



Portuguese Catholic University – School of Medicine Lisbon (Portugal)

Project

The Portuguese Catholic University was founded in the 1960s and since then it has never stopped growing. In 2021 it became the first private education institution in Portugal to offer a medical course. With only 50 places for the first year and more than 600 students who have expressed an interest in applying, the new School of Medicine contributes to the innovation of medical training in Portugal, essential in such a difficult period, after the COVID-19 Pandemic.

Challenge

In the 2021, the Portuguese Catholic University was among 30 world institutions with the best results in the Sustainable Development Goal (SDG16). In line with these principles the new air conditioning system of the School of Medicine has been designed based on low GWP units, fully respecting the environment.

Solution

The modernization of the HVAC system is part of a big renovation process of Portuguese Catholic University, that includes current facilities and the construction of a new set of buildings for the campus in Lisbon. Going in detail, 1 NX2-G06/A 0424 chiller and 2 NX-Q-G06 0602P multi-purpose units, all Climaveneta branded, have been installed in the School of Medicine to grant heating and cooling in the new department, combining high energy efficiency and low global warming potential.

Technical data

Period: 2019 - 2022
Application type: School / University

System type: Hydronic System
Cooling capacity: 688
Heating Capacity: 314
Installed Units: 1X NX2-G06 /A /0424 2X NX-Q-G06 /0602P