

# Avant

The One and Only





# An innovation by Roca, unique in the world

Roca has reimagined the bathroom space by introducing a cutting-edge toilet with integrated cistern that frees up valuable space. These practical functionalities result in a toilet for everyone and adaptable to any house. A step into the future with a more simplified bathroom.

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06



12



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# All-in-one solution. All-in-one piece

Avant, designed for every type of bathroom, transcends the limits of space. This sophisticated solution seamlessly merges functionality with aesthetics, presenting a sleek design for today's homes.



Wall-hung toilet

By ingeniously integrating the cistern, Avant embodies an innovative concept that saves space. Thinking beyond the wall: leading the revolution in toilet design, as all the necessary elements are located in the toilet bowl, ensuring a faster installation and a significant improvement to any home. No visible flush plate or ceramic cistern container to disturb the clean lines, creating an airy feel.

All components are easily accessible and easy to handle, particularly those related to water function, which are positioned off the walls. The cistern is easy to access for straightforward installation and maintenance, avoiding the need to modify the wall during major repairs. Avant's seal-less design also minimises potential leak points, increasing reliability.





Back to wall floorstanding toilet / Hotels Round toilet roll holder in matt black / Tenue Unik in matt black







# Perfect aesthetics, simple control

Avanti is not only designed in a neutral and minimalist aesthetic, but also creates visually spacious and airy environments, perfect for modern living. It is a totally user-friendly toilet and conceived to be as sustainable as possible, prioritising the environment with a low-consumption dual flush system.



## Powering innovation: solutions for smooth operation

Roca offers two innovative models of the Avant toilet to suit different installation requirements.

**Electricity-Free Avant:** Roca's innovative toilet with integrated cistern works without electricity, relying on mains water pressure and flow. It requires a minimum pressure of 2 bar and a flow rate of 14 litres per minute.

**Avant-E (Electric Version):** If the home's water supply does not meet the required water pressure and flow, the Avant-E features an electrical connection that ensures smooth operation, even without specific pressure or flow conditions.

### Electricity-Free Avant



**2 bar**

Minimum pressure

**14 litres/minute**

Flow rate

### Avant-E



**Electrical connection**

Smooth operation without specific pressure or flow conditions

When installing Avant, it is important to check the key parameters that influence the performance of the bathroom fittings, namely water pressure and flow rate. These values can vary depending on the location and type of house. The pressure and flow rate at the point of use in the bathroom are often different from the general inlet values, due to factors such as the distance from the water source, simultaneous use of other fixtures, or installation design issues. It is recommended that a professional be consulted to ensure that everything is set up correctly.

Avant is available in two contemporary models: a wall-hung version and a back-to-wall floor-standing option. Both designs enhance the aesthetics of your bathroom while creating a spacious and airy environment.

**Easy flushing control, water saving:** The flush control mechanism, with its user friendly design, features an integrated cistern with a low-consumption dual flush (4.5/3 L). With side push buttons for easy operation, it allows a choice between full or half flush, ensuring efficient water use and significant savings.

**Ensuring safety standards:** Avant complies with European regulations, including EN1717, one of the most important regulations to prevent the water black flow.



Wall-hung toilet / Hotels Round toilet roll holder in matt black







# The future of flushing

The innovative Avant is designed to bring the most seamless experience to the bathroom. Roca is taking a leap in technology by including a system based on the Venturi effect that will change the future of flushing.

## Venturi effect

**A patented solution based on physics:** Five patents have been submitted to develop a product that significantly enhances the user experience. Among these, one patent includes the technology collaboratively developed by Roca and SIAMP, which leverages the Venturi effect to advance the integrated cistern concept to its modern form.

**More control over water:** All flushing systems are outside of the wall and integrated into the toilet. They are seal-free for extra-safety against leaks and easier maintenance.



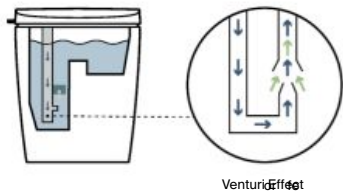
Initial position before Venturi effect / Venturi effect when working

Science making life easier. The system explained.

Frontal view



- 01
- When the cistern reaches full capacity, the flush mechanism float is in the initial position, and the flush mechanism is in the closed state.



