



# CASE STUDY



## BUILD TO RENT HOUSING

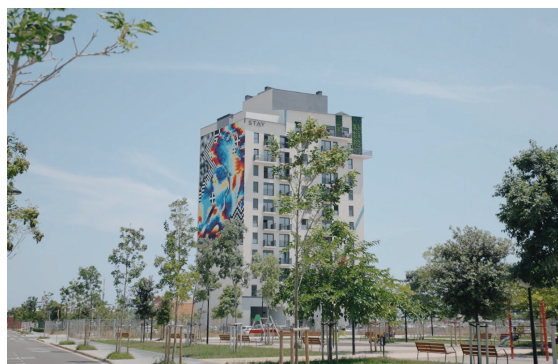
Designed with young people in mind, this new concept features customised air conditioning



### A New Housing Concept

In recent years, housing has become an increasingly unaffordable commodity for young people.

Since 2019, investment funds and developers have been looking to Build to Rent (BTR) – a "fresh living" approach which responds to the current market demand for professionalised rental housing. In Valencia, Stay by Kronos has developed 3 blocks, offering 331 one- and two-bedroom apartments with various common areas.



"We chose Carrier because we were looking for a company that was renowned in the market, which we could rely on to manage these buildings going forward; in addition, with Carrier, we benefit from excellent technical support and a 24/7 service."

Basilio de la Torre  
Founding partner, BT Ingeniería

### KEY BENEFITS

- The consumption of each apartment is controlled centrally by the block
- The demand for heat is covered at all times
- The units have PEP Ecompassport certificates which make it easier to obtain BREEAM or FITWELL certification

### Challenges and solutions

One of the premises of the project was to introduce a centralised air-conditioning system, a feature not widely seen in this type of building. This involved using two rooftop heat pumps which are connected to buffer tanks supplying the independent fan coils in each of the apartments. The consumption of each of apartment can be controlled at all times using meters and valves.

To ensure reliability and uptime, the units are equipped with a communication card and are connected to the ABOUND HVAC Performance platform, enabling the main parameters of the units to be monitored.

### TECHNOLOGIES

- 30RQP210R
- 30RQ-120R
- 42NL, 42NH and 42WM

