



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	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. Theoretical Productivity	1200m <sup>2</sup> /h   12,916 ft <sup>2</sup> /h
Max Air Flow Volume	2m <sup>3</sup> /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	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.

