

## Needed to improve its energy efficiency and the reliability of its hot water heating system.



A 32- floor, 175-room apartment building opened in 2022 in one of the most unique residential developments in Melbourne's Docklands area.

Total CHP-15H 1unit



### Background

- Gas boiler systems are used in the water heating system of the facility.
- Gas consumption is high, and improvements are requested.

### Results

- Install CO2 Heat pump 15H×1 unit
- Installed a new and improved hybrid system that features high efficiency condensing boilers, a high efficiency heat pump, and twin coil storage tanks.
- CHP-15H provides hot water for morning use during peak load periods. The built-in timer also switches the hot water generator off at night, further increasing economic and sustainable efficiency.