

JOB NAME: Parndana Community Pool

NO. 0112

LOCATION: Kangaroo Island, SA

The Parndana Community Pool is located at the Parndana Area School on Kangaroo Island South Australia. Access to Kangaroo Island is by car ferry from the South Australian mainland.

The pool is used by students but is also used as a public pool by the local community. Parndana is well known for its variable climatic conditions, often affected by cooler weather from the Southern Ocean.

Heliocol South Australia was initially approached in 2010 for a budget estimate to solar heat the swimming pool. Again in 2012 we were contacted for an updated estimate. In September 2013, after the local community had a fund raising drive and successfully applying for a grant, Heliocol South Australia was given the go ahead to install the solar heating.



The pool itself is approx 136 sqm in area with no other form of heating, except for a solar blanket. There was no separate solar plumbing incorporated in the pool, so the solar system was plumbed via the existing filtration lines.

The Heliocol solar panels were mounted on the roof of an adjacent recreation hall, with a run of approx 20 metres for the flow/return lines from the plant room.

The solar system consisted of 28 x HC50 solar panels which were fed by a Hurlcon CTX 400 pump. The system is automatically controlled by a Dontek V7 commercial solar controller.

The installation of the solar pool heating was commissioned in 3 days, although rain delayed some of the install.

The project was designed and overseen by Heliocol South Australia Distributor, Wayne Greenhill and was assisted by his solar consultants/installers Barton Sundqvist and Tom Pink.

Heliocol South Australia was proud to be associated with this project and was also very appreciative of the support of the local community and the Parndana School.

### TECHNICAL DETAILS

Pool Size 136 sqm

Size of Heliocol System

28 x HC50 Heliocol Collectors

Pumping Equipment Hurlcon CTX 400 Pump

Solar Control Mechanism Dontek V7 Commercial

