

Batsford Arboretum – Cotswolds.

Extract canopy & independent supply-air systems

CASE STUDY

Client:



Situation:

Batsford Arboretum was initiated by Bertram Mitford (1st Earl of Redesdale) in the 1890's. Its much more recent visitor's centre is of a remarkable design and the café and kitchen within it, became due for an upgrade including equipment, layout, branding and ventilation. This all had to integrate with the unique shape and structure of the building without impinging upon the visitor experience. Space Group took the project on and engaged with Kitchen Vent Technical Ltd to deliver a sympathetic ventilation system to comply with all of the latest standards & best practice.



The KVT Solution:

In particular, the low-curved structural roof & supports dictated that the ductwork and fixings would remain on view and so a feature was made of this requirement. Special finishing of details which would not normally be visible was made a priority. A unique solution was found to accommodate "crossing-ducts" in the low roof-vaults, by splitting the supply-air intake into four separate systems each with their own fan, heater-battery and controls. The extract had to have a low-noise, low-profile discharge in a service area, to avoid intrusion upon the surroundings.



Why KVT:

- ✓ KVT fitted ClearAir peripheral extract canopy utilising front connections for the extract allowing space above for return air.
- ✓ KVT fitted full length splashback wall cladding & provided a carefully engineered, low-maintenance system with easy cleaning-access.
- ✓ KVT provided full commissioning, balancing & setting to work of the system on completion.



Customer Feedback:

"Picking up a project that had been poorly designed by 'other parties' is never easy, especially when what had been designed was a long way from compliant. Although the final ventilation system ended up costing the client more money initially, KVT ensured that what was installed was the correct, compliant solution and therefore ultimately saved the client from what would have been a costly and disruptive situation. KVT's installation was again, a smooth and coordinated process with a very happy client."

Chris Lee – Head of Consultancy – Space Group.

