

# Air Hybrid System

To optimise and electrify a gas heating system with Unico

40% of the energy consumption of the European Union is attributable to buildings, where 80% of demand is linked to the provision of indoor climate comfort and domestic hot water (source: TEHA and Enel Foundation dossier, 2024.). In this context, heat pump air conditioners without external unit represent a key technology for improving efficiency and electrifying domestic comfort systems, with a low architectural impact, but the complete replacement of gas heating systems is not always possible.

In cases where the absence of building insulation or particularly cold external climates limit the use of Unico for winter heating, it is possible to convert the existing system into a hybrid system, combining the gas boiler with heat pump air conditioners.

The hybridization intervention is immediately accessible and effective, thanks to Olympia Splendid's B0999 wireless radiator control. Installed on existing terminals, it can be wirelessly connected to the heat pump air conditioner via the home wireless network. Controllable via the OS Home app, it allows scenarios to be programmed that activate either heating system based on specific conditions, so as to optimize consumption and comfort.

