

JOB NAME: **Wyndham Vacational Resorts**

NO. _____

108

LOCATION: **Kirra Beach Queensland**

Wyndham Vacational Resort Kirra Beach contacted Heliocol's Gold Coast representative, Glen Charlton in July 2012 to see if solar pool heating could be adapted to their current gas pool heating system. Their main focus was to reduce their gas bill and their carbon foot print.

Glen designed a Heliocol solar pool heating system that would fit onto their small gymnasium roof. The system had to look very neat as all the balconies of the 14 storey building looked straight down onto the roof. The hotel management and the body corporate were confident the neat appearance of Heliocol would satisfy this requirement.



The pool was already being heated to 28 degrees by a Raypac gas heater. Heliocol fitted a Dontek H7-SV solar controller with an Automatic diverting valve allowing the water flow to the solar collectors to be controlled as required. The solar system either pre heats for the gas heater in the cooler months or fully heats without using the auxiliary heater in the warmer months. By using this automatic valve system, Heliocol was also able to utilize the pool's existing heat circulating boost pump and eliminate the running costs of an extra pump.

Even with the small roof area available, Heliocol was able to install 4 x HC50 panels and 11 x HC40 panels to effectively heat the 90,000 litre pool.

The system was handed over to Wyndham Vacational Resort engineers who are very pleased with the system's installation, the results achieved and the easy operation.

Wyndham Vacational Resorts are a world wide resort chain. They submitted an article in their inhouse newsletter to tell the world just about their Heliocol Solar Pool Heating experience.



TECHNICAL DETAILS

Size of Pool 75 sqm, volume 90,000 litres

Installed 75 sqm, volume 90,000 litres

82% solar coverage

Pumps Utilized existing pool pump

with automatic divert valve

Controller Dontek V7

