

**Domestic and Commercial Sewage Pump Selection.**

● **SELECTING THE RIGHT PUMP IS THE KEY**

Based on years of field experience, pump specialists and maintenance engineers alike recommend selecting a submersible sewage pump that must have:

- A Vortex impeller
- 60 mm or greater free flow pumping passage

If you need a sewage pumping station, then you need to be assured that for your everyday use and those of your visitors, your toilet is going to function without more than just the basic maintenance.

Just Google for example- Items that get stuck in your toilet!  
Or call your local plumber for his view point!

● **THE PROBLEM:**

Sewage Pumping Stations connected to DOMESTIC & COMMERCIAL Toilets have to cope with: Tampons, Pads, Wet Wipes and many more items which should not be (but are) thrown down the pan. They ALL have the potential to clog and block..

Cheaper pumps with ONLY 50 mm (minimum Building Regulation) pumping passage can constantly suffer from breakdowns and blockages.

● **THE SOLUTION:**

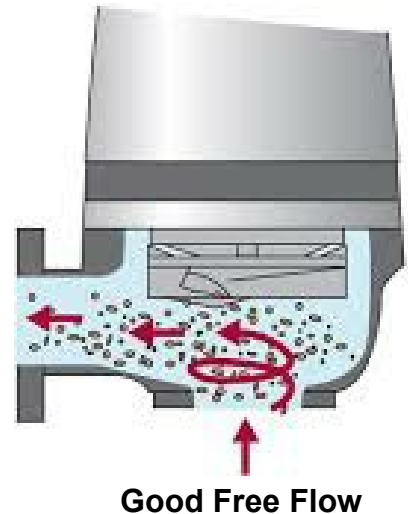
This problem can be significantly reduced by specifying and fitting a pump with a 60 mm or greater free flow and a vortex impeller.

Pumps of this specification also feature larger pump bodies and a MORE POWERFUL MOTOR.

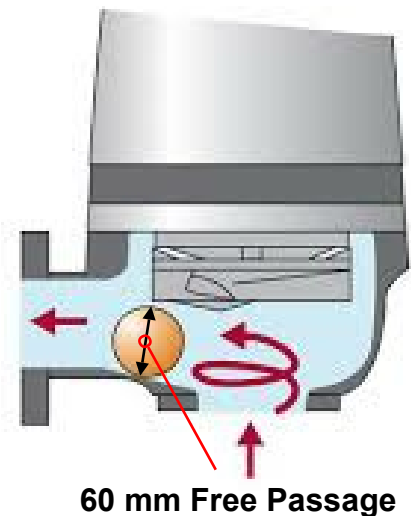
**Experience has proved** to us just how easy it is to block a pump, particularly one with the minimum Building Regulation of a free passage diameter of just 50 mm!

So why do some companies offer pumps with the smallest 50 mm diameter passage, why not a larger pump passage that is proven to make all the difference when it comes to coping with sanitary items.

**False Economy** - Lowest cost is the only reason to select a submersible sewage pump with a 50 mm rather than a 60 mm diameter free flow passage capability. The 50 mm sized pump is notably smaller in pump casing and motor size, hence the price!



**Good Free Flow**



**60 mm Free Passage**



**Powerful Vortex Impeller**

● **Some things WILL Flush:**

Sewage, toilet paper, (even excess toilet paper) is capable of being handled successfully by a 50 mm diameter free flow sized pump, these substances are soft, break up and even dissolve.

● **Some things WON'T:**

Items such as Tampons, Wet Wipes, Condom's... don't breakdown or dissolve. Instead they become trapped, shredded, entangled, eventually clogging and blocking the vortex impeller and volute of your submersible sewage pump.



***Clogged Impeller***

By just increasing the pumps free flow passage sizes to 60 mm diameter, the success of pumping these products in practice is significantly increased. This recommendation is based on years of practical field experience.

● **Reference:**

Contact David Johnson, Pump Technology Ltd. Business Development Manager on 0118 9821 555 to find out more about avoiding the pitfalls of fitting the WRONG type of pump

● **Make the right selection:**

When selecting or specifying a sewage pumping station, ask about the pumps, not all pumps are equal! Insist on a pump with a 60 mm diameter or greater free flow passage for reliable end user operation. Don't subject end users to that eventual toilet disaster.

Pump Technology Ltd is the UK's foremost domestic and commercial wastewater and sewage pumping expert.

**The leading pump manufactures ALL recommend Pump Technology Ltd.**

Call the Pump Technology application team for the selection and specification of your sewage pump and pumping station.



***Pump Technology Ltd.***

***is the UK leading specialist for above and below ground sewage and waste water, clean water and pressure pumping systems.***



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