

## MARKET: PUBLIC SWIMMING POOLS

### Challenges

Providing a **safe and pleasant water, free of dangerous microorganisms** and with **low levels of chloramines and trihalomethanes (THMs)**, at reduced operating costs and environmental footprint.

### Success story of Crystar HiFlo membranes in an European leisure pool

Objectives of filtration system upgrade, under space limitations, with Crystar HiFlo silicon carbide membranes:

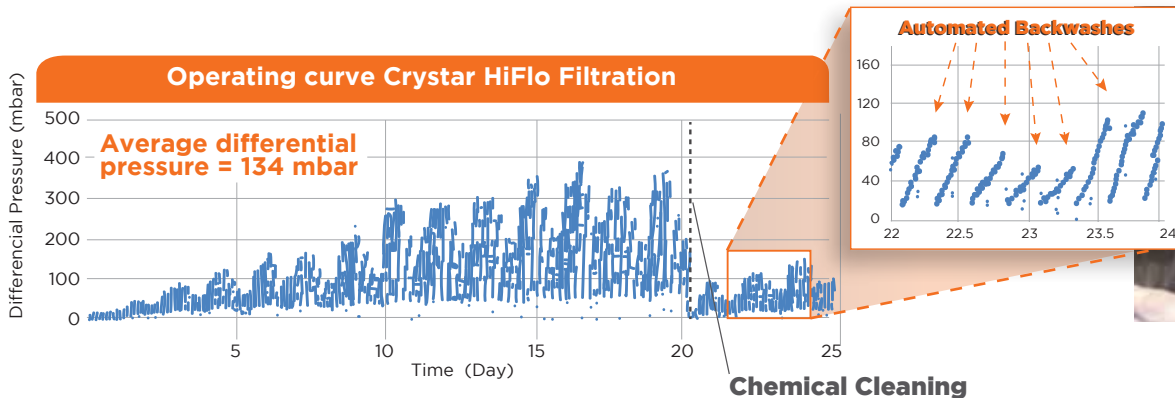
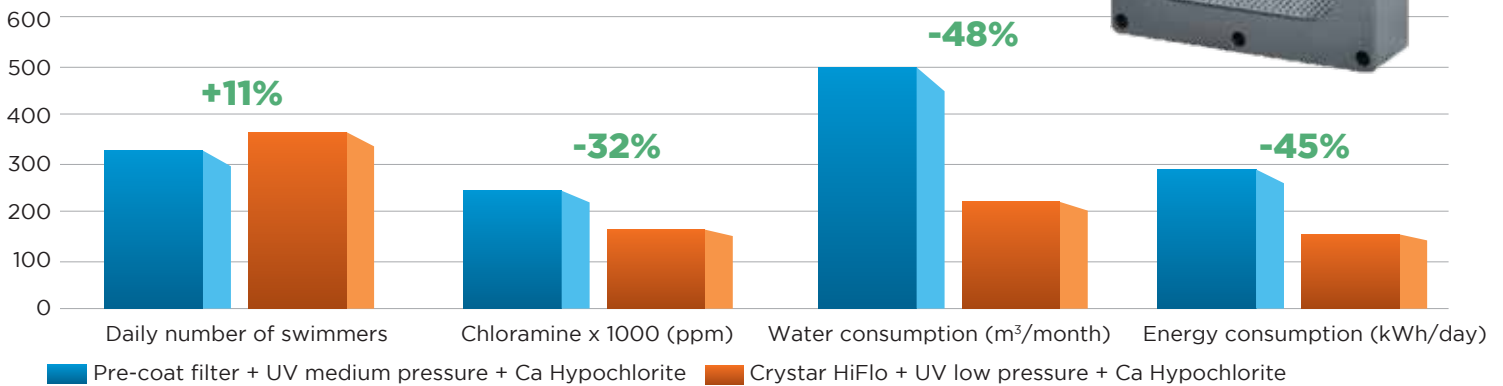
- Reduced water and energy consumption.
- Reduced chloramine levels and improved water clarity.

### Results Summary

- **45% water and energy savings.**
- **30% reduction** in chloramine levels despite increase in bathers and replacement of medium pressure UV lamp with low pressure lamp.
- **Strong simplification of maintenance**, especially during start-stops for cleaning operations.



### Benchmark - Leisure pool 120 m³/h



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