



## Premier Inn Castleforbes



### PROJECT

The Premier Inn Castleforbes Dublin is a landmark development, featuring 262 bedrooms and a bright, inviting reception area. Situated in the heart of Dublin Docklands, this new build is Premier Inn's largest hotel in the city, spanning nine floors with a total floor area of 9,644 sq. m. The Castleforbes location marks the third Premier Inn project completed by Tech Refrigeration and Air Conditioning within three years, following the successful handovers of Premier Inn Georges Street Dublin and Premier Inn Newmarket Dublin.

### PRODUCT

Each bedroom in the hotel is equipped with Mitsubishi Electric HVRF Systems, providing the most advanced and controllable air conditioning solution available. The design of these systems prioritizes guest comfort by minimizing noise, as the HVRF indoor units are among the quietest on the market.

City Multi HVRF outdoor units deliver optimum comfort and efficiency using an innovative combination of unique 2-pipe refrigeration and water. Many buildings require a mix of simultaneous heating and cooling. The outstanding City Multi R2 HVRF system meets this requirement by distributing surplus heat from cooling operations (and vice versa) to rooms where it is needed. This efficiency can result in energy savings of up to 30% over conventional systems.

Additionally, the central control system installed allows for precise monitoring and regulation of temperatures in individual rooms. This ensures that unoccupied rooms do not have running units, thereby conserving energy and reducing operational costs for the hotel.



### CLIENT

Whitbread PLC, the UK's largest hospitality company and owner of Premier Inn, continues to demonstrate confidence in the Irish hospitality market by consistently increasing its bedroom targets for the country. Whitbread PLC currently operates six Premier Inn hotels in Dublin and Cork, employing over 200 people across Ireland. Tech RAC collaborated closely with Whitbread Group, along with the design and construction teams, to ensure a first-class installation, achieving the high standards expected by the client.

### CONTACT

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