

General Stainless Steel Urinal Installation Guidelines

General Urinal Installation Instructions

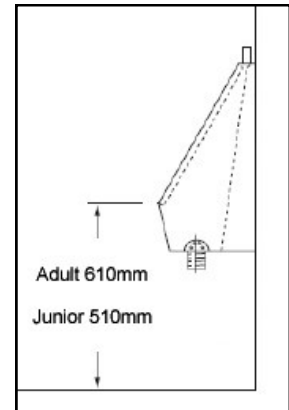
Stainless steel wall hung trough urinals should be installed on a solid flat wall at an appropriate height to suit the age range of the users. As a general guide juniors have a recommended installation height of 510mm from the floor to the top edge of the trough (channel) and adults 610mm.

All urinals should be installed with the top edge of the urinal level. There are a couple of different fixing methods depending on the urinal supplied.

For wall hung trough urinals with separate top fixing brackets the wall mounting brackets should be securely screwed to the wall using appropriate rawl plugs and screws suited to the wall type, and then the urinal slid down on to them, the urinal can then be secured to the wall to prevent it being lifted off of the brackets using the fixing holes at the bottom of the ends.

For wall hung trough urinals with fixing holes in the top flange and ends the urinal should be attached to the wall using appropriate rawl plugs and screws suited to the wall type.

For floor standing urinals the fixing holes on the flanges should be used to fix the urinal back to the wall using appropriate rawl plugs and screws suited to the wall type.



The urinal waste supplied needs to be fitted to the outlet hole in the urinal channel and can be connected up to a suitably sized trap and your waste pipe work.

The stainless steel flush pipe supplied should be connected to the inlet stub pipe on the urinal with the supplied chrome plated brass compression fitting. The flush pipe is sized to suit the optimum mounting height of the auto flushing cistern.



The auto syphon should be installed into the hole in the bottom of the cistern casing with the washers and nut supplied. Cisterns can be plastic or stainless steel depending on which type you have ordered.

The cistern supplied should be fitted to the wall level and with suitable wall fixings (not supplied). The cistern should be installed at a height so that the stainless steel flush pipe enters the syphon tail by a maximum of 20mm. The flush pipe is fixed to the syphon tail with the supplied cap nut and rubber o ring. The flush pipe can be cut down slightly if required.



The petcock supplied should be connected to your water supply pipe with a proprietary tap connector (not supplied).

The petcock regulates the flow of water into the cistern which will determine how often the cistern will flush. The water supply can be regulated by the screw fitting in the end of the petcock.

For the first flush we recommend that you fill the cistern quickly with a bucket, rather than via the petcock.

If the auto cistern doesn't flush properly straight away there may be a couple of causes:

- The down pipe has been installed too far into the syphon tail. Check the dimension, trim as necessary and re-install. The maximum the down pipe should enter the syphon tail is 25mm.
- An air lock in the syphon or pipework. Fill the cistern quickly with a bucket of water to expel any trapped air out of the system.

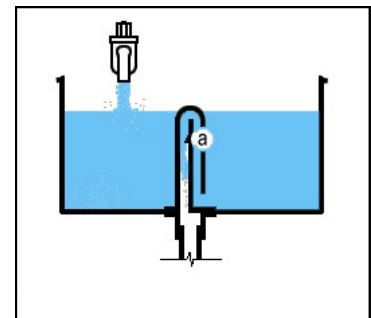
Earthing Continuity

All urinals are provided with a number of fixing points on to which an earthing continuity wire with an end terminal can be secured.

How An Auto Syphon Works

Auto syphons are a vertical outlet tube covered by a bell casing with a small gap at the base.

When the water level in the cistern rises the water level in the bell casing rises as well. Once the water level reaches the top of the vertical outlet tube the water will pour down the outlet tube and down the flush pipe (a). This starts a syphon action inside the bell casing which empties the water in the cistern. Once the water level gets below the gap in the bell housing base the syphon action is broken and the flush stops. The whole process then starts again with the cistern filling up.



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