



COMMERCIAL RAYPAK

MERITON INFINITY TOWER - BRISBANE - QLD

The Meriton Infinity Tower is Brisbane's tallest residential tower and one of Australia's most iconic high rise buildings. Located in the CBD, the 249 metre tower with 81 levels is currently the eighth tallest building in the country. The high quality architectural design with floor to ceiling windows offers stunning ocean and hinterland views to hundreds of luxury managed and residential apartments.

Hot Water Requirements

Two plant rooms each provide centralised hot water supply to two separate zones in the building. Zone 1 services 199 apartments from level 2 to level 24 & Zone 2 services 287 apartments from level 25 to level 64.

Solution

Raypak units were selected due to their ability to provide high volumes of hot water, whilst only requiring minimal footprint.

The Level 79 Plantroom houses 2 x Raypak B1722 heaters (natural draught flues) with 6 x Rheem 610430 Commercial Storage Tanks servicing levels 25 to 64.

The Level 25 Plantroom houses 2 x Raypak model BO992 heaters (power flued) with 6 x Rheem 610430 Commercial Storage Tanks servicing levels 2 to 24.



FACTS & FIGURES

Plant One (Level 79) - Servicing 287 apartments and providing up to 15532 litres @ 50°C rise in the first hour peak period with recovery of 13072 litres/hour @ 50°C rise.

Plant Two (Level 25) - Servicing 199 apartments and providing up to 10200 litres @ 50°C rise in the first hour peak period with recovery of 7740 litres/hour @ 50°C rise.

