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Buying Guide: How to choose your robot vacuum cleaner/robot cleaner?

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A robot vacuum cleaner, or a washing robot, can simply do the cleaning for you. You do not have to worry about it anymore, and you can enjoy your free time. This guide will enlighten you on the different elements to take into account for its acquisition.

HOW does IT work?

The robot vacuum cleaner: A [Roborock](#) vacuum cleaner consists of rotating brushes that direct the dust towards the center of the machine. It is then sucked and stored at the bottom provided for this purpose. The vacuum moves in the rooms and will land on its terminal when it needs to recharge.

In short, he sweeps the broom and dustpan for you, and then automatically reconnects to be available again as soon as you need it.

The washing aspirator: it washes the stains with a reserve of water, and dries on its way. He can also suck. No more vacuuming or mopping!

THE MODE OF DISPLACEMENT: DIFFERENT TECHNIQUES ARE USED TO MOVE THE ROBOT

Pre-programmed system: the robot moves in the rooms, and changes direction when it encounters an obstacle. Since he goes to the same place several times, he needs more autonomy.

Laser or camera: they are used to record the dimensions of the pieces. The path of the machine is better programmed, so it needs less energy.

Built-in sensor: a sensor can be useful if you have steps or stairs. This will prevent the robot from falling.

Virtual wall or magnetic tapes: they allow delimiting the space to be cleaned. They restrict the area of action of the vacuum cleaner or impose a limit that can be crossed only when the first part is cleaned. The models offer 1 to 3 virtual walls, others can be bought extra.

THE DIFFERENT PROGRAMS

The different types of programming vary depending on the model. However, the basic models

generally have 1 function, while the most advanced ones have up to 6. Here are the most commonly used modes, and also the most practical.

Deferred program: some entry-level models only offer this mode. It allows you to start the robot at a specific time.

Multiple programs: The robot will adjust itself in advance to work at certain times and days of the week. You only have to program the robot once, and it will work on its own at the chosen times.

Manual program: you define the path of the robot using the supplied remote control.

Maximum program: the device will be on until its battery is exhausted.

Intensive program: This mode is useful for stubborn tasks and very dirty areas.

KEY FEATURES

Suction power:

The suction is generally between 30 and 40 W. It should be known that this is not really enough to clean carpets and rugs. If you do not have carpet, a current robot can be perfect for your needs.

The sound level:

For noise, no worries. At 60 to 70 dB, they are as noisy as a standard sled vacuum. You will not see any differences with usual. Unless you choose to launch the device when you are not there: in this case, absolute silence.

Autonomy:

Autonomy is important when choosing your device. The current models offer duration of cleaning autonomy ranging from 1 to 2 hours, or between 40 to 160 m². Attention, autonomy is lower for carpets and carpets, compared to tiles or floors. It is best to choose a device that can clean all surfaces in one charge. To recharge, robots usually need 2 to 5 hours.

The size of the tank:

The current versions offer bins ranging from 0.25 to 1l. The more capacity the tank will be large and less often you will have to empty it. If you have animals, it is better to choose a model with a large tank.

Dimensions:

Most robot or washing vacuums are small and round (about 35cm wide and 10 cm high). They are therefore optimized to pass under beds and furniture, hard to reach places for a traditional vacuum cleaner. However, because of their shapes, they cannot very well clean in the corners, and along the walls. Manual aspiration may be necessary from time to time depending on the model.

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