

AlfaBot

WINDOW CLEANING ROBOT WITH
DOUBLE-SIDED WATER SPRAY

USER MANUAL



AlfaBot X8

Thanks for your purchase. Any questions please don't hesitate to contact us, we will handle all your problem ASAP. Your feedback is vital to us! And we will always try to do better. For more details, please contact us by email alfabotus@hotmail.com (Write your Order #on the subject of the email, so that we can find your order and better assist your issue)

1. Safety Instructions

1.1 About the Scope of Product Application.

The product is suitable for cleaning all kinds of smooth surfaces, including glass, floor, ceramic tile, marble, etc.

* Do not use it on windows with broken silicone/rubber edges to prevent the window washing robot from losing suction and falling. The place and safety of use must be judged and responsible by the user.

1.2 Something You Need to Know before Use.

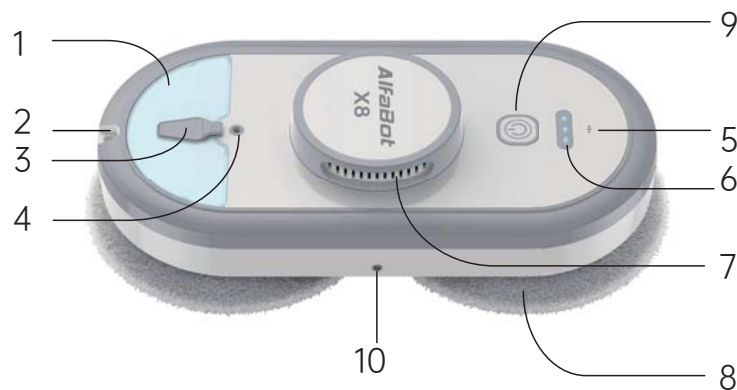
- Be sure to fasten the safety rope before use, and tie the safety rope to the indoor to avoid falling of the machine.
- Please check if the safety rope is damaged and the knot is loose before use.
- For glass doors and windows without a balcony, a hazard warning area must be set up on the ground downstairs, and people are prohibited from approaching.
- The machine must be connected to the power cord to be used normally.
- Try to use it when the built-in battery is fully charged (green light is on).
- Please turn on the power before placing the machine.
- When putting the machine on the glass, please make sure that the machine can be attached to the glass before letting go.
- Please take off the machine before turning off the power.
- Please be cautious when using on frameless glass.
- Make sure to put the cleaning ring on the cleaning wheel to avoid air leakage.
- Do not use in rainy or humid weather.
- Do not spray water directly on the machine.
- Do not let children use it.
- Remove the obstacles on the glass. It is forbidden to use it on cracked glass. When using reflective glass and coated glass, be careful to scratch the glass surface due to wind and sand.
- Do not let hair, clothing corners, hands, fingers and any part of the body close to the product opening or rotating parts.
- Do not allow the machine to inhale flammable liquids or gases such as gasoline, or use it near flammable liquids or gases.

2. Product Informations

AlfaBot X8 window cleaning robot it works with a built-in vacuum motor that helps it suck air and stand on the glass surface. An embedded Ups (Un-interrupted power system) prevents the robot falling from the window even when no electrical power.

AlfaBot X8 smart robot surface efficiently by the intelligent AI-technology path calculation with two wheels that freely traverse on the window surface or on wall surface. As well, it can be manually operated to clean under different modes from the remote control.

2.1 Introduction to Product Structure.



1. Water Tank
2. Safety Rope Hole
3. Water Injecting Hole
4. Power Interface
5. Warning Light Hole

6. Indicator Light Description
7. Exhaust Vent
8. Cleaning Cloth
9. Power Switch
10. Water Spray Hole

2.2 Product Features.

- Smart automatic water spray.
- Can wipe any thickness of glass.
- Artificial Intelligence Technology.
- Three directions of automatic mode, automatic cleaning of the whole window.
- Automatically stop after cleaning.
- Built-in uninterruptible power UPS system, which can maintain power for 30 minutes when the power is off.
- Anti-drop design.
- Automatically detect window frame.
- Manual remote control mode.
- Microfiber cleaning pads.
- High-strength safety rope, safety rope buckle.
- 2.4G wireless remote control operation.
- Power consumption: 80W, 100~240VAC, 50~60Hz











