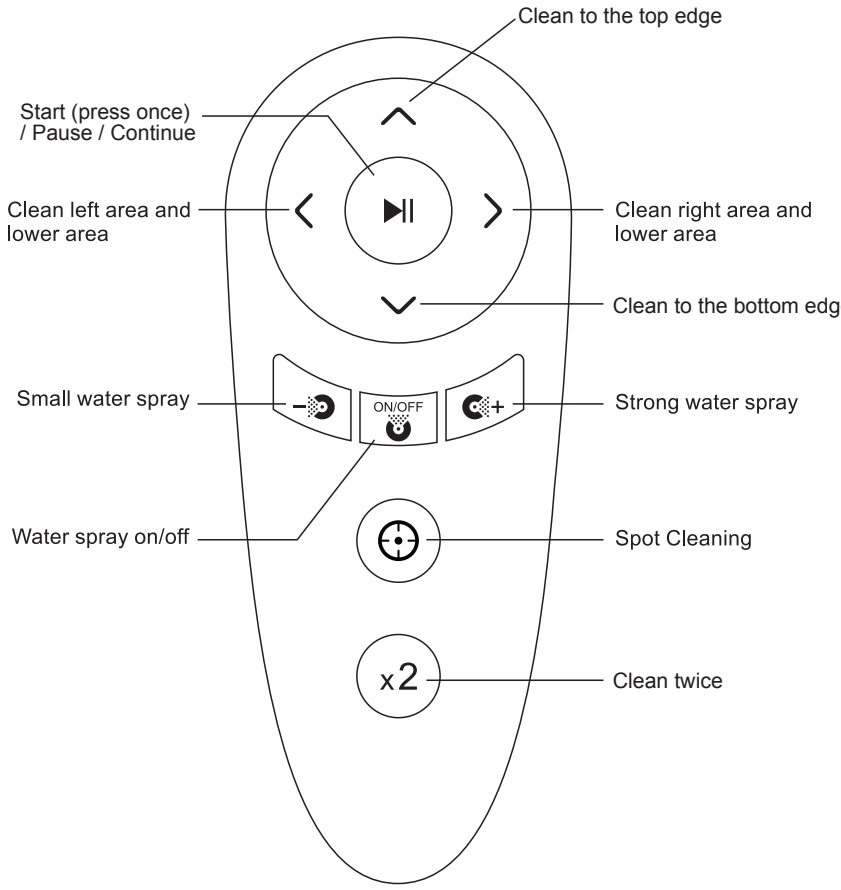
While working on the glass

Indicator	Meaning
Green light	Working normally
Green light with 6 long beeps	Window cleaning is complete
Red light flashing	A fault needs attention. Check the following: the robot has lost power, so reconnect the power supply or remove the robot from the glass; suction is too weak, so move the robot to a new position or check for an air leak; friction with the glass is too high or too low, so change the mop or spray a little water on the glass.
Red and green flashing alternately	Something has gone wrong. Switch the robot off and unplug it for a few minutes, then reconnect the power and switch it on again. If it still will not work, contact customer service.

While connected to power with the robot switched off

Indicator	Meaning
Green light	Internal battery fully charged
Green light flashing	Internal battery charging

REMOTE CONTROL



INSTRUCTIONS AND CAUTIONS

Model	X1
Voltage	24V
Power	72W
Current	300mA
Noise level	65dB
Size	288 x 139 x 78mm
Battery capacity	600mAh
Backup battery run time	Approx 20 minutes (remaining charge affects this)
Suction power	2200 to 3200Pa
Minimum glass area	300 x 300mm

WATER TANK MAINTENANCE

- Do not let water or solution spill out of the water tank. If it spills, dry the robot immediately to prevent water damage.
- When the robot is not in use, make sure the water tank is completely empty. If you have used a cleaning solution, pour it out, rinse the tank with a little fresh water and empty it fully.
- Make sure any solution you add is free of impurities, which can block the nozzle and pump.

TROUBLESHOOTING

The error indicator flashes red with short, continuous beeps. Check whether:

- The power cord plug is loose or damaged, causing a power cut or poor contact.
- The glass or mop is too wet, giving too little friction.
- The glass has debris stuck to it, giving too much friction.
- The mop holder is fitted incorrectly, causing an air leak.
- There is something sticky on the glass creating too much drag on the mop.
- The suction port is blocked.

The error indicator flashes red and green alternately with an alarm. This means an internal hardware fault. Contact customer service directly.

Other common issues:

- On unusual glass, cleaning the bottom section can take longer. Use the remote control to direct the robot.
- If the robot cannot move freely, change the mop or check that the screws on the cleaning roller have not come loose.
- If the mop holder shakes badly while the robot is working, check whether the mop is too wet and replace it with a dry one.
- There is a short delay before the water spray starts when the robot begins working. This is normal.
- If round marks are left on the glass after cleaning, fit a new mop.
- If the robot keeps moving after finishing a full clean and does not stop by itself, press the pause button and take it down.
- If the robot misbehaves occasionally during use, restart it.

The robot slides downwards while working. Check whether:

- The mop is too wet or too dirty. If the robot cannot recover after a moment, replace the mop with a dry, clean one.
- The mop is too dry and slipping. Turn on the water spray to dampen the mop and the robot will recover.

Causes of air leaks. Check whether:

- The mop holder is fitted correctly.
- The mop is sitting flat.
- The glass or surface is curved or has an uneven covering such as stickers.
- The robot has reached the window frame, which lifts the mop holder and causes a large air leak.

SAFETY



Usage requirements

- Do not let the robot get wet. Do not use it in the rain or on damp or foggy glass.
- Do not use it on cracked or broken glass. Confirm the window area is at least 30 x 30cm before use. Check for very narrow frames, bevelled frames, bevelled glass, frameless glass, or uneven, raised or leaking seams and gaps in the glass sealant. Use the remote control to guide the robot in these situations if needed. Use in these conditions is not recommended, or should be supervised, as an abnormal surface may cause the robot to fall.
- Make sure the safety rope is not damaged and is fixed to an immovable object before using the robot. When working at height outside, set up a safety warning at ground level to prevent injury from a fall.
- Always switch the robot off before cleaning its surface, to avoid injury from moving parts.
- Keep the robot and its accessories out of the reach of children and do not allow children to operate it. While the robot is working, keep fingers and all parts of the body away from it.
- Use the product as described in this manual. If you cannot resolve a problem, contact customer service. Do not attempt repairs yourself.
- Use only in home environments between 0°C and 40°C. In colder conditions, use anti-freeze glass cleaning fluid.
- Store the robot in a dry place out of direct sunlight. Do not store it near oil, gas or flammable items.



Battery and charging

- Do not use a third party adapter. Do not disassemble or modify the robot, battery or adapter.
- Keep the adapter away from heat sources.
- Do not continue to use a damaged or broken charger. Contact customer service.
- If storing the robot for a long period, fully charge it, switch it off and keep it in a cool, dry place. Charge it at least once every 3 months to protect the battery from over-discharge and a shortened lifespan.
- If shipping the product, use the original packaging with the robot switched off.

HOMEBOT®
— IRELAND —

www.homebotireland.ie