



The Aguardio Leak Sensor detects toilets that leak clean water down from the inner rim of the toilet pan and straight out in to the sewer. If the Leak Sensor beeps, the toilet must be checked for leaks. When the toilet is repaired, the sensor alarm will stop.

The Leak Sensor alarm is very sensitive, as a consequence it can detect toilets that leak as little as 3 litres of water an hour. Such a small leak is invisible to the human eye.

TIP: If the stand-alone version of the Leak Sensor sounds an alarm, press the button on the side to pause the alarm for 24 hours.



Aguardio Leak Sensor installed on the water inlet pipe behind a toilet

### A sensitive alarm

Plumbing Engineers often relate that limescale in toilets can be the cause of on/off running toilets. It is quite normal that such lime-related conditions can be the cause of toilets leaking for brief periods, and this can stop again after only a few flushes. Normally, running toilets are only noticed when a leak is completely visible.

Be aware that limescale may cause a false alarm from the Leak Sensor. It is by design that the sensor is so sensitive, in order to enable its detection of small leaks.

Also, the gasket inside the toilet can become less flexible over time, eventually also causing casual water leaks that are temporary - yet recurring.

### Temporary water leak or not?

If the Leak Sensor has given an alarm, Aguardio recommends to do the following to rule out that the leak is only temporary e.g. due to limescale buildup:

- **Flush the toilet** 2-3 times in succession.
- **Wait one day** - if the Leak Sensor is still giving an alarm, this could be a permanent leak.

### Limescale in the toilet cistern

Limescale build-up inside the toilet's cistern can impede the moving parts that control and regulate the amount of water in the cistern. Limescale can therefore cause running toilets.

Although limescale is not harmful to our health, it can cause problems inside the toilet's cistern. Lime settles as deposits, and is best known in toilets when it leaves discoloured streaks down the inner backside of the toilet pan.

Limescale inside the cistern is not immediately visible, but if it settles on the moving parts of the cistern, the toilet may begin to leak or may not be able to flush.

### Descaling the toilet cistern

Descaling the tank is likely to alleviate the problem for a while.

In order to descale, you must have access to the interior of the water tank. Use only suitable descaler. Always follow the instructions for use. Focus on gaskets and on the "swimmer". If necessary, ask your local Plumbing Engineer.