



HARPALYK is an advanced smart-appliance technology brand specializing in AI-driven, robotics-enabled systems. HARPALYK was established with the objective of translating core robotic architectures, autonomous control systems, and intelligent perception technologies into practical, real-world applications.

HARPALYK's PRODUCT ECOSYSTEM



Autonomous Robotic Vacuum Systems
with AI-based navigation and SLAM



Robotic Swimming Pool Cleaning Platforms
with adaptive path planning



Duct Inspection & Cleaning Robots
for confined and complex environments



Autonomous Grass-Cutting Robots
utilizing intelligent terrain mapping



Automatic Glass Cleaning Robot



And Other Intelligent Robotic Solutions



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Intelligent Water **Spray** Window Cleaning Robot



Advanced Automation • Precision Cleaning • Maximum Safety

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Key Features & Technologies

- **Dual Intelligent Water Sprinkler System:**

Equipped with a double water spray mechanism for uniform wet mopping and superior stain removal.

- **Intelligent Path Planning Algorithm**

Ensures systematic movement with **high coverage cleaning**, eliminating missed areas and dead corners.

- **High-Precision Opto-coupler Sensors**

Sensitively detect glass edges, making the robot suitable for both **framed and frameless glass surfaces**.

- **Powerful Suction System – 3000 Pa**

Provides strong and stable adhesion to glass surfaces, ensuring safe and reliable operation without slipping.

- **Anti-Fall Safety Technology**

Built-in opt coupling sensors detect frameless edges in real time and automatically retreat to prevent accidental falls.

- **Large Capacity Automatic Water Tank**

Electronically controlled water tank enables automatic water spraying, eliminating the need for frequent manual spraying.

- **Effortless Removal of Stubborn Stains**

Effectively cleans: Water and rain stains, Dust, ash, and smog residue, Bird droppings, Ink and cosmetic stains, Toothpaste, beverage, and watercolor pen stains, General dirt and pollution marks. All without damaging the glass surface.



Intelligent Path Planning

High coverage, without leakage

Inner Layer

High composite
viscosity silicone

Mesosphere

Highly elastic
composite rubber

Outer Layer

Strong
friction gear

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Safer Window Cleaning with Anti-Fall & Smart Frameless Detection.



Equipped with an advanced anti-fall system, the robot ensures maximum safety while cleaning. When operating on windows with frameless edges or areas without support, intelligent sensors accurately detect the edge and automatically retract in time to prevent falling.

This smart detection technology makes window cleaning safer, more reliable, and worry-free.

Whole house windows

Seamless wood grain ceramic tiles

Smooth ceramic tiles

bathroom mirror



AI Intelligent Chip

Dual Water Spray

Fixed-point Cleaning

Updated Laser Sensor

Smart Memory

4 Cleaning Modes

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3000PA Strong Suction

Large Capacity Water Tank

Harpalyk



Easily erase various types of stains



Water stains



Rain stains



Dust



Dust Ash



Bird poop



Ink stains



Cosmetics



Dirt stains



Smog stains



Toothpaste
stains



Beverage
stains



Stains of
water-color pen

"Insufficient water in the water tank,
please add it in a timely manner"



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Microfiber Cleaning Cloth

Delicate care for glass

Without damaging the glass while removing decontamination



Multi-surface Application in Different Scenarios

Easily applicable for various kinds of facades,
high cleaning coverage without missing dead corner



framed/frameless/
double/vacuum glass



seamless mirror tile/marble



home vanity mirror/floor mirror



Product Size
215X215X80MM

Product Name
Smart Window
Cleaning Robot

Product Mode
C2

Product Color
White

Cleaning Cloth
Microfiber

**Power Failure
Protection**
Yes

**Frameless
Detection**
Yes

Rated Power
72W

Rated Voltage
24V

Cleaning Mode

Automatic cleaning mode / N path cleaning
mode / Z path cleaning mode/ N+Z path cleaning mode

Suction Power
3000Pa

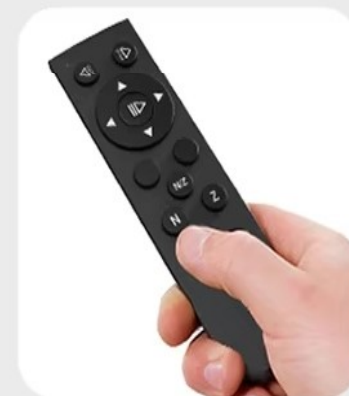
Remote Control
YES

Exquisite Details Enjoy a smart life



3000Pa suction power,
secure attachment and
without falling off

With remote control to operate,
easily start working
with one-press



Protection of Safety Rope with
100KgMPa, to ensure the overall
safety of window cleaning

Package Included



The Robot



Power Adapter



Safety Rope



Remote Control



User Manual



Cleaning Cloth



Water Injection
Bottle



Empty Spraying
Bottle

LUXURIOUS DESIGN. SPOTLESS RESULTS.

Redefining Window Cleaning
with Innovation & Elegance.



POWERFUL SUCTION

3000Pa

Strong suction for a secure grip
on all glass surfaces.



AI SMART NAVIGATION

Intelligent path planning for
thorough & efficient cleaning.



THICKER ULTRA-SOFT MOP

High-speed rotating mops
remove dirt effectively.



MULTI SAFETY PROTECTION

backup power, safety rope
& anti-fall sensors.



WHISPER QUIET

Low noise operation for a
peaceful environment.



SMART APP CONTROL

Control, monitor & customize
cleaning from your smartphone.



SAFE
RELIABLE



PREMIUM
QUALITY



24/7
SUPPORT

Product Specifications:		
1	Power Adapter	Input: 100-240~50/60HZ 1.5A; Output: 24V/3A
2	Power	72 W
3	Suction	3000Pa
4	Cleaning Path	Automatic return to starting point after finished cleaning
5	Alarm	Light Indicator and Buzzer
6	Back Up Battery Charging Time	1 hours
7	Power-off Protection	Yes
8	Dust Collection Bucket Capacity	3L
9	Clean Speed	6.5m / mins
10	Anti Fall Off Detection	Safety Rope
11	Clean Mode	N , Z, N+Z
12	Remote Control	Yes, Infrared Remote Controller and APP.
13	Gyro Sensor	Yes
14	Wheel Automatic Cleaning	Yes
15	Dimension & Weight	245*245*80 mm & 1.5 Kgs



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