Installation Instructions for models:
CWC156-AST

IMPORTANT

- Read instructions entirely prior to installation.
- Prior to hooking up the fixture to the water supply make sure that all the lines are flushed thoroughly.
- Units should always be installed according to local plumbing and/or electrical codes.
All information including dimensions, changes in design and material are subject to manufacturer’s change without formal notice and without obligation. Intersan assumes no responsibility for use of superseded or voided information. Verify all rough-in information before installation. It is the responsibility of the installer to conform with local and national codes.
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Installation

Rough-in – Wall Outlet at 5 ½”
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- Different distances from wall are possible with the use of the optional CWC back box
Step 1: Product Preparation

Check the contents of the box. Your toilet should contain the following parts:

- Toilet CWC150-AST 1
- Mounting Brackets 2
- M10 Threaded Rods 4
- M10 Hex Nuts 4
- M10 Flat Washers 4
- Inlet Seal 1
- Straight P-trap connector 1
- 90° P-trap Connector 1

Remove the CWC from its packaging and place carefully onto a protective sheet on the floor such as cardboard to avoid damage to the base edges. Under no circumstances should the CWC be knocked or dropped when placing onto the floor as damage to the bottom rim edges may result.
Step 2: Installing the Threaded Rods

- Cut the four (4) M10 threaded rods down so they will stick out maximum 2” on the back off the wall.
- Fit the 4 threaded rods into the threaded inserts on the back of the WC pan.

Variation: Installation with the front fixing plate

- If you order the CWC156-AST with the front fixing plate then the relevant rods are already installed.
Step 3: Installing Inlet Seal (when using DFKIT03 flush valve)

- Push the plastic inlet seal in the inlet of the CWC.

![Diagram of CWC inlet seal installation]

Step 4a: Installing P-trap adapter WCCON01 or WCCONA (wall drain installation)

- Trim the p-trap adapter with a hacksaw to the appropriate length as necessary.

![Diagram of P-trap adapter installation]

- Apply PVC or ABS glue around the p-trap connector and place inside the hub-fitting in the wall.

![Diagram of p-trap connector installation]
Step 4b: Installing P-trap adapter WCCON08 (floor drain installation)

- If the CWC drains through the floor, then slide the 90° P-trap Connector on the drain outlet of the CWC.

Step 5a: Place the toilet (Rear Outlet)

- Slide the toilet into place and press the waste outlet into the p-trap connector.

- Prior to fixing the pan to the floor, it is recommended that a mastic sealant / adhesive or hard grout is applied around the base and on the pan rear face to the wall to fill any gaps and to give additional strength.

- Once the toilet is securely into place, slide the mounting brackets over the threaded rods sticking out in the back of the wall.
• Assemble the wall bracket nuts and washers onto the M10 threaded rods. Check that the back of the toilet lines up to the wall without any gaps due to an uneven wall finish prior to tightening each fixing to a torque of 13Nm. Gradually tighten all fixing nuts evenly in a rotational method so each one gradually tightens to the stated torque. Depending on the outlet one or two fixing brackets will need to be installed.

• Fix the toilet to the floor with the hardware provided.

Step 5b: Place the toilet (Floor Outlet)

• Trim the PVC drainpipe to the proper height using a drill/driver fitted with an internal pipe cutter.

• Place the toilet with the 90° p-trap connector already installed over the PVC drainpipe. The flanges of the p-trap connector should slide in the PVC drainpipe. If necessary, use an adaptor so the p-trap connector fits inside the drain pipe.

• Once the toilet is securely into place, slide the mounting brackets over the threaded rods sticking out in the back of the wall.
• Assemble the wall bracket nuts and washers onto the M10 threaded rods. Check that the back of the toilet lines up to the wall without any gaps due to an uneven wall finish prior to tightening each fixing to a torque of 13Nm. Gradually tighten all fixing nuts evenly in a rotational method so each one gradually tightens to the stated torque. Depending on the outlet one or two fixing brackets will need to be installed.

• Fix the toilet to the floor with the hardware provided.

**Variation: Installation with the front fixing plate**

• When using the front fixing plate, anchor the front fixing plate to the wall with the appropriate screws (tamper resistant torx screws are recommended).
Step 6: Connect the Flush Valve

- If using the DFKIT03 flush valve: slide the flush valve in the inlet seal installed in step 3.

- When using flush valve by others connect the flush valve to the toilet by using the appropriate spud connector.

Step 6: Finishing the Installation

- Seal the edges of the product to the floor and wall surfaces with an un-pickable mastic.

- DO NOT LEAVE ANY GAPS OF ANY SIZE BETWEEN THE PAN AND THE SURFACES IT IS MOUNTED AGAINST AS THESE CAN BE USED TO CONCEAL / HIDE RAZOR BLADES OR SIMILAR ITEMS.