

THERMANN CASE STUDY – Beatty Park Leisure Centre



PRODUCT

System One:
5 x Thermann
50L Manifolded
Commercial
Continuous Flow

System Two:
3 x Thermann 32L
Manifolded Commercial
Continuous Flow

LOCATION
External

GAS TYPE
Natural Gas

OPTIONS
System controller, Remote controller
(Included on 50L system)



DETAILS

- ▶ **STATE**
Western Australia
- ▶ **LOCATION**
Leederville
- ▶ **BUSINESS**
Leisure Centre

Beatty Park Leisure Centre has an Olympic sized outdoor pool, 2 indoor pools, a large gym and commercial café onsite. Over 800,000 people visit the centre every year, with approximately 40% of these visitors showering after their swim or work out. The centre is open 15 hours a day.

The old hot water plant consisted of 2 x 250 Heatmate's plumbed into two storage tanks, connected to a 400m ring main. This made it difficult to regulate water temperature fluctuations, and was expensive to run. To overcome these issues, the solution was to install not one, but two Thermann Commercial 'tankless' systems.

The job was completed in two stages. The first stage was installed in 2018 and involved installing a 3 pack 32L commercial manifold to service hot water to the Gym end of the building. In the process, 10 showers and the café's hot water supply were removed from the ring main. This eliminated the temperature fluctuations and helped to deliver hot water faster.

Happy with the result of the first installation, the decision was made in January 2020 to completely remove the old hot water plant and replace it with 5 x 50L Thermann Commercial continuous flow water heaters. This system services 34 showers for all the pools, and is located at the opposite end of the building to the gym.

One of the key benefits from using both the Thermann 32L and 50L commercial models is that they utilise condensing heat exchanger technology. With both a primary and secondary heat exchanger, they can scavenge more energy from waste heat to deliver over 95% thermal efficiency, which in this situation helps deliver up to \$14,000 in annual running cost savings.

Both tankless manifolds include system controllers and remote controllers, which share the load evenly across the manifold arrangement, for improved efficiency and durability.

Jeff Fondacaro from Beatty Park couldn't be happier with the outcome. "These units just keep powering away, and are saving me a fortune too. Thermann has been a great decision for our business".

Thermann Commercial Continuous Flow water heaters are available in 28L, 32L & 50L/min sizes, and thanks to their true commercial design come backed by a 5 year heat exchanger warranty, including 2 years warranty on parts and labour. For more information, visit your local Reece branch or download the Thermann Commercial Guide at www.thermann.com.au/commercial

