

## CASE STUDY:

# VRV Air conditioning installation

**SERVICE:** INSTALLATION

**PROJECT:** Cheval Gloucester Park

**CLIENT:** RSE

**DURATION:** 12 months

**VALUE:** £1.2million

“ Accent’s installation and communication throughout the project was second to none - real pleasure to work with ”

James Smith  
Project Manager, RSE

CASE STUDY: PAGE 1 OF 2

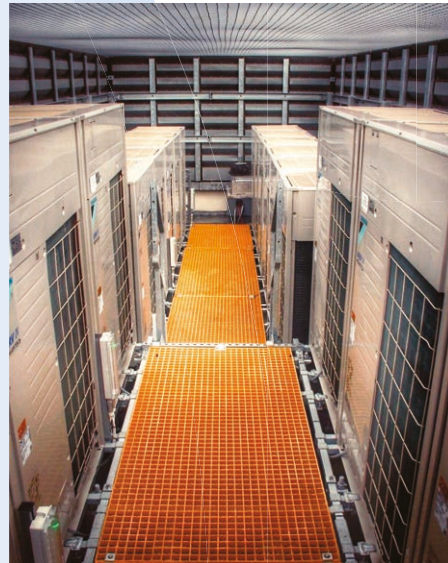
[ALL CASE STUDIES](#)

OVER 40 YEARS OF EXPERTISE

## Assets at-a-glance

<b>APARTMENTS</b>	300 Fan Coil Units 120 BS Boxes 34 Condensers 300 Controllers
<b>COMMS ROOM</b>	2x Split AC
<b>RECEPTION GROUND FLOOR</b>	20 Fan Coil Units 3 BS Boxes 1 Condenser 12 Controllers
<b>BASEMENT BACK OF HOUSE</b>	11 Fan Coil Units 11 BS Boxes 1 Condenser 11 Controllers INTELLIGENT TOUCH MANAGER™ and expansion pack





The interiors at Cheval Gloucester Park represent the very epitome of luxury accommodation. With this kind of a reputation to protect, when the mechanical services had exceeded their life expectancy, Cheval took the opportunity for an intensely thorough refurbishment of the entire building. Calling in the highly respected re-fit experts, Beck Interiors, Cheval could be confident that the work would be carried out to the highest possible standards, insisting that all aspects of the VRV air conditioning system would come with a 7 year warranty.

Beck charged RSE with the task of overseeing this aspect of the project and RSE in turn called in Accent, aware that their Daikin D1+ Premium partner status would allow them to deliver this requirement. The decision to appointment Accent was made easier still as Accent already numbered Cheval among their clients, and with over 40 years at the forefront of the industry, have a reputation in air conditioning that's second to none.

### Foundations for success

This was to be a phased project, working floor by floor from the top down. The Interiors were stripped back to the bare walls and working from highly detailed drawings supplied by Beck Interiors, Accent set about the task of fitting all the duct work, domestic air conditioning units and controllers necessary for the many, individual independent circuits that a residential building typically demands. Accent's experience in this kind of installation ensured once again that they were able to work around other contractors to ensure smooth workflow and all tasks successfully carried out to deadline.

One unusual aspect of this project was that while Accent worked down from the top floor, other contractors were also working down - from basement one to basement two, to extend the lift shaft. A major structural undertaking, which Accent were comfortable working around when fitting an array of fan coil units and BS boxes to the basement/back of house.

### A few impressive statistics to give an insight into the scale of this installation...

- 650kg+ of R410a Refrigerant
- 12km of refrigeration copper
- 10km of control cabling

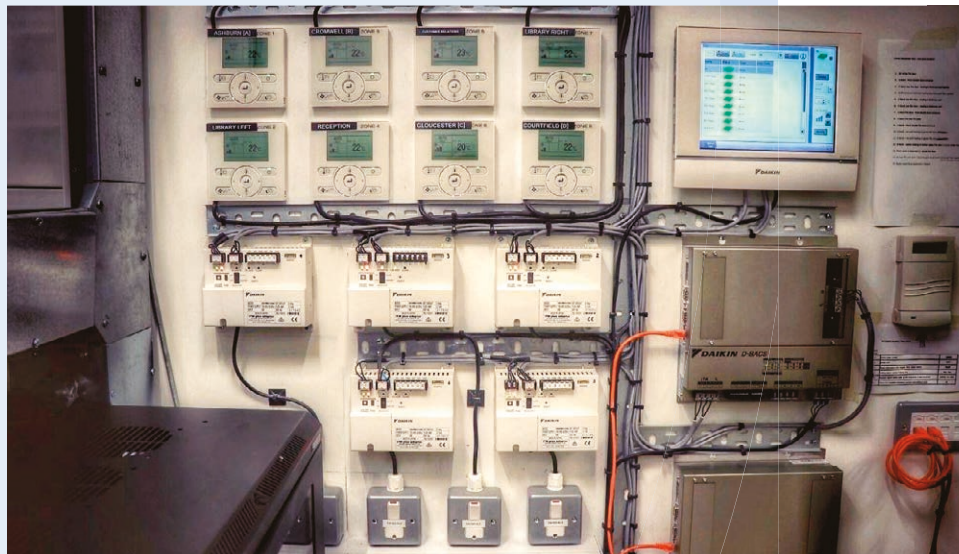
### Topping things off nicely

Once all interiors were complete, Accent moved upstairs and set about fitting some 34 condensers to the roof space. All that remained now, was to hook up the pipework and control system.

With so many individual units required, Accent fitted an expansion pack to the Daikin INTELLIGENT TOUCH MANAGER™ advanced multi-zone control system that would oversee the operation of the 300 fan coil units positioned across all floors of this highly prestigious residence.

### A measure of Accent's success

In all, this project took 12 months to complete and Accent are proud to have played a fundamental part in its success. We are also now delighted to have picked up the maintenance contract for the installation.



CASE STUDY: PAGE 1 OF 2

[ALL CASE STUDIES](#)

OVER 40 YEARS OF EXPERTISE