- 02
- When the flush button is pressed, the float is released from the mechanism and rises. The mechanism opens and the water from the net enters, creating the Venturi effect which allows the water to be sucked out of the tank. As it flushes, the water level drops and the float continues to float.



- 03
- This suction effect continues while water from the mains is still entering, creating the Venturi effect. Flushing continues until the water level in the tank doesn't reach the float's initial position.



- 04
- The water level eventually drops to the point where the float returns to its original position, where it remains and the mechanism closes the water inlet. The cistern is refilled again through the filling mechanism.

- Float
- ↓

 Movement of float
- ↓

 Mains water
- ↓

 Water supplied from tank by Venturi effect

# Additional features

## Roca Rimless® Vortex

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**Effective flush system:** An effective 360° whirlwind flush system that covers every part of the toilet bowl up to four times. Additionally, the design of this advanced feature minimises the splashing effect for a truly refined user experience.

**Real Rimless solution & maximum hygiene:** Totally visible interior of the bowl with no hidden nooks and crannies for dirt and germs to accumulate, making cleaning easier.

## Maintenance and Installation

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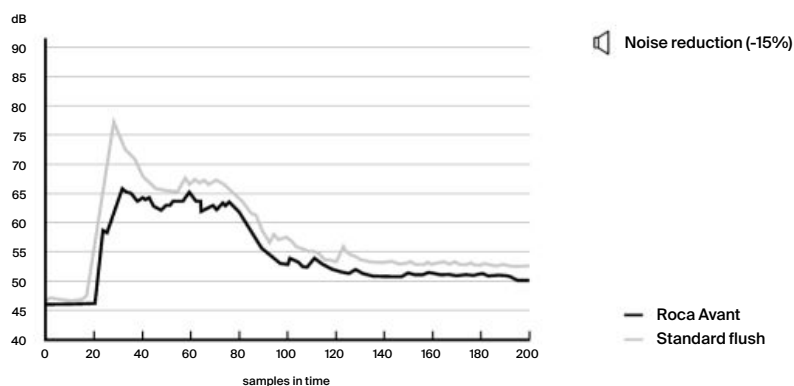
The Avant toilet is designed for easy installation and maintenance. It fits seamlessly into any bathroom and its accessible and easily replaceable components make for simple maintenance.

Its innovative features prioritise hygiene and quiet operation: the Quick Release system facilitates effortless cleaning by allowing the seat and cover to be easily removed, while the Soft Close system ensures a quiet and safe operation, preventing slamming and reducing wear.

## Silent Flush



Avant boasts a revolutionary silent flush technology that performs with remarkable discretion and sounds like a soft breeze, replacing the disruptive noise of traditional toilets. Ensuring a peaceful environment without compromising on performance.



## Supraglaze®



The inner surface of the pioneering Avant features Supraglaze®. The exclusive Roca glazing that is applied over the original glaze, allowing any residue to slide off and preventing the build-up of dirt and germs.

The result is an extremely smooth, shiny and water-resistant surface that is easier to clean and requires less water and cleaning products.

## Avant at a glance

**Integrated cistern:** The cistern is incorporated inside the bowl, out of sight. This maximises available space and provides a modern and pleasing aesthetic.

**Venturi effect:** The integrated cistern uses the Venturi effect for powerful flushing, ensuring a thorough and hygienic clean in a sleek design.

**With or without electrical connection:** Compatible with most existing installations, Avant requires a minimum water pressure of 2 bar and a flow rate of 14 litres per minute.

If the water supply does not meet the required pressure (2 bar) or flow (14 l/min), Avant-E can be installed with an electrical connection.

**Roca Rimless® Vortex:** A bowl specially designed to optimise water flow, flush performance, and cleaning. No splashing.

**Silent flush:** Reduces noise for a more comfortable user experience.

**Supraglaze®:** An exclusive Roca glazing that guarantees even greater hygiene, allowing any residue to slide off and preventing the accumulation of dirt and germs.

**Easy control with side buttons:** Discreet and intuitive flush controls make the toilet easy to use, with two flush settings to save water -4.5 or 3 litres.

**Seal-free solution:** All flushing systems are integrated into the toilet and are seal-free, for extra safety. This simplifies maintenance and prevents leakages.

