



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 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.

- Auto brush height adjustment based on flooring types
- 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 scented 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 scented atomizer

Key Features:

➤ 3-in-1 Cleaning

Integrating vacuuming, sweeping, dust mopping

❖ Sanitizing / Scenting (40 Diffuser)

Optional diffuser kit for atomizing disinfection and/or aroma diffusion

⚗ Adaptability

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

📏 Zero Distance from Edge

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

🌀 24 KPA Powerful Suction

Strong suction performance – effortlessly picking up fine dust and debris




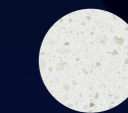
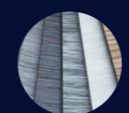



🌿 H13 HEPA Filter

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	790mm 31 in; 810mm 32 in (with diffuser kit)
Width	730mm 29 in
Height	900mm 35 in; 995mm 39 in (with diffuser kit)
Unladen Weight	93kg 205 lb; 99kg 218 lb (with diffuser kit)
Cleaning Width	400mm 16 in; 720mm 28 in (with side brushes)

CLEANING

Max. Productivity	1200m ² /h 12,916 ft ² /h
Max Air Flow Volume	2m ³ /min
Dust Bag	12 L 3 gal
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
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	24V DC
Max. Output Power	1,000 W 1.34 hp
Charging Time	≈2 hours
Uptime	≈3-18 hours

SENSING

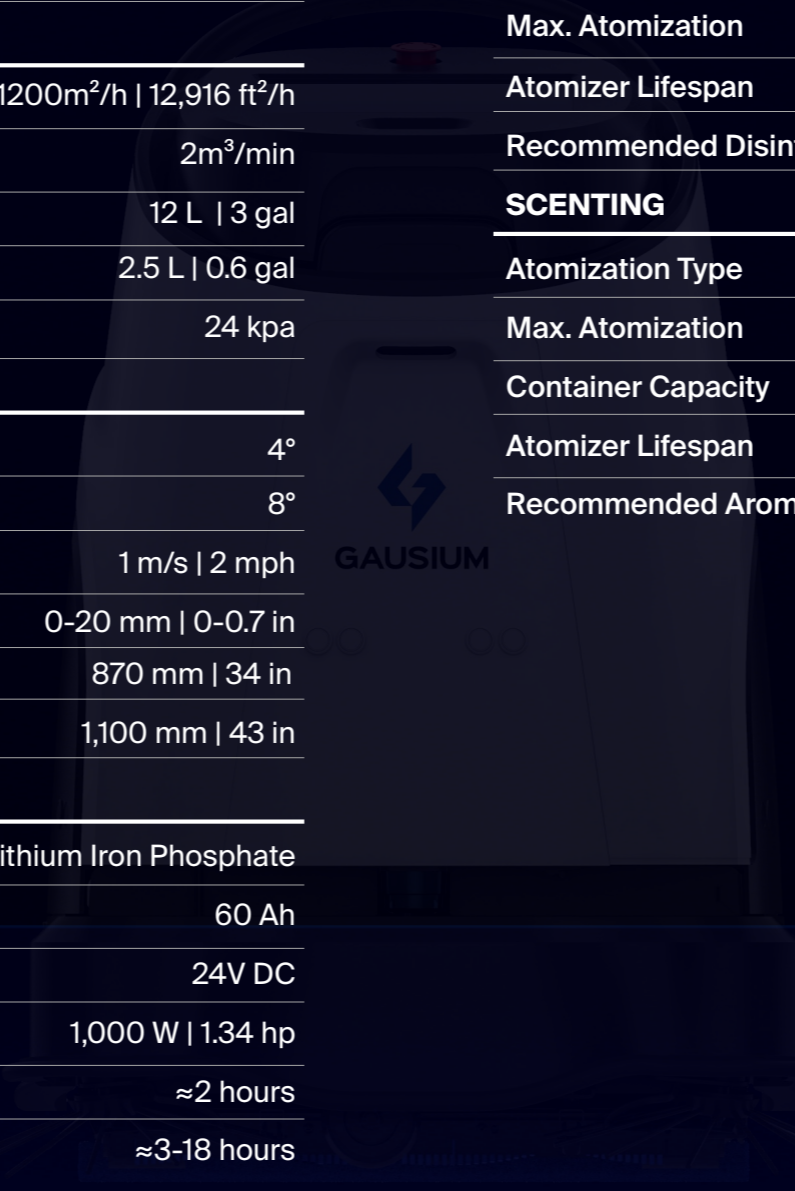
Standard	LiDAR, 3D Depth Camera, 3D ToF Camera, RGB Camera Anti-drop Sensor, Air Pressure Collision Sensor
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SANITIZING

Atomization Type	Ultrasonic
Container Capacity	4 L 1.06 gal
Max. Atomization	1.2L/h 0.3 gal/h
Atomizer Lifespan	5,000 hours
Recommended Disinfectant	Hypochlorous acid, QAC disinfectant

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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