

In-Tank Meridian

A new integrated
WC concept



Roca



Roca revolutionises the world of the bathroom with In-Tank Meridian; a system that, for the very first time, integrates the cistern and flush system in the WC itself. In-Tank marks the beginning of a new era in bathrooms as it does not require the installation of either a cistern or flush plate to be fully operational.



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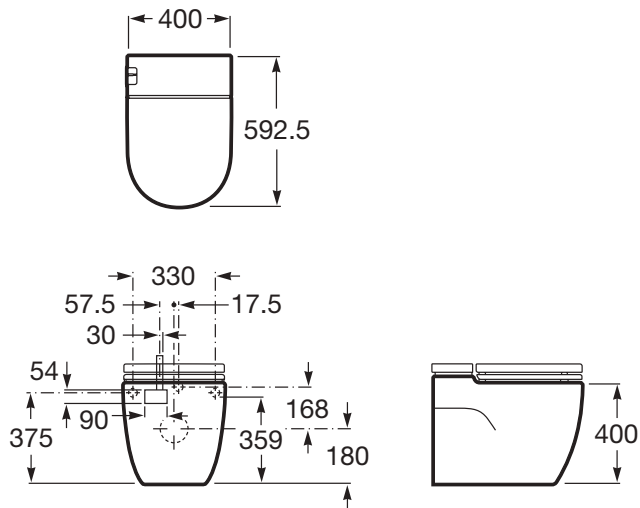
A new integrated WC concept.

Back-to-wall WC (all components in one box).

With integrated cistern, 4.5/3 litre dual-flush mechanism and soft-close seat and cover.

Ref. 893303000

£992.05



Wall-hung WC (all components in one box).

With integrated cistern, 4.5/3 litre dual-flush mechanism and soft-close seat and cover.

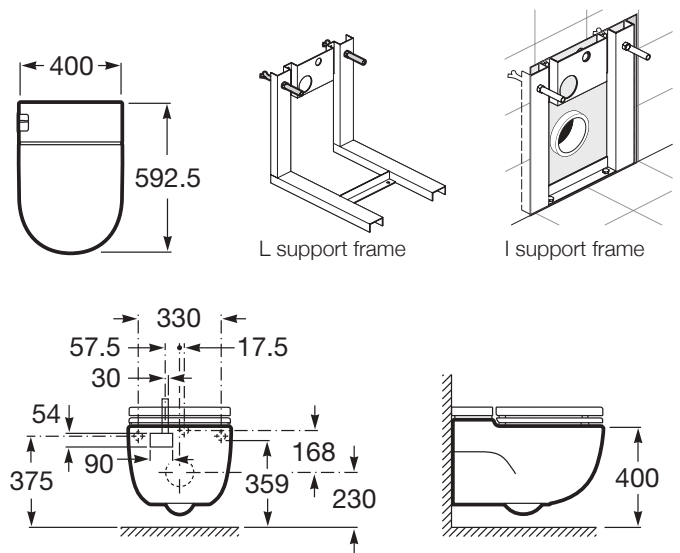
Ref. 893301000 Includes L support

£1,190.25

Ref. 893302000 Includes I support

£992.05

The 'I' support frame version of the In-Tank can be installed at a chosen height providing the frame is raised and mounted on a secure solid base e.g. a brick base.



How does it work?



- 1.** Choose the desired flush (4.5 or 3 litres) and press the button.



- 2.** The air pump, with its Soft Air® technology, is activated and emits a pre-programmed flow of compressed air, pushing the water from the internal tank.



- 3.** The water rises up to provide a flush, expelling the selected volume of water from the internal tank.



- 4.** The internal tank refills until it reaches the optimum water level.

Frequently asked questions

There are two types of frame on the wall-hung option – L and I support. How do you know which is required for a particular installation?

Firstly you need to find out if the wall you are installing the pan on is a solid or stud partition wall. You will need the product and frame before you start tiling the walls and floor as the frame comes in the box with the product and will need to be embedded into the wall and/or floor.

- For solid walls, such as brick walls, the I support frame is recommended.
- For stud walls, such as plasterboard walls, the L support frame is recommended.

The pre-installation information details the space required for each support frame.

Is it a difficult product to install?

The In-Tank Meridian WCs come with comprehensive installation instructions (available on request, together with a pre-installation checklist, using the contact details overleaf) and are no more difficult to install than other wall-hung or back-to-wall WCs. The main difference is that an electrical supply is required. Bathroom projects usually involve some form of electrical work, whether it be lighting or underfloor heating, so the electrics required for the In-Tank Meridian WCs can be done at the same time. It is important to follow the template provided for the positions of the inlet and soil outlet.

Will it take much longer to install than a conventional WC?

Field trials have shown that approximately 4 hours of installation time can be saved installing the In-Tank Meridian WCs compared to conventional WCs as the stud work for boxing in a concealed cistern is not required for this product and there is also no need to connect (and subsequently test) a cistern to the pan as it is pre-installed.

What happens if there is a power failure?

The toilet will keep operating using internal super capacitors for approximately 4 full flushes or 7 part flushes. These recharge quickly once power is restored. Super capacitors bridge the gap between conventional capacitors and rechargeable batteries. They are everlasting and have a high capacity to store energy.

How does the flush compare to a conventional WC?

The optimised flush is electronically controlled so that the exact amount of water required to flush the WC at various stages of the flush process is used. This makes the flush efficiency and performance much better than a conventional WC. To support this further, the cut out in the rim of the pan has been designed for optimum flushing performance and efficiency at reduced flush volumes.

Is there a risk of pressure build up from the air blower?

Despite there being an air blower there is no risk of pressure build up as the blower is an open turbine (not a sealed unit). Furthermore the air in the cistern, which is within the actual tank itself, is always at atmospheric pressure due to the holes in the rim of the pan so the only pressure is when the flush is in operation and at this time the pressure is very low with the maximum pressure being just 0.2 bar.

Can the push button go on either side of the WC?

Yes, the panel at the back of the WC with the push button is reversible (see image below) and can be easily placed so the push buttons are on the left or the right, whichever best suits the installation.

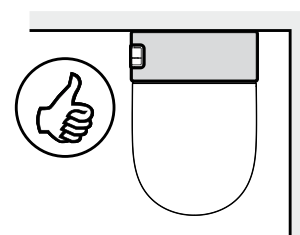
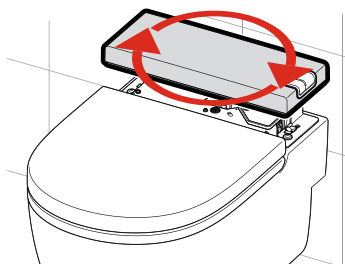
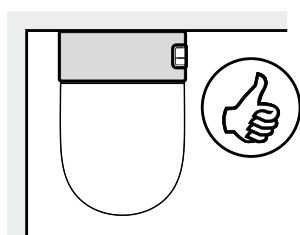
What are the benefits of having an integrated cistern?

The obvious benefit is that it saves space but it is also a slightly wider WC so it is more comfortable. It is also quicker to install as the cistern is built-in and pre-connected.

As the cistern is integral there are no seals between the cistern and the pan as is the case for a conventional WC. This eliminates the risk of leaks caused by failure of the seals and therefore lowers the maintenance demands.

Is In-Tank Meridian WRAS approved?

Yes, the certificate number is 1307332.





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