



# COMMERCIAL HEAT PUMP

## PARAP SWIMMING CENTRE - PARAP, NT



Darwin's redeveloped Parap Swimming Pool Centre has a clear aim: to provide the city with a world-class aquatic facility and community hub.

Designed for recreational use and catering for swimmers of all abilities, the new facility opened in early 2018, is also FINA compliant, thereby qualifying Darwin as an ideal host for major national swimming competitions and elite athlete training camps.

Jointly funded by City of Darwin, the Australian Government and the NT Government at a cost of over \$15 million, the facility features a 50-metre pool, a 25-metre program pool, a new office, a kiosk/café catering for 20, and user amenities including 6 showers.

### Hot Water Requirements

Rheem was tasked with providing an energy-efficient means of delivering a reliable hot water supply for the facility's change room showers and kiosk kitchen. The system also had to accommodate restricted plant room floor space, while providing redundancy.

### Solution

In order to fulfill efficiency requirements, Rheem supplied a heavy-duty Commercial Heat Pump that was also ideally suited to a centralised plant location.



## FACTS & FIGURES

### Hot water package:

- 1 x Commercial Heat Pump 953022
- 1 x Commercial Stainless Steel Storage tank RT1000SS
- 1 x Heavy Duty Electric 61305007 (in-line booster to shower block, for redundancy)

The Rheem Commercial Heat Pump system can provide 1000-litres of water over a one-hour peak period, and 3000-litres per day.

Installed by: Selter Shaw Plumbing, August 2017

Engineers: SCP Engineers & Development Consultants

