



Name:	Hazeldean Business Park	Client:	Calder Stewart Industries Ltd
Specifying Authority:	Climatech (rebranded Haden in July 2010)	Site Location:	Cnr Hazeldean Rd and Lincoln Rd, Christchurch
Value at Completion:	Approx \$2.6 million	Year Completed:	2010

Project Description: Hazeldean Business Park is a commercial office complex comprising, several multi level buildings supported by a campus cafeteria facility and multi-level car -parking.

The HVAC services to each building are made up of several separate (floor by floor) Variable Refrigerant Flow simultaneous heating and cooling air conditioning systems, as well as dedicated toilet and Spill Air systems. Heat recovery fresh air supply systems provide the economic and efficient delivery of fresh air to the building by extracting the waste heat from the building exhaust systems.

The largest building on this site has been designed to attain a 4 Star Greenstar rating from the New Zealand Green Building Council. Haden's (formerly known as Climatech) expertise and knowledge in this area was utilised to design the HVAC system that maximised the owners Greenstar application.

Technical Highlights:

- Design and Build HVAC solution for each building within the park
- Provided timely and effective tailored life-cycle solutions incorporating Design, Manufacture & Supply and Installation

AIR CONDITIONING
& MECHANICAL
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EXPERTISE • COMMITMENT • RESULTS



- Incorporation of energy efficient HVAC system to meet Green Star requirements
- Final system commissioning
- Ongoing Service and Preventative Maintenance

Environmental and Safety Initiatives:

- Site specific requirements to comply with Calder Stewarts Health and Safety regulations and inline with Haden's Safety program
- HVAC system designed with heat recovery airconditioning systems to drive energy efficiency

Personnel:

Project Manager: Jo Cox
Design Manager: David Chenery

Reference:

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25 September 2009

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Dave Chenery
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CHRISTCHURCH

REFERENCE

Calder Stewart enjoys a project partnership arrangement with Climatech on a number of our design build development projects. Their service ranges from initial advice at project conception and budgetary pricing, through to final system design, manufacture and installation, including commissioning and ongoing preventative maintenance.

They are well able to present a number of alternative HVAC system designs and budgets, which allows us select the most appropriate solution to carry through to completion. Climatech has always maintained a high level of commercial integrity in relation to our projects and delivered final HVAC systems that meet our performance requirements at competitive prices.

We have enjoyed the benefits of Climatech' s expertise for in excess of 10 years and more recently they have provided a high degree of input and engineering advice into our most recent GreenStar building development at our Hazeldean Business Park venture.

Yours faithfully,
CALDER STEWART INDUSTRIES LIMITED



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