

## **Mitsubishi Electric carries out the climatization project for the Auckland base of team Luna Rossa Prada Pirelli**

**Milan, November 10, 2020** – In the context of a two-decade-long collaboration with the Prada Group, Mitsubishi Electric carried out the air conditioning project for the Auckland, New Zealand, headquarters of Team Luna Rossa Prada Pirelli, which in 2021 will be taking part in the 36th America's Cup.

The team needed premises from which to be at their best in setting this challenge, that could include the hangar in which to store and maintain the ships, service spaces (offices and warehouses) and hospitality areas: restaurant, guest cafeteria, reception, retail shop. Mitsubishi Electric took care of supplying the climatization system for heating, cooling, sanitary water cooling and heating, as well as supporting the designers with the installation and testing. Due to the pandemic, the initial project was deeply revised, cutting costs and time: the designers needed to identify a technological solution that allowed them to assemble, install and remove the system much more quickly than initially devised. The project therefore shifted from a masonry design to a pre-fabricated unit using marquees and containers.

Mitsubishi Electric designed the heating and cooling system using direct expansion, heat recovery VRF systems which can be used in parallel, cooling one part of the space and heating the rest according to specific needs.

The system is supervised and managed through Mitsubishi Electric's control services, which interface with the building management systems to allow remote control and supervised

management from a central point. Where needed, adjustment controls were fitted allowing direct local management by the user.

Using a high efficiency heat pump ensures that there are no CO<sub>2</sub> emissions linked to burning solid fuel to produce heat, nor fine dust or particulates.

The project was influenced by the difficulties of the coronavirus pandemic and meant that Mitsubishi Electric had to adopt a new approach that can be replicated in future applications: being unable to work physically on location, the entire Mitsubishi Electric engineering team remotely supported the Prada engineering team, designers, technicians and mechanical engineers working locally in order to find the exact layout and identify suitable units for the specific installation.

Fabrizio Maja, Division Manager of Mitsubishi Electric Air Conditioning Division commented: “This experience represented for our company a new approach that can be replicated in future; together with the flexibility of our diverse lineup, it allowed Prada to face a new challenge with the same partner, with a modified solution compared to the original project, but with the high performance required to reach the initial goals”.

The long term collaboration between Mitsubishi Electric and the Prada Group means that when the headquarters is dismantled, the solutions employed will be used in other installations.



### **Mitsubishi Electric**

Mitsubishi Electric, with nearly 100 years of experience in production, sales and marketing of electrical and electronic devices, is widely recognized as a leading company at international level. Mitsubishi Electric products and components are utilized in many fields: information technology and telecommunications, space research and satellite communication, consumer electronics, technologies for industrial application, energy, transport and building. In line with the spirit of its corporate statement “Changes for the Better” and its environmental motto “Eco Changes”, Mitsubishi Electric aims at becoming a leading green company worldwide, contributing to wellness of community thanks to its technology. With over 142,000 employees in the world, Mitsubishi Electric in the past fiscal year

ended on March 31st 2020 reached a total turnover of 4,462.5 billion Yen (40.9 billion USD\*). In Europe it is present since 1969 with branches in 18 Countries: Belgium, Czech Republic, France, Germany, Hungary, Ireland, Italy, The Netherlands, Norway, Poland, Portugal, Romania, Russia, Spain, Slovakia, Sweden, Turkey and United Kingdom. The Italian branch, established in 1985, operates through 5 commercial divisions: **Air Conditioning** – air-conditioning for residential, commercial and industrial real estate, heating, dehumidification and air treatment; **Industrial Automation and Mechatronics** – systems and appliances for industrial automation and numerical control; **Automotive** – systems and components for control of car and motor vehicle devices. Support is also provided for the sales of **Semiconductors** and **Visual Information Systems**.

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*(\*rate of Exchange: 109 Yen - 1 USD. Source Tokyo Exchange Market on 31.03.2020)*