**Easy installation & Easy maintenance:** Fits seamlessly into any bathroom with accessible and easily replaceable components for easy maintenance.

**Quick Release & Soft Close seat and cover:** The seat is stable and comfortable and closes gently with a whisper-quiet click. Both the seat and cover are easy to remove for easy cleaning.

Easy installation  
Easy maintenance

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Easy control with side buttons

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Seal-free solution

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Integrated cistern  
With or without electrical connection

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Venturi effect

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Supraglaze®

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Roca Rimless® Vortex  
Silent Solution

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Quick Release  
Soft Close







# Technical information



# Avant In-Tank<sup>®</sup> back to wall floorstanding external connection

Avant A80336MS0H  
Avant-E A80336MS01\*



Back to wall hydraulic toilet with integrated tank of dual flush 4,5/3L. Includes Roca Rimless<sup>®</sup> Vortex, soft-closing seat and cover and Supraglaze<sup>®</sup> glazing. No need for built-in cisterns. External hydraulic water supply connection.

# Avant In-Tank<sup>®</sup> back to wall floorstanding internal connection

Avant A80336MS0W  
Avant-E A80336MS00\*



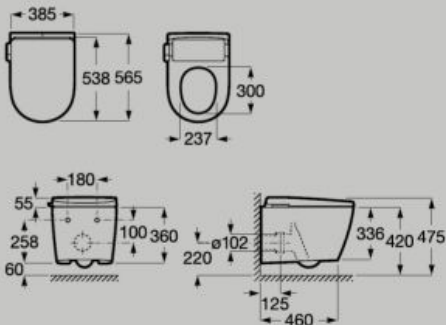
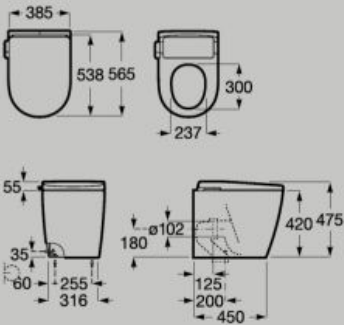
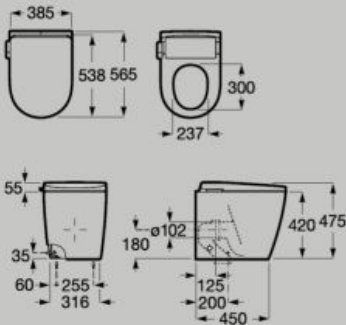
Back to wall hydraulic toilet with integrated tank of dual flush 4,5/3L. Includes Roca Rimless<sup>®</sup> Vortex, soft-closing seat and cover and Supraglaze<sup>®</sup> glazing. No need for built-in cisterns. Internal hydraulic water supply connection.

# Avant In-Tank<sup>®</sup> wall-hung

Avant A80336NS0H  
Avant-E A80336NS01\*

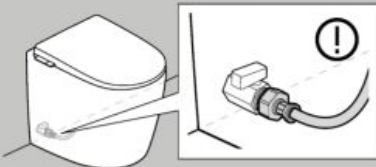


Wall-hung hydraulic toilet with integrated tank of dual flush 4,5/3L. Includes Roca Rimless<sup>®</sup> Vortex, soft-closing seat and cover and Supraglaze<sup>®</sup> glazing. No need for built-in cisterns.



Dimensions in mm

## Minimum flow and pressure requirements



>14 L/min

>2 bar

\* Electrical version required when the minimum water supply flow is less than 14 L/min and the required pressure is below 2 bar.

