



01



Installed System

Outdoor unit

Water-cooled R2 series



PQRY × 64

Indoor unit

Ceiling Concealed

PEFY × 566

Controller

Centralized Controller



G-50A × 12

Local Remote Controller

PAR-21MAA × 55

Simple Remote Controller

PAC-YT51CRB × 496



W Hotel Barcelona, Barcelona, Spain

The Challenge

The W Hotel Barcelona is listed as one of the most modern hotels in Barcelona beach, where is surrounded by the Mediterranean Sea.

The building, work of the architect Ricardo Bofill, has 476 guestrooms in its more than 99 meters high and 42,818 m² of floor area. The monumental structure overed with a reflective glass facade, includes many spaces to be air-conditioned. But surely, the great challenge that had to overcome Mitsubishi Electric was to air-condition the hotel without exporsing the equipments.

This work is aimed at pursuit of excellent appearance, so the company responsible for the air conditioning had to face a great challenge. At the same time, energy efficiency is also required under the strictest standards.

The Solution

Mitsubishi Electric's unique WR2 heat recovery condensers provided effective simultaneous heating and cooling throughout the branch without the need to locate any equipment outside. This was allowed to adapt the appearance of the building.

Use of the unique water cooled system overcame the challenge. Today, the W Hotel Barcelona is not only modern design, but also has an advanced technology in air-conditioning systems.

