

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

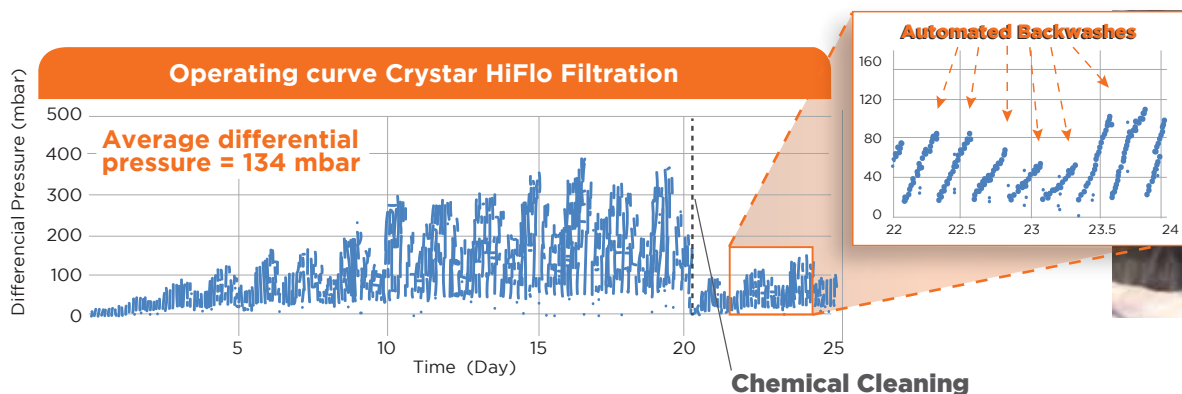
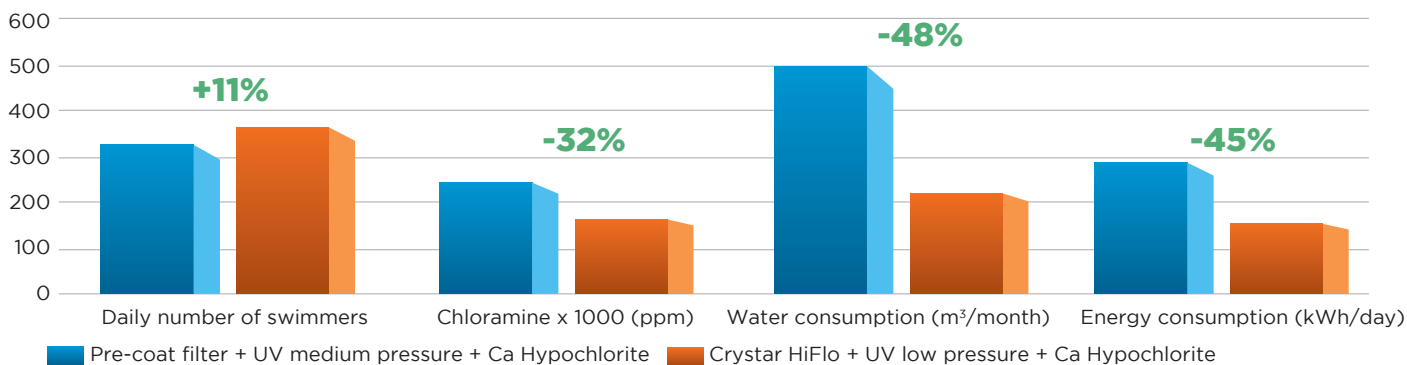
Objectives of filtration system upgrade, under space limitations, with Crystar HiFlo silicon carbide membranes:

- 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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