2.3 Technical Specifications

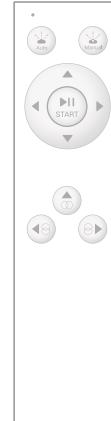
Model	X8
Item Size (L*W*H)	29.2*14.5*7.8cm/11.5*5.7*3.1inches
Net Weight	1.08kg/2.4lb
Package Size (L*W*H)	30*15.5*9cm/11.8*6.1*3.5inches
Package Weigh	2.1kg/4.6lb
Adapter Input Voltage	100-240VAC, 50Hz/60Hz
Adapter Output Voltage	24V/3.75A
Certification	UL, CCC, FCC, CE, TUV, LPS, BSMI, PSE, KC, RoHS
Power	80W
AC Power Cord	1.0M/3.3ft
DC Power Extension Cable	5M/16.4ft
Safety Rope	5M/16.4ft
Back-up Battery	4x lithium battery, 3.7V
Suction Maintenance Time After Power Failure	30 minutes
Cleaning Speed	2-4 minutes per square meter

2.4 Product and Accessories

- Window cleaner robot X 1 pcs
- AC power cord X 1 pcs (2 meters/1 7ft)
- Cleaning rings X 4 pcs
- Water bottle X1 pcs
- Remote controller X 1 pcs
- Cleaning cloth X 12 pcs
- Safety rope X 1 pcs
- Adapter (100~240VAC, 50~60Hz) X 1 pcs
- User Manual X 1 pcs

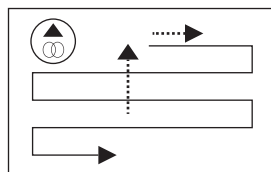
2.5 Remote Control Instructions

 Auto spray switch on/off	 Manually spray switch
 Automatically move up then down	 Manually move up
 Automatically move left then down	 Manually move down
 Automatically move right then down	 Manually move right
 Start/Stop Cleaning	 Manually move left

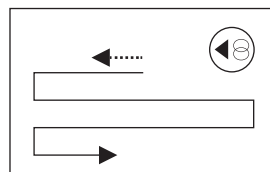


Remote control with 2.4G wireless technology, 360 degree full range, 15 meters long distance unobstructed control.

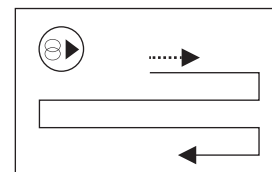
Three auto cleaning modes:



Auto Up then Down



Auto Left then Down



Auto Right then Down

2.6 Start/Stop Button



Power Switch Button

Long press the power button for 2 seconds to turn on/off the machine

One-Button Start

Press the button to start or pause the machine

2.7 Spray Function

The X8 window washing robot is equipped with two water outlets. It can spray water in 2 directions, spraying water to the left when going left or spraying water to the right when going right.

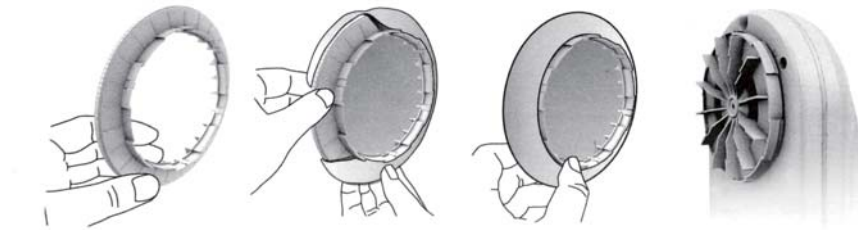
	Automatic mode	The robot walks two steps and sprays water once
	Manual mode	Press the manual spray switch each time, spray water once
Indicator of Auto/Manually spray water		Manually: indicator light always on Auto: indicator light flashing
Note: When the machine is turned on, it is in the automatic water spray state by default, and water is sprayed once every 2 steps.		