## Functionalities

In-Tank<sup>®</sup>



Roca Rimless<sup>®</sup>  
Vortex



Dual flush



Supraglaze<sup>®</sup>



Soft  
Close



Quick  
Release



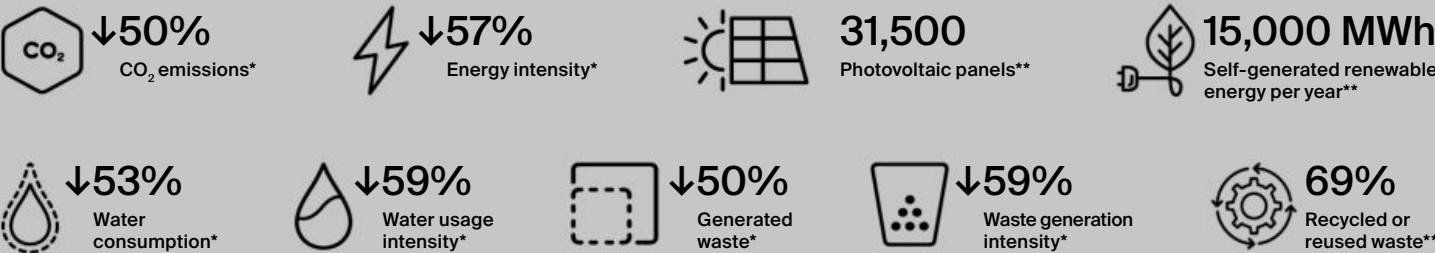
Silent  
Flush



No need of  
power supply\*



# Our contribution to a more sustainable future for all



Our commitment to sustainable growth and development prioritises the wellbeing of people and the planet. This commitment is reflected in our efforts to foster strong societal relationships and support communities, as well as initiatives in decarbonisation, eco-design and circularity. We create high-quality, durable products by considering their entire lifecycle, from carefully selected materials to optimised transport methods. Our aim is to combine the needs of society with environmental responsibility to deliver solutions that benefit everyone.

## Products

**Dual-flush mechanism.** Dual flush cisterns offer adaptable water use, ensuring efficiency for different flushing requirements while reducing overall water consumption.

**Smart shower.** Smart shower solutions allow programmable shower options and monitor water usage to encourage responsible and sustainable use.

**W+W.** Integrating the washbasin and toilet into a single piece, this internationally acclaimed design reuses water from the washbasin to flush the toilet.

**Certificates.** Many of our products are made from FSC®-certified wood.

Our water-using products carry the Unified Water Label water efficiency labelling system to help consumers understand the water and energy use in these products.



## Technologies

**Cold Start.** Cold Start technology prevents unnecessary boiler activation by defaulting to a cold water start position. This innovation saves energy and reduces emissions released into the atmosphere.

**Aerators.** Faucet spouts with aerators that mix air with water help to reduce the flow rate while maintaining the same functionality and comfort.

**Thermostatic faucets and fittings.** Quick Reaction® technology delivers desired temperatures rapidly and an eco-stop button contribute to water conservation in showers.

## Materials

**Stonex®.** An improved formula for Stonex® baths uses recycled PET bottles, reducing the carbon footprint by up to 25%.

## Initiatives

### Pioneering sustainable ceramics

Our recent partnership with Keramischer Ofenbau marks a significant step towards sustainability as we launched the world's first electric tunnel kiln for the production of sanitaryware. This pioneering initiative positions us as a global leader in the operation of a net-zero sanitaryware manufacturing facility, setting a new standard for the industry.

Through collaboration and innovative technology, we aim to lead the way to a sustainable future for the ceramics industry.

## We Are Water

For over a decade, the We Are Water Foundation has promoted global hygiene and sustainable water management, improving access to clean water and sanitation in disadvantaged regions while raising awareness and providing training.

## Commitment

### Sustainable and Ethical Commitment

Roca Group is committed to implementing responsible business practices that prioritise environmental protection, social responsibility and ethical behaviour.



**EcoVadis Platinum Medal** recognises Roca Group's outstanding sustainability performance.



As a proud member of the **United Nations Global Compact**, sustainability forms an integral part of our commitment and we work in line with the targets of the **Sustainable Development Goals**.

\* Data from 2018-2023

\*\* Data from 2023



Direction  
Roca

Creative Direction  
Morillas

Photography  
Eugeni Aguiló Aroca

Text  
Morillas

CGI  
Norte Studio

Photographs taken at  
Roca Studios, Gavà, Barcelona

Venturi effect technology,  
a co-innovation with SIAMP:



**Roca is a family-owned company dedicated to the design, manufacturing, and sale of bathroom solutions for architecture, construction, and interior design. Founded in Barcelona in 1917, it combines tradition and knowledge with a passion for innovation and respect for the environment.**

**With sustainability as a key element in all its processes and a commitment to ensure a better planet for future generations, Roca is present in 170 countries, operating 81 factories across the five continents with more than 21,000 employees.**





Avant



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in

@roca



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**Roca**