



# Flygt Concertor™

THE WORLD'S FIRST WASTEWATER PUMPING SYSTEM WITH INTEGRATED INTELLIGENCE

**To meet the growing challenges of modern wastewater, we're proud to introduce Flygt Concertor™, a breakthrough in wastewater pumping.**

#### **A new way of thinking**

Using a combination of advanced software functions and state-of-the-art hardware, Concertor senses the operating conditions of its environment and adapts the pumping performance in real time, making smart decisions and providing feedback to pumping station operators.

#### **One powerful solution, unlimited possibilities**

Concertor combines a fully integrated control system with IE4 motor efficiency, our patented Adaptive N-hydraulics and intelligent functionalities such as clog detection, sump and pump cleaning as well as soft start and motor protection. The built-in intelligence also makes it easier to set up and operate, as well as allowing for a significantly smaller footprint. All developed to give you greater peace of mind while reducing your total costs.



**INVENTORY** CAN BE REDUCED BY UP TO

# 80%

DUE TO **CONCERTOR'S FLEXIBLE PERFORMANCE**

## **EFFICIENT ASSET MANAGEMENT**

Concertor eliminates the need for a large backup inventory or having to search for the right performance curve as conditions change. Now you can choose from a broad performance field rather than fixed curves, meaning that you don't need to know the exact duty point. Pump performance can be easily changed on site or remotely.

**CLOG-FREE PUMPING OPERATION** AND CLEAN WET WELLS SAVE UP TO

# 80%

ON VACUUM **CLEANING COSTS**

## **TROUBLE-FREE PUMPING**

While all Flygt pumps minimize clogging, Concertor offers an even higher level of clog-free operation, clean wet wells and a reduction in the need for vacuum cleaning. This is enabled through a combination of our Adaptive N-technology, built-in sump and pipe cleaning functions as well as pump cleaning - all to vastly reduce sedimentation build-up, odors and unplanned call-outs, delivering a safer overall system.

**ENERGY SAVINGS** OF UP TO

# 70%

COMPARED TO **CONVENTIONAL PUMPING** SYSTEMS

## **ENERGY SAVINGS**

With Concertor, you can reduce energy consumption by up to 70% compared to conventional pumps and control systems. This is enabled by our patented Energy Minimizer software algorithm, improved Adaptive N-technology and a highly efficient IE4 motor. The combination of advanced software and hardware functions allow for automatic self-optimization to assure the lowest possible energy consumption.

CONCERTOR CAN **REDUCE THE SIZE** OF CABINETS UP TO

# 50%

COMPARED TO **CONVENTIONAL** CABINETS

## **REDUCED TOTAL INVESTMENT**

Due to its compact, integrated design, Concertor eliminates the need for traditional components in the cabinet such as motor protection, soft starters, variable frequency drives (VFDs) and climate control equipment. This gives you full process control functionality with a cabinet that can be up to half the size of traditional cabinets.