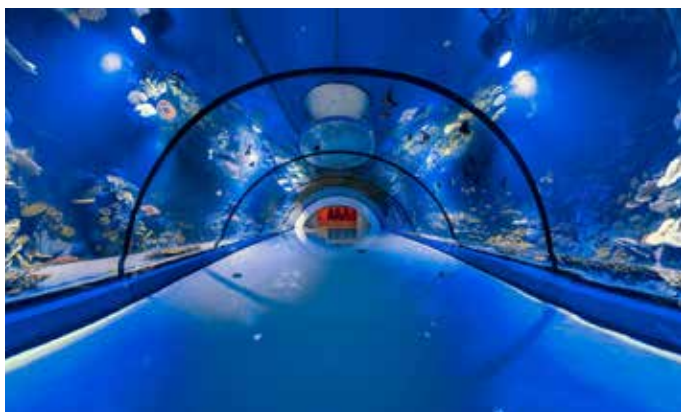


# Aquarium Solutions

ALPENTHERME celebrates 20 years of wellness with the new 'Swim-In' marine aquarium



New underwater world, with 300 m<sup>3</sup> of seawater and around 500 sea creatures, fish and corals. Unique experience for guests to swim through a 9 metre tunnel surrounded by water and corals, face to face with colourful fish. The new swim-in aquarium is part of the renovation of the "Family World" area

## Specifications:

Installation of Life Support Systems (LSS) for aquariums and aquaculture plants.

**LIFE SUPPORT SYSTEMS (LSS)** life support systems for AQUARIUMS and AQUACULTURE « A set of equipment and technologies designed to maintain a controlled, healthy and stable aquatic environment for fish and other aquatic organisms »

These systems include:

- Filtration (mechanical and biological): removes impurities, sediments and organic residues from the water.



Project	Expansion and renovation, 300 m <sup>3</sup> seawater aquarium
Customer	ALPENTHERME Family Spa
Location	Salzburg - Austria
Products	Systems LSS
Application	Industry
Year	2024

- Disinfection: with ozone and UV to eliminate bacteria and parasites.
- Heating/cooling systems: to maintain optimal T.
- Control and regulation of chemical and physical parameters: ideal T, pH, redox, oxygen and salinity for different species.
- Aeration: provides oxygen to the water to ensure the respiration of aquatic organisms.
- Process: P 2-3 bar, T 40°C max, flow rates up to 1000 m<sup>3</sup>/h; High humidity and salinity environment.
- Pipes: UPVC / PE, PP/PE tanks.

## Advantages:

- LSS references and relationship with Aliaxis
- Constant proximity to customer/project right from the initial stages
- Flexibility, timely action and... TEAM WORK



## Aliaxis Italy present in the Aquarium & Aquaculture sector



## International presence (EMEA and IBD)