2.8 UPS (Uninterrupted Power System) Function

- (1) When the power is cut off, the machine will start the built-in battery power, which can maintain power for 30 minutes.
- (2) When the power is cut off, the machine will stay in place and will not move forward, and will emit a warning sound and the red/blue light will flash alternately. At this time, the user should retract the machine as soon as possible to avoid the power being run out and falling.
- (3) The safety rope can be used to gently pull the machine back; when pulling the safety rope, it should be as close to the glass as possible to avoid falling.

3. Steps for Usage

To work properly, the robot must always be connected to the power supply.

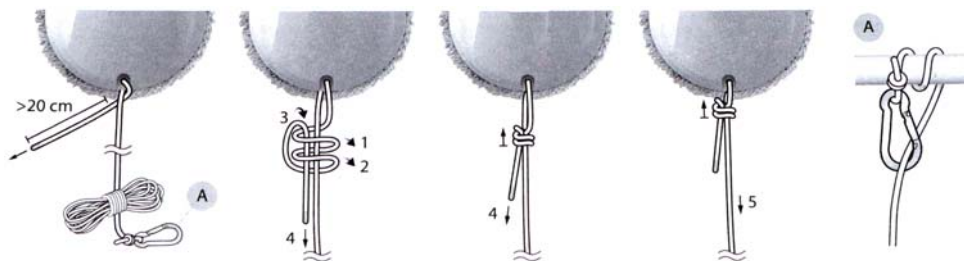


3.1 Install the Cleaning Pads and Cleaning Rings.

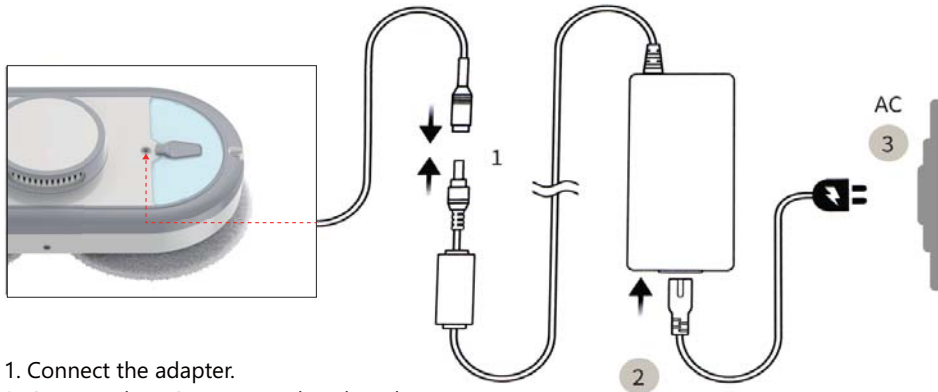
As shown in the below pic, make sure that the cleaning cloth is placed on the cleaning ring, and then the cleaning ring is correctly placed on the cleaning wheel to prevent air leakage from the machine.

3.2 Install the Safety Rope.

- (1) For glass doors and windows without a balcony, a hazard warning area must be set up on the ground downstairs, and people are prohibited from approaching.
- (2) Please check whether the safety rope is damaged and the knot is loose before use.
- (3) Be sure to fasten the safety rope before use, and tie the safety rope to the fixed objects in the house to avoid danger.



3.3 Connect Correctly.



1. Connect the adapter.
2. Connect the AC power cord to the adapter.
3. Plug the power supply into the socket.

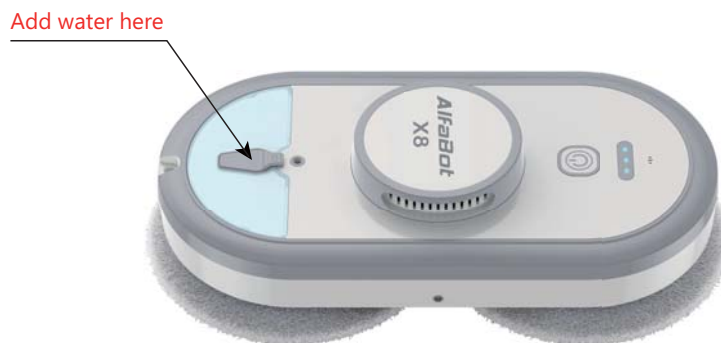
3.4 Charge the Back-Up Battery.

