

# Metlifecare - The Poynton, Takapuna

## Scope of Work

A new retirement village with apartment complex comprising eight linked buildings, up to seven levels high over a full site basement carpark. The site covers an area of 1.8 ha and includes:

- 246 apartments
- 15 serviced apartments
- 5 care suites
- Communal facilities including restaurant, cafe, lounge, swimming pool, gymnasium, bowling and croquet green
- Extensive landscaping to site and central podium courtyard

The project was staged over seven years and McAlpine Hussmann provided the complete detail design, supply, installation, service and maintenance of the HVAC services for the complex.



## Engineering Features

- Each apartment has self-contained fresh air, toilet and kitchen ventilation system and a hi-wall heat pump split system installed in the lounge.
- The communal facilities are air conditioned with centralised Variable Refrigerant Flow (VRF) air conditioning system.
- The swimming pool is heated with a gas fired boiler and an air handling unit with hot water heating coil and a heat recovery system from the exhaust ventilation.
- The carpark are mechanically ventilated where required and controlled via CO<sup>2</sup> sensors.

## Project Highlights

|                 |            |
|-----------------|------------|
| Project Start:  | March 2008 |
| Project Finish: | April 2015 |
| Value:          | \$3.0 M    |