

CASE STUDY

MARSELISBORG CENTRE

Project:	Existing Hydrotherapy Complex
Pool/s type:	1 therapy pool & 1 spa pool
Bather load:	3,000 per month
Operating temp:	33.9°C warm water pool
Turnover:	100m³/hr (441 GPM)

The hydrotherapy pools in the Marselisborg Centre, Denmark, were built in 1999 equipped with sand filters, but faced with concerns over water quality and excessive water consumption, they required an alternative filtration system.

Several filtration systems were analyzed and tested, with Ceramiflo being selected due to its superior filtration and cost savings. Manufactured by Liqtech (formerly Provital), the chosen model was a CMF04, with a capacity of 140 m³ / hour utilizing four ceramic filters, filtering as low as 1 micron.

The modular and compact nature of the Ceramiflo system ensured that no major building works were required – it can be carried in through a regular doorway – and that it could be constructed in situ alongside the existing sand filters, ensuring the pool down time was kept to an absolute minimum.

Since it was installed the system has run reliably providing superior water quality and delivering vast savings on water, electricity, chemicals and maintenance costs. The remote monitoring capabilities offered by Ceramiflo ensure peace of mind, as well as reducing staffing costs.

“LiqTech has delivered and installed an exceptional water treatment system which performs as promised. With the achieved savings the payback time is only three years.” Jan S. Johansen, Manager, Marselisborg Center

“The system from LiqTech delivers a stable superior water quality, which give me peace of mind. With the monitoring system I can read out all the data needed, from wherever I may stay.” Benny Kroman, Operations Manager, Marselisborg Center



T: 01829 740290 **E:** sales@totalpool.co.uk
W: www.totalpoolfiltration.co.uk

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