

Bishop Julius Hall - Canterbury

Demand Duo internal



Bishop Julius Hall has been serving the University of Canterbury students for almost one hundred years. The new sixty bed block building has been engineered by Cosgroves based in Christchurch.

Halls of residence

Solution summary

A Demand Duo continuous flow with storage backup system comprised of:

- 1 x 315 L storage cylinder
- 4 x Rinnai INFINITY HDi200 internal water heaters

Hot water requirement

Hot water system to meet peak hour demand for a sixty bed accommodation block equipped with high performance showers and basins.



The system offers the flexibility of sizing the appropriate number of Rinnai INFINITY water heaters and different hot water storage capacities to supply specific hot water volumes.

Rinnai solution

A Demand Duo system that uses a combination of four Rinnai INFINITY HDi200 internal units, a 315 L storage backup cylinder, and individual flueing terminating horizontally through a wall. This type of system is used where the total water demand during the day's peak hot water period is known, but the rate of use varies.

Installation details

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| • Date of installation | December 2015 |
| • Installer | HPPS Ltd |
| • Specifier | Cosgroves Limited |