The machine has a built-in battery for backup power in case of power failure. Before use, please make sure that the battery is fully charged (green light is on).

- First turn off the power switch on the machine, after connecting the power cord, the red light is on to indicate the charging state.
- When the green light is on, it means the battery is fully charged.

3.5 Fill in Pure Water (You Can Add Cleaning Solution into the Water).






Only use clean water or clean solutions with pure water.



3.6 Attach the Machine to the Window.

- (1) Press and hold the power button for 2 seconds to start the machine and confirm the fan is rotating.
- (2) Put the machine on the glass, and some distance away from the window frame.
- (3) Confirm that the machine can be attached to the glass before letting go.

3.7 Automatic Cleaning Mode and Manual Cleaning Mode.

- (1) Choose the three automatic modes to (  ) automatically clean the entire window.
- (2) Press the button () to start/stop the machine.
- (3) Press the () to manually operate the machine.

3.8 Remove the Machine from the Window.

- (1) Grasp the window cleaner with one hand and turn off the power with the other hand (press and hold the power switch for 2 seconds).
- (2) Remove the window cleaner.

4. How to Clean Windows

4.1 Dry Wipe First.

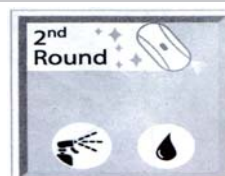
- The first time you wipe, you must "dry wipe" (turn off the water spray function and do not spray any water), and first remove the wind and sand on the glass surface.
- If you spray some water on the cleaning cloth or glass first, the water will mix with the sand and turn into yellow muddy water, and the wiping result will be poor.
- Use the machine in sunny or low-humidity weather, dry wiping works best.
- Do not use in rainy or humid weather, there will be white misty moisture traces.



※ If it's slipping on the glass , you can spray a little water on the cleaning pads ※

4.2 Then Wet Wipe.

Replace the clean cleaning pads, turn on the automatic water spray function or keep the upper cleaning wheel clean and dry. Spray a little water on the lower cleaning wheel (1~2 sprays are sufficient). Do not make it too wet, the completely wet cleaning pad will affect the machine Running.



4.3 Cleaning Tips

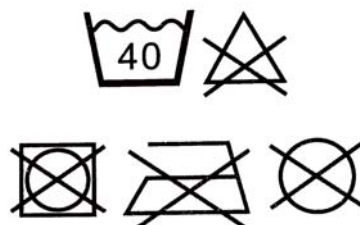
1. Wipe with a dry cloth first, then wipe with a damp cloth for best results. For the dirtiest glasses, you can wipe them several times to ensure the cleaning effect.
2. Do not get the cleaning cloth completely wet during normal use.
3. If the machine runs slowly, please replace the cleaning cloth.

5. Cleaning and Maintenance

Washing instructions for the cleaning cloth.

- Washing temperature is lower than 40°C (104°F).
- Do not use bleach.
- Do not use soft essence.
- Do not dry.
- Do not iron.
- Do not dry clean.

Maintenance frequency: after each use



6. Troubleshooting

1. Problems: The first use of the cleaning pads (especially on the dirty exterior windows) may cause the machine to run slowly or even unable to rotate.

Solutions:

- (1) When unpacking the machine, clean the cleaning pads and dry it before use.
- (2) Spray a little water on the cleaning pads or the surface of the glass to be wiped.
- (3) After the cleaning pads is dampened and wrung out, put it into the cleaning ring of the machine for use.

