



Introducing the 24-Month Clog-Free Guarantee

FLYGT EXPERIOR® PUMPS WITH N-TECHNOLOGY AND SMARTRUN® INTELLIGENT CONTROL

Promises, promises. You've heard them before. But in the world of wastewater pumping, words are meaningless unless backed with action. That's why we are now offering a 24-Month Clog-Free Guarantee on Flygt N-pumps equipped with SmartRun® intelligent control when handling sewage containing solids normally found in wastewater. And yes, we stand behind every word of it.

24-Month Clog-Free Guarantee



As part of its Continuous Clogging Test, Xylem has consumed some five million dish rags over the past ten years, making it one of the largest single consumers in the world.

What's included in the guarantee?

Xylem guarantees that Flygt N-pumps up to 105 hp, equipped with our Flygt SmartRun® intelligent control unit, will be free from clogging for a period of 24 months when handling normal sewage containing solids normally found in domestic wastewater.

How to obtain the Clog-Free Guarantee

For information about how to obtain this guarantee, please contact your local Flygt sales representative for an evaluation of whether you are eligible for this guarantee.

What happens if a clog occurs?

Should the Flygt N-pump with SmartRun® clog due to typical solids or debris normally found in domestic wastewater during this period, our service team, an authorized dealer or service organization will remove the clogging at no additional costs when presenting the guarantee agreement.

How can we promise zero clogging?

Let's be honest, it's not every day that a global pump manufacturer goes out with a guarantee covering 150 markets worldwide. So what is it that makes us so confident to stand behind this claim? It starts with our invention of the world's first submersible pump and includes the knowledge gained from decades of continuously improving wastewater pumping.

Heritage of efficient pumping

Following this early major breakthrough with submersible pumps, Flygt engineers invented the self-cleaning hydraulic (so-called N-technology) and later the Adaptive N-impeller. But it was the addition of SmartRun® intelligent controller - designed by our own team for pumping purposes - that minimized the risk of clogging. Today, with an installed base of 3 million pumps and 50,000 Flygt N-pumps leaving our factory per year (many equipped with SmartRun®), we continue to gather insights. So you see, it's been an ongoing evolution.

Five million rags

Now to the source of the problem: the stringy rags, cloths, bags, diapers and other debris in modern wastewater. Some years ago, to set a common standard for comparing how our pumps worked in tough conditions, our engineers designed The Continuous Clogging Test. This intensive test involves plastic bags, woven textile cloths and high-friction dish rags. Every ten seconds a new obstacle passes through the pump. Over the past ten years, we've consumed some five million dish rags, making us one of the largest customers in the world!

Save \$150,000 on maintenance costs

The ability to reduce clogging has a direct impact on maintenance costs. Take the case of one municipality that was experiencing 26 clogs per year and sending out a team of two service technicians for a two-hour job. At an average cost of \$100 per hour, this was starting to add up. However, with a retrofitted N-pump equipped with SmartRun® intelligent control, they expect to save \$150,000 over a 15-year period on lower maintenance costs. Yet another municipality says it wasn't just the money that convinced them, but the ability to avoid a messy job that nobody wanted to do. Other customers report that optimized N-pumps are also saving 50% on their energy bills - an added advantage.

xylem

Let's Solve Water

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