

## Westfield Shopping Centre, Chartwell, Hamilton

### Scope of Work

Like many other Westfield shopping centres around the country, Chartwell Shopping Centre in Hamilton has had an upgrade with an additional 25 store spaces added to the centre, a new supermarket, a new cinema complex, and a revamped food court.

McAlpine Hussmann provided all HVAC services to the centre's extension which included a new chiller, pumps, two cooling towers, a central kitchen extract, as well as upgrading the centre's existing air conditioning system.



### Engineering Features

The project included upgrading Westfield Chartwell's existing mechanical services system including:

- Replacing the old chiller and cooling tower, pumps, air handling units and control system.
- A central kitchen extract system was also installed for the new revamped food court tenancies.

### Project Highlights

- One of the challenges of the project was to carry out the work required, while continuing to provide HVAC services to the existing tenants.
- The fitout of the new and existing shops required immense planning, resources and after hours work as the mall had been in operation throughout the period of the contract.
- The change over from the old pneumatic control system to the newly installed digital controllers was also a planning challenge, keeping in tune with the mall operation.