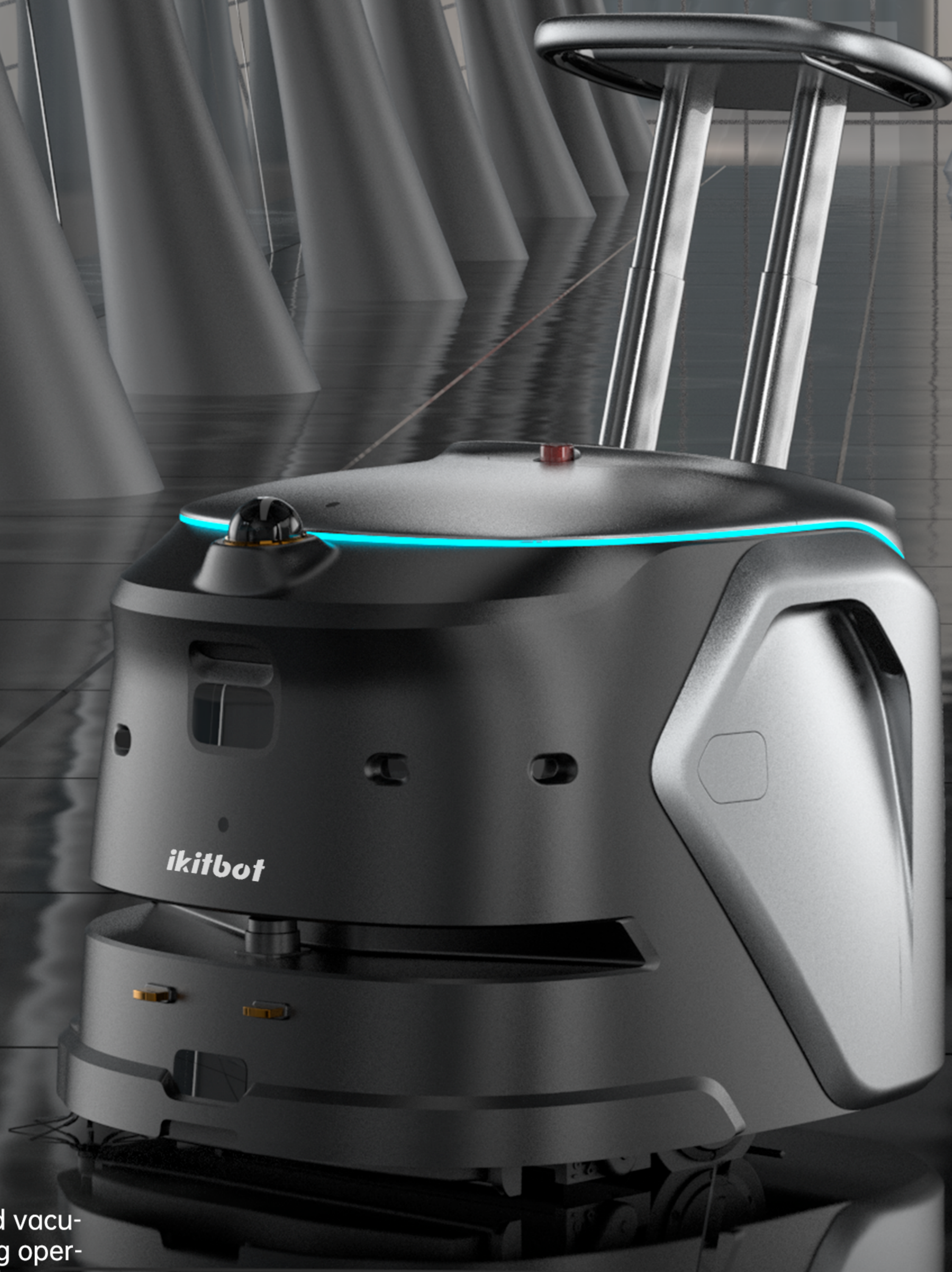


ikitbot

ONE S55 Ultra Redefining Intelligent Floor Care



All-in-One Cleaning System

Sweeping, scrubbing, mopping, and vacuuming in a single pass — simplifying operations and shortening cleaning cycles.



Precision Navigation with 50m LiDAR

Industry-leading long-range 3D LiDAR and multi-sensor fusion ensure accurate mapping and stable navigation in even the largest facilities.



Autonomous Water Station

Fully automated refill, drainage and detergent dosing — enabling true hands-free, multi-floor operations.



97% Dirty Water Recovery

iKitbot's innovative chassis design ensures maximum hygiene, faster drying, and slip-free safety.



Patented Quiet Operation (55 dB)

Operates with ultra-low noise, maintaining comfort in hotels, offices, and other noise-sensitive environments.

