

# HOLLAND PARK II TOWNHOUSE

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## PROJECT PROFILE

A townhouse property on an exclusive garden square, replacing the existent failing comfort cooling system with new, fit-for-purpose climate control systems designed for luxury residential living.

## TECHNOLOGY

**Climate Control** - Comfort Cooling

**Mechanical Ventilation** - Centralised Extract

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

**Diffusers & Grilles** - Linear Diffusers, Linear Bar Grilles & Architectural Slots

**Filtration and Purification** - Fibre Filters

**Noise Management** - Acoustic Treatment & Attenuators

**Controls & Monitors** - Control System

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Having worked with Calibre on a number of high-end residential projects, I've been impressed by the quality of work delivered by the team. They are professionals in their field and know their job; their attention to detail and collaborative attitude is impeccable. This is why we never hesitate to recommend Calibre to our clients – we know the job will be completed to the highest standard.

**High-end residential main contractor, London**

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## DESIGN BRIEF

A 15 year old property in an exclusive garden square development in Holland Park with a Variable Air Volume (VAV) system serving the entire 5 storey property. This system required removal and replacing with new, fit-for-purpose climate control systems, comprising comfort cooling and mechanical ventilation.

## SOLUTION

Calibre was commissioned to design and install a whole-house climate control system to replace a dilapidated, commercial-grade Variable Air Volume system (VAV). This system required large ductwork, ceiling void space and large plant rooms to maintain the system.

The new comfort cooling and ventilation systems designed and

installed focused on a residential application – with increased comfort, more accurate and precise zone control, and silent operation to enhance living comfort. As a result, 800mm of additional ceiling height in parts of the basement, and extra floorspace throughout the entire property, was released back into useable living space.

The systems are finished with a combination of plastered-in linear diffusers and linear bar grilles, complementing the refined, understated interior design of the home. In the master bedroom suite and the ground floor formal dining room, linear diffusers are integrated into the cornice detailing to minimise visual impact. Narrow linear slot diffusers provide a sophisticated finish to the ventilation in each bathroom.

## 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

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