

# Tailor-Made Solution for Pool Systems:

Advanced water management system for a new multifunctional sports center in Hungary



One of the leading pool installation companies in Hungary carried out the complete installation of the hydraulic system, both for the indoor and outdoor areas of the water park. The project involved the supply and implementation of a modern, efficient, and fully customized system designed to meet the specific technical and operational requirements of the client.

#### Specifications:

Supply of components and solutions for the water management system of a multifunctional sports center with water park, including advanced automation and monitoring systems for efficient resource management.

#### Areas Served:

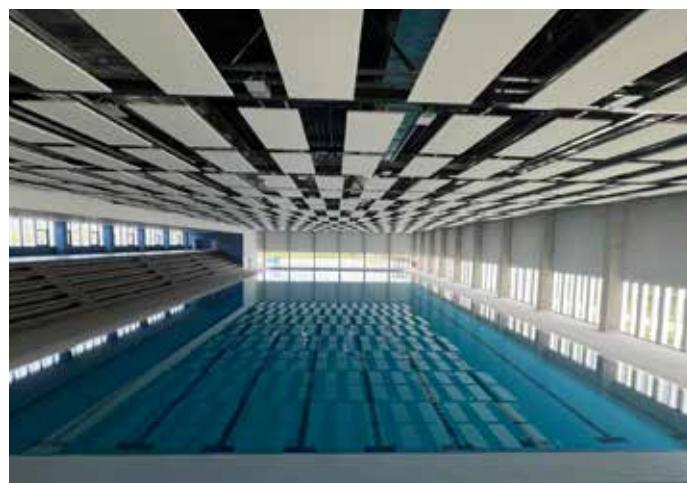
Swimming Pool: 9,202 m<sup>2</sup>

Ice Rink: 7,074 m<sup>2</sup>

#### Solutions Provided:

The system was built using components from FIP and Lareter, including:

- Material: PVC-U and PVC-C.
- Pipe diameters: from Ø20 to Ø400.
- Butterfly valves FE series: Diameters: Ø63, Ø280, Ø315.
- Ball valves: VEEI series.



Project **New municipal swimming pool and ice arena**

Location **Kazincbarcika - Ungheria**

Installer **BS-Technik Kft.**

Products **PVC-U pipes and fittings  
Butterfly valves  
Ball valves and diaphragm valves  
FLS instruments**

Year **2022-2025**

- Fittings: Complete range in PVC-U.
- Automation: FIP monitoring system with automated valves.
- FLS instrumentation, flow indicators and transmitter: F6.63.09 e M9.02.W1.s.

#### Operating Conditions:

Pressure: 2–6 bar

Water temperature: max 35°C

#### Advantages:

- Reliability and long-term durability thanks to corrosion- and high-temperature-resistant materials.
- Energy efficiency and optimized water consumption.
- Easy maintenance and simplified system management.
- Advanced automation for continuous monitoring and precise adjustment of operating parameters.
- Tailor-made solution designed to ensure top performance in high-traffic environments such as water parks.