Smarter, Cleaner, Safer — iKitbot Ultra for Every Space.

Supporting Features

Extended Operation

AI-powered mode switching delivers uninterrupted, large-area coverage without manual intervention.

Adaptive Cleaning Strategy

Adjustable paths overlap and water output optimize cleaning performance while conserving water and detergent.

Advanced Obstacle Recognition

15 integrated sensors with fusion algorithms detect suspended objects, transparent glass, and other challenging hazards.

QR Code Positioning

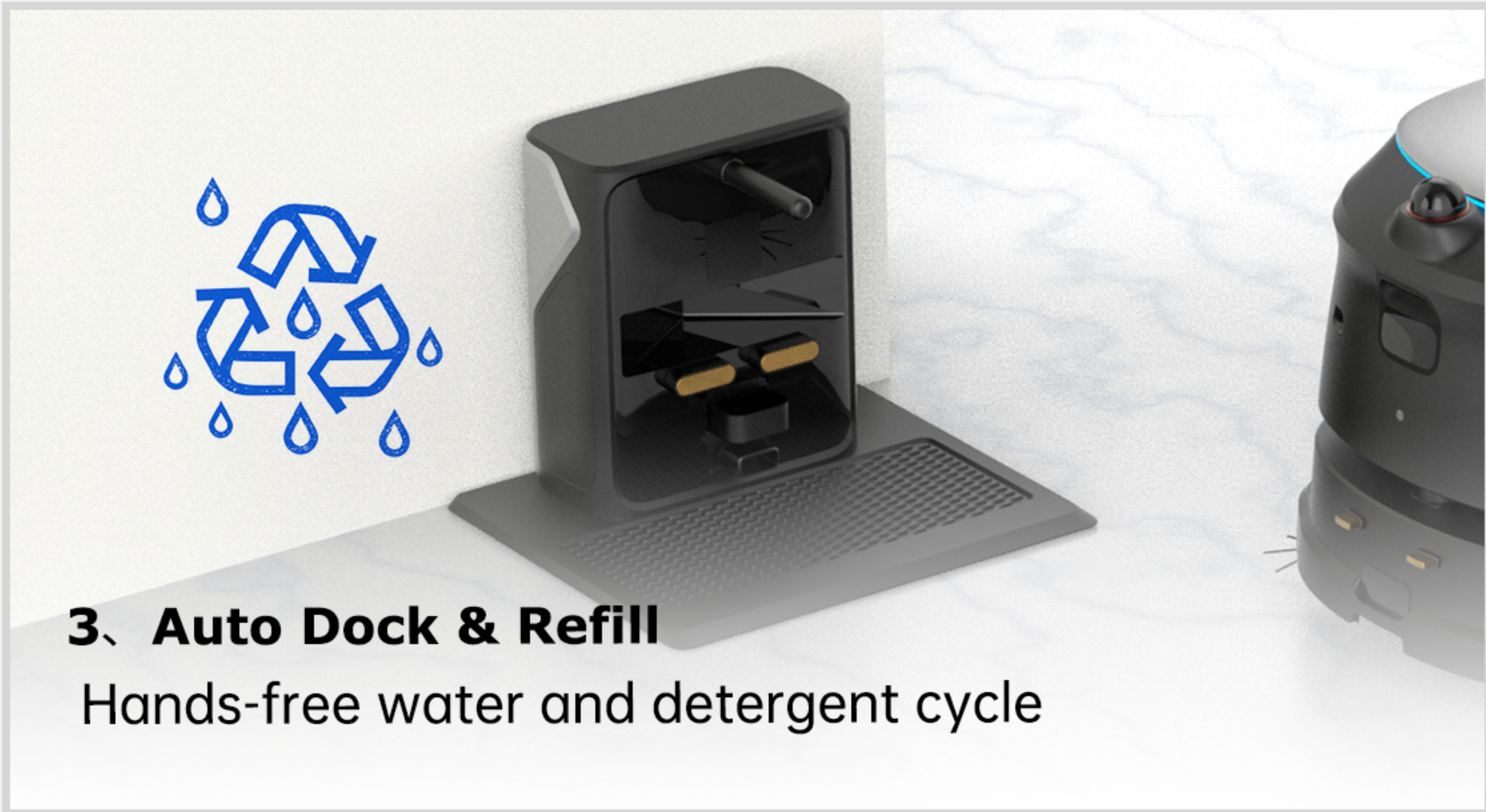
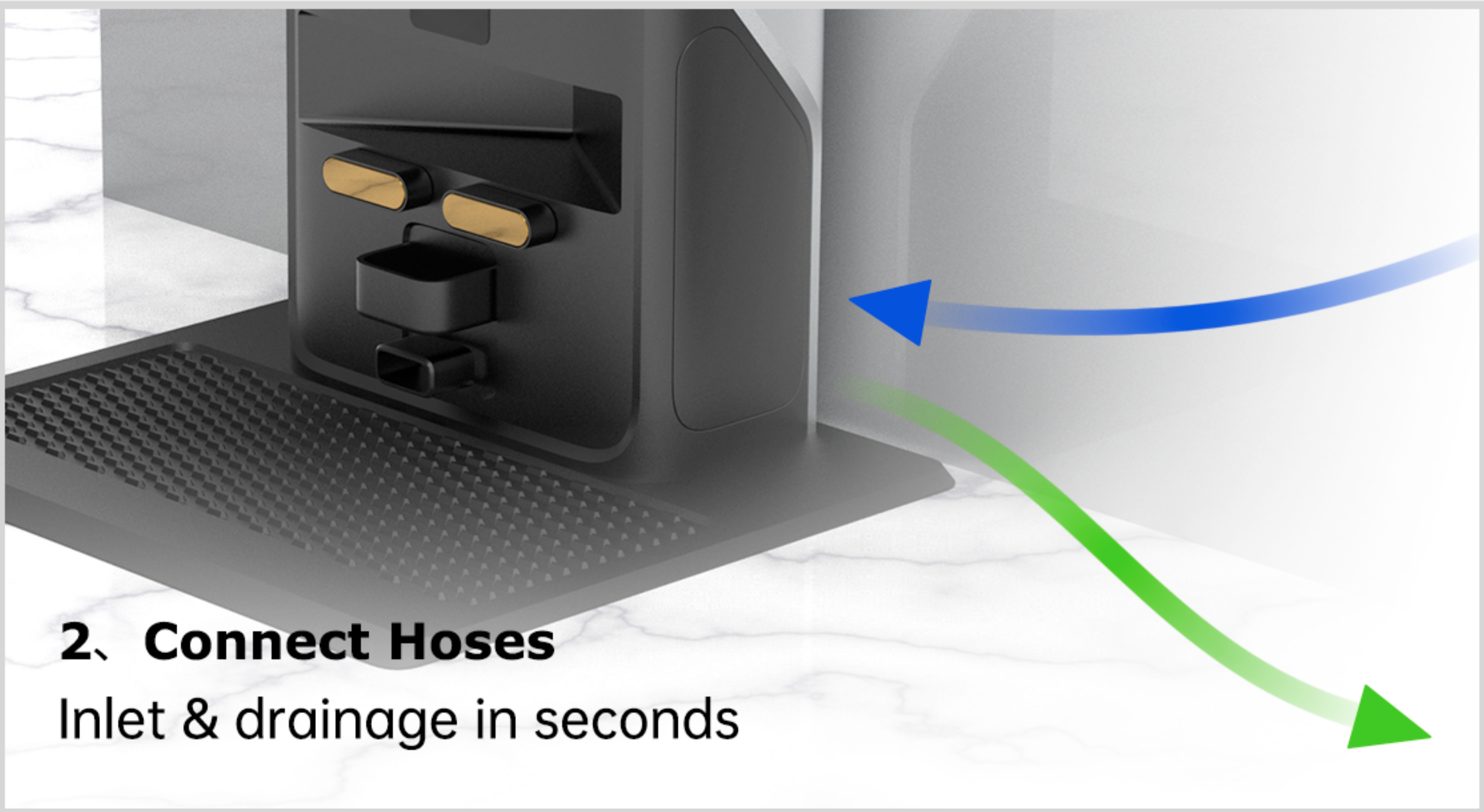
On-site QR marker recognition enhances localization and recovery in GPS-denied or repetitive environments.

Quick-Maintenance Design

Tool-free removal of dustbin and squeegee reduces service time and keeps operations running smoothly.

Parameter	Specification
Minimum Passage Width	650 mm
Cleaning Modes	Sweep / Scrub / Mop / Vacuum/ UVC/ Self-Cleaning
Noise Level	55 dB~
Water Recovery Rate	97%
Working Time	4.5 h
Navigation System	3D LiDAR + Multi-sensor Fusion
Weight	70kg
Water Tank Capacity	Clean 18L / Dirty 15L
Charging Time	4h
Connectivity	Wi-Fi / 4G

Autonomous Water Station Workflow



iKitbot delivers practical, high-performance service robots for real-world industrial and commercial environments.
Certificates: ISO 9001, CE, FCC, UL, PSE, TELECOM, CB, IEC, and RoHS.

For partnership and distribution inquiries please feel free to contact us.

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