



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%

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.

DUE TO CONCERTOR'S FLEXIBLE PERFORMANCE

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

80%

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.

ON VACUUM CLEANING COSTS

ENERGY SAVINGS OF UP TO

70%

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.

COMPARED TO CONVENTIONAL PUMPING SYSTEMS

CONCERTOR CAN REDUCE THE SIZE OF CABINETS UP TO

50%

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.

COMPARED TO CONVENTIONAL CABINETS

xylem
Let's Solve Water

Xylem, Inc.
14125 South Bridge Circle
Charlotte, NC 28273
PH: 704.409.9700
FX: 704.295.9080

Flygt Indianapolis Branch
7615 West New York Street
Indianapolis, IN 46214
PH: 317.273.4470
FX: 317.273.4480