KÄRCHER
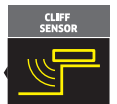
RCV 5

The RCV 5 vacuums and mops completely independently with the help of artificial intelligence. Fitted with precise LiDAR navigation, a dual-laser system and camera, obstacles are effortlessly avoided.

3 STAGE CLEANING SYSTEM

AUTO BOOST ON CARPET

CLIFF SENSOR

PRECISION LIDAR NAVIGATION

SYSTEMATIC CLEANING STRATEGY

Order no.	1.269-640.0

- Artificial intelligence and the dual-laser system with camera for object detection locates and bypasses even flat obstacles
- Precise LiDAR navigation for detailed mapping and exact navigation to the areas to be cleaned
- Intelligent carpet detection and Auto Boost function for enhanced cleaning power and maximum suction power on demand

Technical data		
EAN code		4054278965734
Battery powered device		1
Battery charging time	min	230
Battery type		Lithium-ion battery
Battery capacity	Ah	5.2
Running time per charge	min	120
Area performance (dependent on cleaning mode)	m²/h	85
Waste container	ml	330
Fresh water tank	ml	240
Suction performance	Pa	5000
Sound power level	dB(A)	66
Current type, charging station	Ph / V / Hz	1 / 100 – 240 / 50 – 60
Colour		White
Robotic vacuum cleaner weight (incl. wiping unit and wiping cloth)	kg	3.9
Weight, base station	kg	0.4
Weight incl. packaging	kg	6.5
Robotic vacuum cleaner height	mm	97
Robot diameter	mm	350
Dimensions, charging station (L × W × H)	mm	135 × 150 × 99

Equipment	
autonomous cleaning	■
Cleaning brush	■
Side brush	2 x
Filters	2 x
Cleaning tool	■
Wiping unit	■
Wiping cloth	2 x
Waste container	■
Fresh water tank	■
Fall sensors	■
Carpet sensor	■
Charging station	■
operation using app	■
WLAN	■
smart services/features in the app	■
Voice output	■
Laser navigation system (LiDAR)	■
Dual laser and camera	■
Timer program	several timers possible
Cleaning modes	Dry cleaning, Wet cleaning, Combination cleaning (wet and dry), Automatic system, Spot

■ Included in the scope of supply.

Wet mopping

- For even better cleaning results, the RCV 5 can also damp mop. If needed, use the wiping unit with microfibre cloth, fill the fresh water tank and you are ready to go.
- The RCV 5 cleaning robot can either be used for dry cleaning only, for wet mopping only, or with both options together in the combined cleaning mode.

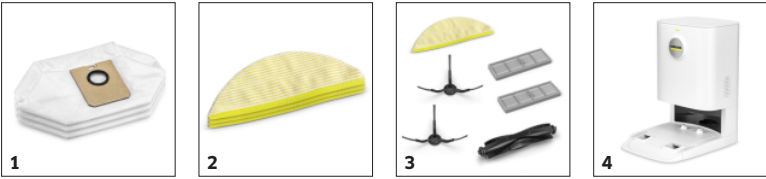### Precise navigation using artificial intelligence

- With fast, robust LiDAR navigation, the robot scans and maps the rooms with precision, ensuring the best orientation for reliable cleaning trips even in the dark.
- The dual-laser sensor and camera on the robot even allow it to recognise small or flat objects that are too small for the LiDAR system (e.g. shoes, socks or cables).
- If the dual laser-camera system detects obstacles, it incorporates them into the map. The robot passes around them with an intelligent navigation manoeuvre, avoiding getting stuck or causing damage.

Carpet detection and Auto Boost

- The RCV 5 automatically detects carpeted surfaces using an ultrasonic sensor and shows these on the map in the app.
- If wet mopping is activated, the robot avoids the detected carpeted surfaces and goes around them.
- The Auto Boost function increases the suction power on carpeted surfaces as needed for even better cleaning results.

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ACCESSORIES FOR RCV 5
1.269-640.0

		Order no.	Description	
ROBOTIC VACUUM CLEANERS AND MOPS				
Filters				
Filter bag RCV 5, suction station (set of 3)	1	2.269-644.0	The high-quality fleece filter bags ensure simple and hygienic disposal of dirt and dust from the station; specially for the suction station of the RCV 5.	☐
Cloth kits				
RCV 5 sweeping brush	2	2.269-640.0	For optimal cleaning results: High-quality microfibre cloth set for wet wiping of hard surfaces with the RCV 5 robotic vacuum cleaner.	☐
Accessory kits				
RCV 5 accessories set	3	2.269-641.0	The accessories set for the RCV 5 robotic vacuum cleaner comprises 1 main brush, 1 wiping cloth, 2 side brushes and 2 filters.	☐
Extraction station				
Suction station RCV 5	4	2.269-643.0	Even more autonomy when cleaning: with the smart self-emptying station, the dust container of the RCV 5 is emptied automatically at regular intervals.	☐

■ Included in the scope of supply.   ☐ Available accessories.   ○ Detergents.