



“We have a large student accommodation complex, which had a wet system installed. This proved extremely costly each year with maintenance and service, which also disrupted our students. Plus we realised that there were significant heat losses through the pipe network. We needed a system with maximum energy efficiency and low maintenance.”



Wet system substitution

Casa Do Brasil accommodation

in Madrid, Spain



Replacing old fashioned systems with silent technology.

Casa Do Brasil is a large student residence for the University of Madrid. After several years of enduring a noisy, inefficient wet system with significant heat loss and maintenance costs for over 100 rooms, they realised they needed to replace the heating system with a new, electric based one.

The electrical installer recommended the new Rointe D Series system, which uses natural air circulation to transfer heat rather than a complicated pipe network.

THE SOLUTION

The D Series radiators were chosen, partly down the advanced efficiency technology and due to the controllability over each radiator from a smartphone. They are also virtually maintenance free, saving a significant cost to the university each year.

THE RESULT

These energy smart radiators gave each student complete control over their own heating, rather than having the heating controlled by a central thermostat for all rooms. The noise from the wet system has now vanished, meaning the students can learn in a tranquil environment.

MINIMISING HEAT LOSS

A wet system uses a complex pipe network to pump heated water to each location. This causes significant heat loss the further the water travels. By installing the D Series electric system with advanced technology, Casa Do Brasil has now maximised their efficiency.

PROJECT FEATURES

Project owner	Casa Do Brasil
Location	Madrid, Spain
Heating system installed	D Series
Number of products installed	120
Year	2016

