

The New Era of Window Cleaning Robot, HOBOT-R3, Makes Its Debut with A Dual Ultrasonic Spraying System



HOBOT Technology Inc., the leading robotic cleaning product maker based in Taiwan, today announced the launch of the latest window cleaning robot, HOBOT-R3 — a high-end model in round style to sport more advanced features, such as a dual ultrasonic spraying system, strong suction-based power, AI-controlled routes, pressure change sensors for window frame detection, personalized voice prompt, and multiple safety measures, which establishes a new high for robotic window cleaner genre.

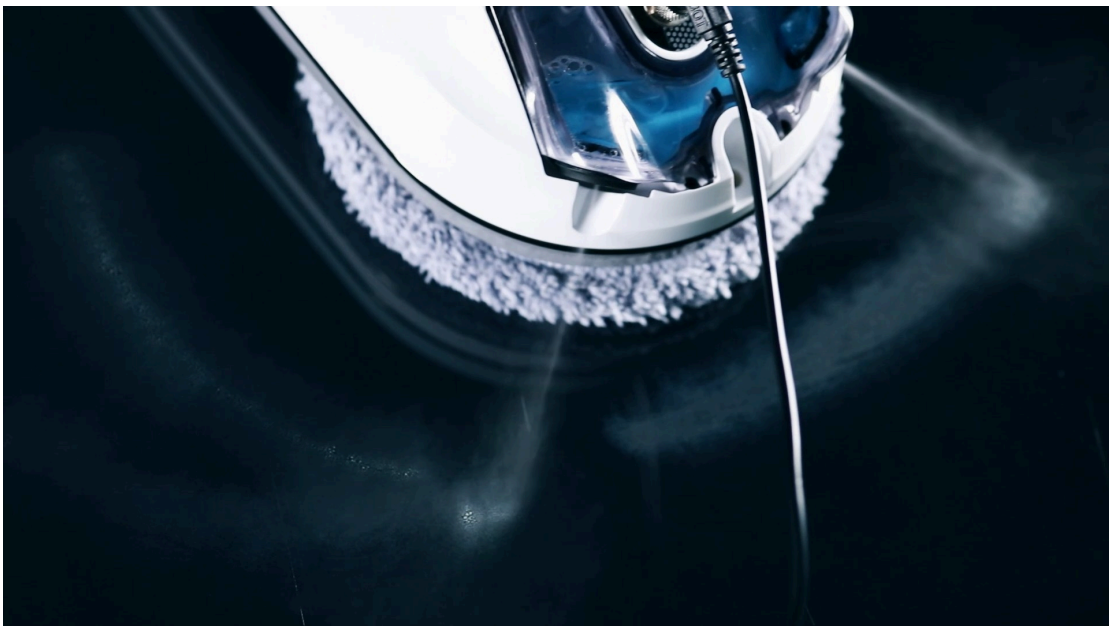


Advanced technologies for a perfect cleaning performance

As a benchmark in the field of smart home appliances, HOBOT-R3 comes with a dual auto-spraying system that can generate 15um nano-spray to dissolve the stain on the glass. This innovative design comes from biomimicry concepts, imitating human to exhale

a breath on the window surface then remove the resolved dirt before the water is evaporated. Not just a simple sprayer, the dual spraying system is able to make pre-sprays on the window surface to increase friction as HOBOT-R3 goes up on the vertical surfaces to restore the bright and shine on the window. The most exciting experiment is that it consumes only 1.3ml water per 1m² of window cleaning, contributing to energy conservation.

Designed with the idea of Newton's third law of motion and coefficient of friction, the two round microfiber cleaning pads spin in counter directions to imitate the hand gesture of people cleaning glass with 5kg vacuum power to deliver an effective window clean. The dual spinning cleaning cloth and the auto-spraying design of HOBOT-R3 works seamlessly, not only suitable for a wider variety of surfaces and any thickness of glass but also on large windows that required more time and continuous water supply for streak-free cleaning.



User-friendly designs with more fun

There are three methods of controlling HOBOT - the HOBOT App, the remote control or the on-device button. While the conventional window cleaning robots use the buzz alert to prompt different status, HOBOT-R3 has already pushed ahead with the additional voice prompt to relay important information, reduce the chances of critical failure. It also has a delightful feature called Creative Voice, which allows the users to replace the default voice with the personalized ones. Not only does it during the cleaning process, but also every 3 months HOBOT-R3 will auto-remind the users to clean the window through the HOBOT App, which always benefits maintaining the glass cleanness and the battery lifespan. In addition to enjoying the friendly reminder, the users can experience the up-to-date features through the firmware update over-the-air.



Stay safe anytime, anywhere with multi-measures

Even as a newer smart home appliance, HOBOT-R3 is still equipped with multi-safety measures to ensure no accidents, such as an extra screw on the DC power connector to secure the power connection. Moreover, a series of initialization check will be triggered every time before HOBOT-R3 starts a new cleaning task. Regardless of what's happening during its cleaning task, simultaneously, the App will pop up notifications to alert the users of any un-expected occasions, the embedded UPS system will keep HOBOT attached steadily on the window for 20 minutes with alerting sound to reduce the risk of the robot falling; and a safety rope to hold HOBOT and endure up to 200kgf impact in case of falling.