



01

Installed System

Outdoor unit

Water-cooled R2 series



PQRY × 64

Air-cooled R2 series



PURY × 1

Indoor unit

Air to Water series



PWFY × 6

Ceiling Concealed

PEFY × 65

Controller

Centralized Controller



AG-150A × 2

Local Remote Controller

PAR-W21MAA × 7



Hotel Milano Scala, Milan, Italy

The Challenge

Milano Scala Hotel is a new charming accommodation facility opening in Milan in spring 2010. Located in Via dell'Orso, the heart of Brera, the city's renowned cultural and art district. Milano Scala Hotel, as represented by its name, is a prominent landmark whose interior is designed in the motif of worldwide famous theater and traditional opera house. The hotel is also located in a XIX century building and offers 62 rooms, including 11 Suites and Junior Suites, a restaurant, lounge bar, Sky Terrace Bar, three meeting rooms, a fitness and relaxation area and private car parking. The air-conditioning systems needed to cover all over the different types of rooms.

The Solution

Mitsubishi Electric has managed to provide the hotel, residential property and service industry markets with a complete product allowing providing air conditioning and producing hot water at the same time.

Air to Water system provides hot water supply using a VRF system.

The units in the series adjust the refrigerant flow depending on the thermal performance of the building. The system uses the direct expansion multi air conditioning system where the several indoor units or Air to Water series units can be connected to a single outdoor unit.

This technology makes the hotel to the city's first zero-emission facility, since all the necessary energy is produced without release carbon dioxide in the environment. Also, the system reducing the operating costs due to high efficiency.

