

# KENSINGTON V LUXURY APARTMENT

► [VIEW FULL CASE  
STUDY ONLINE](#)



## PROJECT PROFILE

Fully integrated comfort cooling and ventilation to main living areas of an apartment in a Victorian mansion block between Hyde Park and Holland Park, during a full strip out and refurbishment by a luxury London-based design and build contractor.

## TECHNOLOGY

**Climate Control** - Comfort Cooling

**Mechanical Ventilation** - Centralised Extract, Heat Recovery

**Ductwork & Accessories** - Ductwork, Plenums, Volume Control, Fire Dampers, Access Panels

**Diffusers & Grilles** - Air Terminals, Joinery Slots

**Noise Management** - Acoustic Treatment, Duct Attenuation

**Controls & Monitors** - Control System



*It was a pleasure working with Calibre on this project!*

**Shannon Proctor,**  
**D&B Project Manager**

CONSULTANCY.  
INSTALLATION.  
AFTERCARE.

**CALIBRE**<sup>®</sup>  
luxury climate



## DESIGN BRIEF

This highly bespoke fast-track project required detailed design input from the earliest stages to ensure a sensitive, state-of-the-art climate control system without compromise on either aesthetics and functionality. Liaising with the wider design team and other mechanical and electrical consultants facilitated development of initial concepts into a highly detailed design to align with the overall client intent.

## SOLUTION

In the reception room, a strategically placed unit in the wall between reception and the master bedroom provides supply and return air routes through two bespoke cast-iron feature grilles, architecturally aligned with the wainscoted wall panelling at high and low level to blend perfectly with

the modern heritage aesthetic. A similar solution serves the master bedroom, where equipment in the wall is accessed by a neat hatch concealed by artwork for minimal disruption during future maintenance. A horizontal unit in the kitchen joinery bulkhead provides supply and return air routes through discreet linear slots routed along the length of the cupboards.

Decentralised extract mechanical ventilation to the bathrooms and ensembles takes place through architectural air terminals positioned in the ceilings for minimal visual impact in the space. The system is centrally controlled from a sleek white wall-mounted controller in the utility room, and served by an external unit the roof, invisible and inaudible from the road and neighbouring properties to exceed local planning requirements.

## LUXURY CLIMATE

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

CALIBRE PRECISION CLIMATE CONTROL LTD

Noble House, Eaton Road  
Hemel Hempstead  
HP2 7UB

020 3191 9131  
sales@calibreclimate.com  
www.calibreclimate.com

**CALIBRE**<sup>®</sup>  
luxury climate