02

Installed System

Outdoor unit

Air-cooled Y series

PUHY × 169

Indoor unit

Ceiling Cassette

PLFY × 1,133
PMFY × 114

Ceiling Suspended

PCFY × 3

Ceiling Concealed

PEFY × 353

Controller

Centralized Controller

GB-50A × 32

Centralized Control Software

TG-2000A × 2

Wuxi Industrial Design Building,

Wuxi, Jiangsu Province, China

The Challenge

Wuxi Industrial Design Building locates beside the Taihu Lake beauty spot, and it's a work of a senior designer from W.S.Atkins Studio, which is the designer of the Burj Al-Arab Hotel.

As the most luxurious office building in Wuxi, surely it deserves a high-quality air conditioning system, especially on cooling and heating ability, low noise and energy saving. The owner claimed that the air conditioning system should request the smallest installation and service space. That means more office space should be available for the building.

Furthermore, the building is for sale or for lease to different users, who have different work time and different air conditioner usage. So, the air conditioning system must be stable and can operate independently, run under all weather and has a long operation life. Central charge system is absolutely needed to calculate electric fee for every tenants.

The Solution

The best solution for this case should be Mitsubishi Electric's CITY MULTI YHMC series air conditioning system, which has powerful heating and cooling ability. And the modularized outdoor units of CITY MULTI YHMC series which minimize the installation and service space, can run under all the weather and have a long operation life. Various indoor units, such as, PLFY-P VAM, PMFY-P VBM and PEFY-P VMM-S, are easy to be installed and need small service space, provide comfortable airflow as well. For building managing staff, GB-50A can not only monitor and control all the units, set the daily/weekly/yearly schedule plan but also supply the electric charge function. All the indoor units can operate independently depending on all the different users' requirements without energy wastes.