



GEROBO
INTERNATIONAL
Authorized Distributor Partner



Vacuum 40 / Diffuser
Your Robotic Vacuuming Expert



SMART AND VERSATILE

Thorough cleaning and air purifying

Vacuum 40 is a thorough cleaner. It could clean along the edges at zero distance supported by side brushes and high-precision sensors, and effortlessly pick up fine dust and debris with a 24KPa suction motor. An optional diffuser kit could be equipped on the robot either for atomizing disinfection or aroma diffusion. It creates pure air with pleasant scents with its medical-grade H13 HEPA filter and aroma atomizer.

- Powerful edge cleaning
- Dual-purpose diffuser kit (optional)
- 24 kPa Powerful suction
- H13 HEPA filter

CLEANING MADE EFFORTLESS

Simplify your work process

Vacuum 40 will make cleaning much easier with little need for human interference. It perceives environmental changes, updates the map and reroutes itself in real time — you don't need to stand by to save it from getting stuck. With the optional charging dock the robot to can perform power charging by itself. It also offers remote access via Gausium mobile app that enables you to monitor and control your cleaning task from anywhere.

- Smart obstacle avoidance and rerouting
- Remote-control mobile app
- Auto charging docking station

BUILT TO LAST

Create long-term value

Vacuum 40 is made of enduring, easy-to-recycle materials. It adopts LFP batteries with a long lifespan of 2,000 cycles. Both the sanitizing atomizer and the scenting atomizer of its diffuser kit feature an ultra-long lifespan, lasting 5,000 hours and 8,000 hours respectively.

- 2,000-cycle LFP batteries
- 5,000-hour sanitizing atomizer
- 8,000-hour scenting atomizer

Key Features:

➤ 3-in-1 Cleaning

Integrating vacuuming, sweeping, dust mopping

⚗️ Adaptability

Working perfectly on varying flooring types, be it a hard surface, a low pile carpet or a high pile carpet

🌀 24 KPA Powerful Suction

Strong suction performance — effortlessly picking up fine dust and debris

💎 Sanitizing / Scenting (40 Diffuser)

Optional diffuser kit for atomizing disinfection and/or aroma diffusion

📏 Zero Distance from Edge

Able to clean along the edges zero-distance-close with side brushes and high-precision sensors

🌿 H13 HEPA Filter

Medical-grade air purifying capability



Superb performance in a broad range of applications:

Hotels | Office buildings | Hospitals | Schools | SME markets Pavilions | etc.



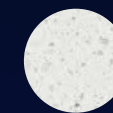
High Pile Carpet



Low Pile Carpet



Natural Stone



Artificial Marble / Granite



PVC & Vinyl



Epoxy



Ceramic



Hardwood

SPECIFICATION

DIMENSION

| | |
|----------------|----------------|
| Length | 700mm 27 in |
| Width | 720mm 28 in |
| Height | 875mm 34 in |
| Unladen Weight | 80 kg 176 lb |
| Cleaning Width | 400 mm 15 in |

CLEANING

| | |
|----------------------|---|
| Max. Productivity | 1200m ² /h 12,916 ft ² /h |
| Max Air Flow Volume | 2m ³ /min |
| Dust Bag | 12 L 3 gal |
| Max. Trash Size | ø 10x50 mm ø 0.4 x 2.0 in |
| Trash Tray | 2.5 L 0.6 gal |
| Max. Vacuum Pressure | 24 kpa |

MOVEMENT

| | |
|------------------------------------|--------------------|
| Gradeability (Autonomous Cleaning) | 4° |
| Gradeability (Autonomous Driving) | 8° |
| Max. Moving Speed | 1 m/s 2 mph |
| Min. Distance from Wall | 0-20 mm 0-0.7 in |
| Max. Passable Obstacle Height | 80 mm |
| Min. Passable Width | 870 mm 34 in |
| Min. Turn-around Width | 1,100 mm 43 in |

ELECTRICAL

| | |
|-------------------|------------------------|
| Battery Type | Lithium Iron Phosphate |
| Battery Capacity | 60 Ah |
| Rated Voltage | 24 VDC |
| Max. Output Power | 1,000 W 1.34 hp |
| Charging Time | ≈2 hours |
| Uptime | ≈3-18 hours |

SENSING

| | |
|----------|--|
| Standard | LiDAR, 3D Depth Camera, 3D ToF Camera, Anti-drop Sensor, Air Pressure Collision Sensor |
|----------|--|

SANITIZING

| | |
|--------------------------|---|
| Atomized Particle | 1-5 micron |
| Atomization Type | Ultrasonic |
| Container Capacity | 4 L 1.06 gal |
| Max. Atomization | 1.5L/h 0.4 gal/h |
| Atomizer Lifespan | ≥ 5,000 hours |
| Recommended Disinfectant | Hypochlorous acid, QAC disinfectant, etc. |

SCENTING

| | |
|--------------------|----------------------|
| Atomization Type | Air compressor pump |
| Max. Atomization | 6 mL/h 0.002 gal/h |
| Container Capacity | 500 mL 0.13 gal |
| Atomizer Lifespan | ≥ 8,000 hours |
| Recommended Aroma | Essential oils |

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