

# QUEENS PARK I DETACHED TOWNHOUSE

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## PROJECT PROFILE

Property-wide architectural redesign and refurbishment of a three-storey Edwardian townhouse. Developing technical design for the whole-house climate control solutions with the luxury residential architect from a mechanical consultant's early design. Appointed by a prime residential main contractor.

## TECHNOLOGY

**Climate Control** - Comfort Cooling

**Mechanical Ventilation** - MVHR,  
De-centralised Extract

**Ductwork & Accessories** -  
Ductwork, Plenums, Fire dampers

**Diffusers & Grilles** - Joinery slot  
terminals, Linear bar diffusers, Air  
termination valves

**Filtration & Purification** - Fibre  
Filters

**Noise Management** - In-duct  
acoustic treatment

**Controls & Monitors** -  
Touchscreen local control with  
Bluetooth

“  
*I would be very happy to  
recommend Calibre to anyone  
considering installation and  
maintenance of air conditioning  
and ventilation within their  
home. The whole experience of  
working with them has been a  
pleasure.*

**Private Client**

CONSULTANCY.  
INSTALLATION.  
AFTERCARE.

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luxury climate



## DESIGN BRIEF

A Calibre design-developed and delivered CDP specification, liaising with the principal design team and main contractor to meet the overall client-directed architectural brief for this property in a Conservation area.

## SOLUTION

Concealed air-conditioning is provided to five key areas through the property, with MVHR throughout the basement floor. In all areas, air terminals within each space are carefully integrated with the interior design for the room. In the basement family room, study, and

ground floor living room, systems and their air terminals are designed with the bespoke joinery units for each space, with either routed joinery slots providing high-level supply air and extracting from the space, or completely invisible within the specialist joinery aesthetic. For the kitchen and upper floors, slot diffusers and linear bar grille devices are plastered-in flush with the wall finishes for a feature aesthetic, combining with the look and feel of each individual space. Each air-conditioning system has remote control provided via a modern yet simple touchscreen controller, complete with Bluetooth app interface.

## 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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