



# Unico Provides the Perfect HVAC Solution for a Grade II Listed Renovation

## Introduction

The Coach House, a historic building within the grounds of the Georgian Grade II Listed Grove House near Thirsk, has been transformed into a modern living and entertainment space. By combining renewable technologies and advanced insulation, the renovation achieved energy efficiency while integrating

the versatile Unico HVAC System to ensure year-round comfort. The project required a heating and cooling solution that complemented the heritage features, met stringent Building Control standards, and delivered exceptional performance. High summer temperatures of up to 40°C in the bedroom highlighted the need for effective cooling.



## Strategy

The Unico System 1218 Air Handling Unit, paired with a Daikin split air conditioning system, was selected for its energy efficiency, quiet operation, seamless integration with the building's design and compatibility with renewable technologies. Unico also has the advantage of the discreet design of round outlets that align with downlights, maintaining harmony with the historic aesthetic.

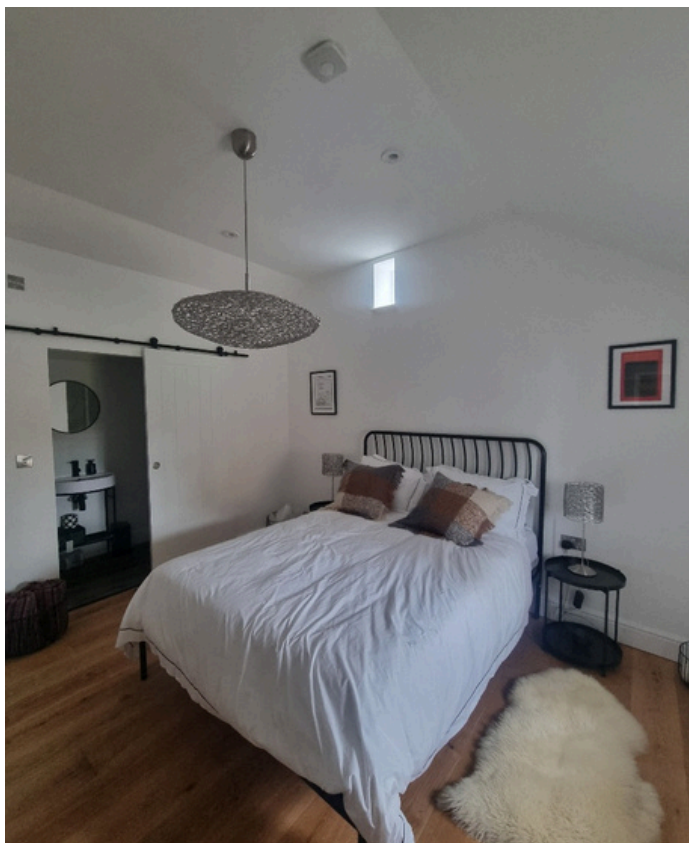
Local Unico Specialist Partner, Safegas of Wetherby, managed the intricate installation. They overcame challenges such as structural repairs, heritage preservation, and space constraints by creatively routing flexible ductwork and designing a balanced system that integrates unobtrusively with the property's interior.



## Results

The Coach House now serves as a comfortable, energy-efficient retreat with a modern entertainment area and guest accommodation. It has extremely low day to day costs and it has been estimated that when running, the Unico System uses around 500 watts, a very low consumption for the approximate 300 cubic meter space that has to be heated or cooled.

The project demonstrates Unico's retrofit potential for Grade II Listed properties, proving it's possible to combine historic preservation with cutting-edge HVAC technology.



Installation Date  
June 2024

Property Type  
The Coach House within the grounds of a Georgian Grade 2 Listed House in Thirsk

System Specification  
Unico System 1218 Air Handling Unit  
Daikin split air conditioning system