

## Kilbirnie Pools, Wellington

### Scope of Work

The Wellington Regional Aquatic Centre wanted to expand its facilities in Kilbirnie to include a swirl pool, kids entertainment and cafe area.

It contracted McAlpine Hussmann to supply ventilation systems to the new development as well as the provision of heat pumps to heat the pool, and a BMS to manage the temperature of water flowing into the pool.

The value of the project was \$670,000.



### Engineering Features

- We used two refrigerated heat pumps designed by a team of engineers at our Auckland branch. The heat pumps have heat recovery ability to ensure optimum energy efficiency on site.
- We also supplied ventilation systems - six large supply and extract fans - to the changing rooms, cafeteria, and general pool area.
- We supplied and installed a BMS to regulate the temperature of the pool.
- We supplied and installed a large hot water storage tank

### Project Highlights

One of the project highlights was being able to use our own staff to complete the majority of the installation - experienced engineers from our Wellington branch.