2. Problems: The machine will self-test when it works for the first time. If it fails to run smoothly and there is a warning sound, it means that the friction on the glass is too large or too small.

Solutions: Please check as follows

- (1) Whether the cleaning pads is too dirty.
- (2) The friction coefficient of glass stickers and matte stickers is relatively low, so they are not suitable for use.
- (3) When the glass is wiped very clean, the glass will be too slippery.
- (4) When the humidity is too low (air-conditioned room), the glass will be too slippery after wiping for many times.

3. Problems: When pressing the upward automatic cleaning mode, the machine cannot detect the upper edge of the window smoothly due to the slippage of the upper frame of the window.

Solutions: Please press the switch



to



or



auto cleaning mode.



4. Problems: The machine cannot clean the upper left position of the glass.

Solutions:

You can choose the manual window cleaning mode to wipe the parts that have not been wiped (sometimes the glass or cleaning cloth is slippery, the width of the wiped glass is large, and the top row appears to slip a little bit and the upper left position cannot be wiped).




5. Problems: The machine was unable to clean the window completely, and the window cleaning operation was completed early.

Solutions:

You can press  or  to continue the unfinished part in auto window cleaning Mode.

6. Problems: The possible reasons for slipping while climbing and unable to climb up.

Solutions:

- (1) The friction is too small. The coefficient of friction of stickers, heat-insulating stickers or matte stickers is relatively low.
- (2) The cleaning pads is too wet.
- (3) When the glass is wiped very clean, the glass will be too slippery.
- (4) When the humidity is too low (air-conditioned room), the glass will be too slippery after wiping several times.
- (5) When starting the machine (press  or  or ), place the machine at a distance from the window to avoid machine judgment errors.

7. Problems: The machine is not walking smoothly, there are possible reasons.

Solutions:

- (1) The cleaning pads is too dirty, please replace it with a new set of clean pads.
- (2) There are different areas on the glass surface (glass area, sticker area, heat insulation sticker area or matte sticker area), please use it in a single area.
- (3) The cleaning wheel screw is loose, please tighten it (do not lock it too tight, otherwise it may affect the glass glue at the bottom of the window frame is too thick or the performance of the beveled window frame).

8. Problems: After cleaning, the round streaks remains on the glass surface.

Solutions:

The cleaning pads is too dirty, please replace it with a set of clean pads and wipe it again.

9. Problems: The machine stops working due to a power failure and emits a warning sound and the red light flashes. How to deal with it?

Solutions:

- (1) Pull back the machine gently with the safety rope; when pulling the safety rope, try to be as close to the parallel glass as possible to avoid falling.
- (2) Turn off the power switch of the machine.
- (3) Check whether the wires are in poor contact or disconnected.

10. Problems: The machine stops when encountering an unknown obstacle, the red light is flashing, and there is no warning sound, how to deal with it?

Solutions:

- (1) Remote control the machine to a safe location. or use the safety rope to gently pull back the machine; when pulling the safety rope, try to be as close to the parallel glass as possible to avoid falling.
- (2) Eliminate obstacles on doors and windows.
- (3) Check if there is any cause of air leakage.

11. Problems: It leaves streaks when illuminated at night?

Solutions:

For the first cleaning, turn off the water spray function and use a clean cloth to remove wind and sand. Wipe for the second time, clean and replace with a clean cleaning pads, turn on the water spray function or keep the upper cleaning wheel clean and dry, spray a little detergent or alcohol (1~2 sprays is sufficient) on the lower cleaning wheel, not all wet, it can eliminate the streaks, a completely wet cleaning pads will affect the operation of the machine.

12. Problems: The machine has cleaned all windows, but it cannot stop automatically.

Solutions:

Please press the button  to stop the working.

7. Warranty

If the product does not work properly due to internal component problems within one year from the date of sale, you can contact the seller to repair it for free.

Contact us

If you receive a defective item or have any problems with this item, please email us at alfabotus@hotmail.com

- Amazon Order ID
- Short description or videos of the defect

Warning Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

Note: 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.