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HOME & GARDEN

Ecovacs Winbot W2 Omni robot window cleaner review

THIS ROBOT PROVIDES HANDS-FREE WINDOW CLEANING—IS IT WORTH IT?



Written and Tested by Jonathan Chan, senior manager of lab operations with a decade of experience testing products. Updated June 18, 2024

I don't do windows. It's a phrase that we've all heard and for good reason—windows are hard to clean. That's why the idea of the **Ecovacs Winbot W2 Omni** (available at Amazon for \$499.95) is so intriguing. It's a robot that can suction onto glass and clean tirelessly with a damp microfiber cloth and a tank full of water. We put the Winbot W2 through its paces and found it up to the task of wiping down windows. It has a lot of good features like a motorized tether and the ability to operate indoors and out. However, it has a very niche appeal. Perhaps if you have a ton of tall windows or you are unable to clean your glass shower doors, then it's worth investing in the Winbot. Using a good **glass cleaner** and a little elbow grease is still more efficient.

\$499.95 from Amazon

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About the Ecovacs Winbot W2 Omni

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About the Ecovacs Winbot W2 Omni



The Ecovacs Winbot W2 Omni provides hand-free window cleaning.

Coverage: 592 square feet
Battery life: 110 minutes
Noise level: ~63dBA
Water capacity: 60 ml

Cleaning modes: Deep Cleaning, Fast Cleaning, Edge Cleaning, Remote Control

The Ecovacs Winbot W2 Omni is a window-cleaning robot that latches onto glass with 5,500 pa of suction power. It navigates via an optocoupler sensor and Win Slam technology that allows it to clean up to .2 millimeters from the edge. The Winbot W2 has a variety of cleaning modes including, edge-to-edge and spot cleaning which can be selected via the Ecovacs Home App.

What we like about the Ecovacs Winbot W2 Omni

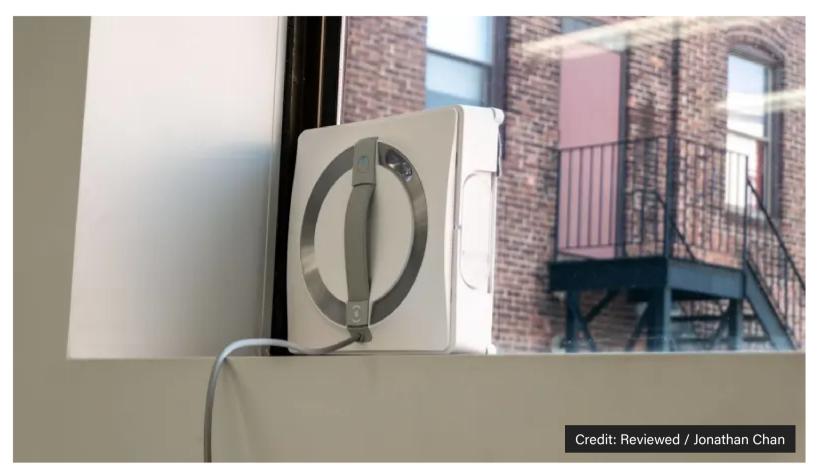
This window cleaner is simple to use

The vast majority of the Winbot W2's functions boil down to pressing three buttons. You press the power button to activate the unit. The suction button commands the robot to cling to glass. When you're done, you press the retract button to automatically reel the teether back in.

You also have to add water to the tank that feeds the wide-angle spray nozzles. Ecovacs provides a squeezable bottle with a spout to fill the tank. Finally, the Winbot comes with two microfiber cloths that you dampen before use.

All in all, we found the operation of the W2 easy to understand and master. You don't want a robot to be more complicated than the chore it's replacing.

Edge-to-edge cleaning



The Win Slam technology allows the Winbot to clean from edge to edge.

When you have tall windows or even a glass shower door, it can be hard to wipe the corners properly. The Winbot W2's shape and Win Slam navigation system allow it to clean up to the edge of most window frames. We tested the window-cleaning robot on a number of panes and observed full coverage on all of them.

Our tests included cleaning hard water stains and a bit of grease. The W2 removed all the hard water stains. There were a few smears of the grease left after a single run, but with a push of a button, the Winbot went for a second round and it was all good.

Easy Storage



The Winbot W2 collapses into a neat and mobile package.

The power cord, the water bottle, and the unit itself all fit neatly into a docking station. The station has a handle so it's easy to move the Winbot where it needs to go. It's a clever design choice because most people don't need to clean their windows that often so making it easy to store in a closet is a must.

What we don't like about the Ecovacs Winbot W2 Omni

Needs supervision

The W2's climbing system suctions it to glass and uses treads to maneuver. When the cleaning cycle is done, the W2 returns to the original spot where you adhered it and remains there. That's perfectly logical, but it also means the Winbot burns through its battery while idling so you can't leave it to wash your windows while you're away at work.

In one test, we set the W2 to clean a glass conference room. The panes of glass went from floor to ceiling. The problem was that there were small gaps between the panes, which caused the Winbot to lose suction. To its credit, the unit didn't fall, but it did stop moving and threw up an error code—ten feet off the ground. This issue is something worth considering if you're buying this window cleaner for accessibility reasons.

Super niche

Our research and testing all point to the Winbot W2 Omni being the best domestic robotic window cleaner on the market. It has better edge detection, strong water pressure, and a streamlined design. However, we also can't deny that most homes can't make good use of it. Interior grilles, gaps in panes, and textured glass all throw a sizeable wrench in Winbot's operation.

Ecovacs's advertisements show the W2 cleaning the outsides of windows on high-rise buildings. However, people who live high-rise buildings can afford cleaners or have windows that don't open at all.

Should you buy the Ecovacs Winbot W2 Omni?

No, it's too niche for an overall recommendation

If you have multiple tall windows that are a pain to clean, then the W2 Omni is worth checking out. However, for the average home, that's not going to be the case. Attaching and reattaching the unit is very simple, but tedious. The cleaning performance is on par with a moderate effort from a person. These two factors limit the number of scenarios where the W2 is super useful. It's a fun novelty, but lacks the constant utility of a robot vacuum and mop, like the **Ecovacs Deebot X2 Omni**.



Ecovacs Winbot W2 Omni

\$539.99

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