



Defender Filter is the most efficient filtration system on the market, and it is besides the most environmentally friendly choice





Superior filtration

The environmentally friendly solution for water treatment

The development of Defender filters have been ongoing since 1984, which has resulted in a filter with maximal performance combined with a long service life and user-friendliness.

Defender provides an **outstanding** water quality.



*Defender®
can remove particles
down to one micron or less.*

Efficient particle removal

- ✓ Defender filters remove over 99.9% of crypto in a single pass.
- ✓ Save up to 25% of chemical consumption.
- ✓ Remove particles down to one micron or less.

Test UNCC 2008





Responsible choice

Along with the absolute finest water quality, Defender Filter allows our customers to enjoy a host of additional bottom-line benefits:



- ✓ **Water and Waste Savings** – The Defender Filter eliminates over 90% of the backwash water associated with sand filter operation.
- ✓ **Energy and Chemical Savings** – The dramatic reduction of backwash waste directly translate to savings in chemicals and fuels for reheating associated with make-up water.
- ✓ **Construction Savings** – The Defender footprint is one quarter the space occupied by conventional sand filters. The design eliminates the need for a backwash holding tank and costly waste discharge plumbing.
- ✓ **Power Savings** – Defender filters also reduce the amount of power consumption, which causes a remarkable saving.

Investment in sustainable technology pays off

Call us for a non-committal saving analysis – you will be surprised by the short repayment period.

Let the documented future operational savings pay for the investment.

We have examples of plants that have been paid back in just one year.

The highest possible efficiency rating:

“WhiteWater World’s RM system has reduced the water consumption by more than 90% and saves over 22 million litres of water per year. Our park has been given the highest efficiency rating possible for a water park by the Environmental Resources Management Australia”

Bob Tan, General Manager

Dreamworld/WhiteWater World



Defender® - The Responsible Choice

Positive statements from all over the world:

"The Defender filters have proven to be a remarkable product. The ease of operating, the cost savings enjoyed, the "green" aspect of the design and the additional space in our plant rooms are more than what we expected. It's not often a product can live up to the hype presented in the company's sales and marketing literature. The Defender is that rare breed, however, and we are looking forward to the many years of cost savings in our operations in the magnitude of hundreds of thousands of dollars per year."

Chris Perry, Director of Operations
Wild Wadi Waterpark, Dubai, UAE



"Building a project of gigantic proportions, we needed a filter system that was up to the task. We selected Neptune Benson because of their extensive experience in the waterpark industry. Their Defender filters have performed perfectly – providing impeccable water quality while saving hundreds of thousands of gallons a month."

Nick Laskanis, President
Mt. Olympus WaterPark, WI



"We chose the Defender filters because of the water savings and water quality they'll provide for our park. Defender filters can filter particles down to 1 micron in diameter which decreases the risk of recreational waterborne illnesses such as cryptosporidium."

Peter Kowny, Maintenance Manager
Legoland California



"The Defender filters have been invaluable to our operation; the water quality is impeccable. When compared to our old system, we have much better water quality and are spending less time maintaining the system."

Everett Neal Superintendent of Building & Grounds
Kenyon College, Gambier, OH



For our Danish references, visit our website.

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Visit www.DefenderEurope.com to take Defender for a test drive.

Free Savings Audit

A customized detail of your Defender savings can be obtained on our website.

Test Drive a Defender Plant

Get a simulated demonstration of the various steps in the process of a Defender Filter.

Review Technical Data

View Defender filter dimensions and capacities, system schematic on screen or as a pdf.



www.DefenderEurope.com