

# KENSINGTON IV GEORGIAN MANSION

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STUDY ONLINE



## PROJECT PROFILE

Design development and installation of property-wide air conditioning and ventilation during full refurbishment of a three-story and basement Georgian mansion in the heart of Kensington.

## TECHNOLOGY

**Climate Control** - Comfort Cooling

**Mechanical Ventilation** -  
Centralised Extract, MVHR

### **Ductwork & Accessories** -

Ductwork, Volume Control, Fire Dampers, Access Panels

**Diffusers & Grilles** - Linear Diffusers, Linear Bar Grilles, Architectural Slots, Circular Air Terminations

**Filtration & Purification** - Fibre Filters, Carbon Filters

**Noise Management** - Acoustic Treatment, Attenuators, Acoustic Enclosure

**Controls & Monitors** - Control System

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The Calibre design team were very helpful in the early stages, designing solutions that would seamlessly blend within the original fabric. The project manager, whose eye for detail, experience and quality of workmanship, has given us a climate control system that is quiet, almost invisible and extremely effective.

**Private Client**

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INSTALLATION.  
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## DESIGN BRIEF

A full refurbishment of this three-story and basement Kensington mansion required detailed design development and coordination with the main contractor, building services consultants and interior designer to climate control the whole house through a visually discreet, high specification cooling system.

## SOLUTION

This property had very limited ceiling voids for concealment of equipment, which required innovative location of fan coil units in the eaves voids and in joinery. Specialist ventilation to the pool in the basement takes place through invisible slot diffusers in the rooflight recess.

Air terminals in the bedrooms are a combination of plaster-in slot diffusers and linear bar grilles, and slots routed into the joinery to remain as inconspicuous as possible; in the master bedroom, linear bar grilles are hidden discreetly in the wall just inside the coffered ceiling, making them completely invisible.

Controls strategy had a strong focus on the visual aspect, so sleek black wall controllers were specified to remain true to the interior design vision. The external unit also had to meet stringent planning regulations so was concealed in the property's front lightwell in an acoustic enclosure to minimise both noise and visual impact.

## LUXURY CLIMATE

Calibre Climate is London's leading practice in Consultancy, Installation and Aftercare for indoor climate systems to luxury properties.

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