



40



Vacuum 40 / Diffuser
Your Robotic Vacuuming Expert



PRO OF CARPET CARE

Enjoy A Deep & Thorough Clean

Vacuum 40 is able to clean along the edges at zero distance with side brushes and high-precision sensors, and effortlessly pick up fine dust and debris with a 24 KPA suction motor. It comes with an anti-static and highly elastic roller brush that reaches deep into the carpet fibers without causing any damage to the carpet. It offers three vacuuming modes to cater to varying carpet cleaning needs —whether it's a light, medium or deep clean, Vacuum 40 has got you covered.

- Zero-distance edge cleaning
- 24 KPA powerful suction
- 3 Vacuuming modes (light/medium/deep)

AIR FRESHENING & PURIFYING

Spice Up Your Cleaning Routine

Vacuum 40 is an ultimate multitasker. Not only does it keep floors spotless, but it also helps create an inviting environment that smells amazing — an innovative multi-purpose diffuser kit could be easily equipped onto it for purification, humidification or aroma diffusion. You will also experience the joy of breathing in purified air with the help of its medical-grade H13 HEPA filter that effectively captures harmful particles and allergens.

- Multi-purpose diffuser kit
- 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.

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



Key Features:

➔ 3-in-1 Cleaning

Integrating vacuuming, sweeping, dust mopping

❖ Multi-purpose Diffuser Kit

Optional diffuser kit for purifying & humidifying 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	800mm 31.5 in; 810mm 32 in (with diffuser kit)
Width	690mm 27 in
Height	890mm 35 in; 990mm 39 in (with diffuser kit)
Unladen Weight	91kg 201 lb; 97kg 214 lb (with diffuser kit)
Cleaning Width	720mm 28 in (with side brushes)

CLEANING

Practical Productivity	400-800 m ² /h 4,306-8, 611 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 2.2mph
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
Max. Runtime	Vacuuming: 3 hours; Mopping: 18 hours

SENSING

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

Atomization Type	Ultrasonic
Container Capacity	4 L 1.06 gal
Max. Atomization	1.1L/h 0.29 gal/h
Recommended Material	Distilled Water, etc.

AROMA DIFFUSION

Atomization Type	Air compressor pump
Max. Atomization	6 mL/h 0.002 gal/h
Container Capacity	500 mL 0.13 gal
Recommended Aroma	Essential oils

Note: Derived from Gausium's test results; actual performance data may vary in specific applications.

Gaussian Robotics
Valeton 4 N, 5301LW Zaltbommel, The Netherlands

Headquarter:
No. 666 Shengxia Rd., Pudong District, Shanghai, China

+31 (0)611872148 E-mail: support@gausium.com www.gausium.com

@Gausium Official

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