



Deluxe Residential Case Study

The draught-free Hi-Velocity mini duct system blends perfectly into this opulent, listed building

Client requirements

A property developer, AMM Construction Ltd, renovated this luxury house and listed building in Oxshott, overlooking the Surrey countryside. The house is situated in 4.5 acres of cultivated gardens, with a cinema, indoor and outdoor swimming pools, helicopter pad, multiple bedrooms and an historic banqueting hall.

The requirement was for an energy efficient heating, cooling and fresh air ventilation system, which would integrate unobtrusively into the listed building and complement the décor and interior design.

The solution

The developer chose the draught-free, virtually silent Hi-Velocity mini duct system to provide comfort cooling and heating, based upon his previous experience. Hi-Velocity is a discrete, simple and versatile indoor air quality system, which delivers heating, cooling, ventilation and air purification.

Cooling & Heating Sales Ltd designed, supplied and installed ten Hi-Velocity systems with total cooling and heating capacities of 110 kW and 200 kW respectively.

The systems operate in conjunction with sustainable energy, inverter driven air source heat pumps and incorporate LPHW heating coils. The air handling units have inverter-driven fans to provide a constant static pressure and ensure perfect temperature control in this multi-zone application. A central "smart" system ensured each room had individual on/off and rapid response temperature control. Different varieties of discrete outlets were chosen to complement the interior design of each room perfectly.

Follow up

The project was completed on time to everyone's satisfaction. The versatility of the Hi-Velocity system ensured that the aesthetics of the listed building were maintained.

Mr A Holeshowski, AMM Construction Ltd

"The Hi-Velocity system was the ideal choice for this project as a diverse range of air outlet vent plates in the walls, ceiling and floors were used to co-ordinate with the interior decoration of each room. Floor outlets were painted to blend seamlessly with the tiles."

Hi-Velocity
Systems™



Benefits

- Draught-free
- Heating and cooling
- Discrete
- Easy to install
- Space saving
- Energy efficient
- Fresh air option
- Quick temperature response
- Air purification option

Installed in

Offices • Luxury houses
Apartments • Hotels • Schools
Factories • Laboratories
Hospitals • Doctors surgeries
Universities • Restaurants
Shopping centres • Theme parks
Leisure centres • Libraries
Home cinemas • Care homes
Commercial kitchens



Cooling & Heating Sales Ltd is the UK's leading expert on mini duct systems

Call us today on 0800 731 6352 to find out how Hi-Velocity can be the solution for your project.

Email us at hivelocity@coolingandheating.info

Visit our website www.coolingandheating.info

Ask about our FREE product and installation training and FREE CPD presentations!