



Hotel

# Maritim Antonine Hotel & Spa



Chiller



VRF



air-to-water  
heat pumps

# HITACHI



©Albert Camilleri



©Albert Camilleri

**“Hitachi VRF systems were installed in the hotel’s extension in 2018 and they proved to be reliable and energy efficient”.**

*Mr. Robert Refalo, Titan International Ltd Service Manager*

### COMPLETE HVAC UPGRADE SAVES ENERGY

Combining retrofit & building extension, the 4\* hotel went through a progressive renovation of all the cooling and heating equipment in the hotel.

### HEAT PUMP REPLACES FOSSILE FUEL

For domestic hot water, the old building’s oil-fired boiler was replaced by a heat pump system consisting of 9 Yutaki units – making up to 45HP- combined with a 6000L tank.

### CHILLER & VRF ENSURE HOTEL’S COMFORT

Previous outdated Hitachi chillers was replaced with 2 more energy-efficient Samurai L heat pump screw chillers. New hotel’s extension was equipped with Hitachi SET FREE SIGMA and 102 indoor units, monitored with CSNET Manager 2.

**TOTAL CAPACITY:** 120HP (chillers) + 226HP /565kW (VRF)

*Contractor: Titan International Ltd*

[Read the full case study](#)



Cooling & Heating



Domestic hot water



Retrofit



New build



©Albert Camilleri



©Albert Camilleri



©Albert Camilleri

**Mellieha, Malta**



**2018-2019**