

Albany Stadium Pool & Leisure Centre

Scope of Work

Albany Stadium Pool is a different offering to other pools in Auckland Council's leisure network, focusing on fun and recreation.

This facility has something for all ages with play and progression in mind. A zero depth splash pad provides toddlers with their first aquatic experience, while the shallow kids' pools will include slides, water cannons and a large play structure for kids to develop confidence in the water.

For the more confident kids and adults the leisure pool can be set up for an array of water activities and structured lane swimming and has a permanent climbing wall in the deep end.



Engineering Features

- Two pairs of large Air Handling Units are used to provide ventilation to the pool complex. The heat from the exhaust air is recovered via a run-around water coil in each of the extract air handling units and is used to preheat the supply air in favourable atmospheric condition.
- The Supply Air Handling Units are also fitted with hot water coils for tempering the air during winter.
- 2 x 850kw gas fired hot water boilers are located in the plantroom to act as the heat source for both the ventilation as well as the pool heating systems. Hot water is supplied to the pool water circulation system via six heat exchangers - one for each pool area.
- The gym and the fitness areas are fully air conditioned via ducted indoor air handling units connected to individual direct expansion reverse cycle condenser units on the roof. A fully fledged Building Management System (BMS) is installed for control of the installed services including lighting control and energy management. The system can be accessed remotely via web based software.

Project Highlights

Project Start: August 2015
Project Finish: April 2017
Value: \$1.8 million