



Listed Function Room Case Study

The Hi-Velocity system solves overheating and enables this iconic room to be enjoyed all year round

Client requirements

The Jockey Club at Newmarket is a magnificent Grade II listed building and a popular venue for private and corporate functions. The iconic Coffee Room is the oldest of the reception rooms, dating back to 1752, and showcases a remarkable collection of famous equestrian paintings and historic racing trophies. The impressive bronze statue of the Classic Derby winner Hyperion can be viewed through imposing arched Georgian windows.

Unfortunately, the Coffee Room was unusable in warm weather due to overheating. The many windows are large and high-level. A discrete cooling system was urgently needed. A traditional unsightly air conditioning system would spoil the stunning setting.

The solution

One 19.5kW Hi-Velocity heat pump system provided perfect climate control. Cooling and back-up heating were enhanced by a combination of re-circulated and damper controlled fresh air supply. Provision has been made to fit an energy saving CO₂ sensor, which controls fresh air supply to match the occupancy of the room. English Heritage agreed the finish of white air outlet vent plates to blend unobtrusively into the impressive interior design.

Follow up

The discrete Hi-Velocity system creates the perfect indoor climate whilst maintaining the prestigious atmosphere. The Coffee Room no longer overheats and is enjoyed for events all year round.

Mr. Bob Senior, Consultant M & E Engineer, KJ Tait Engineers

The unusually shaped room was difficult to service with very little accessible wall-space, and only the tall ceiling through which to locate ventilation. Hi-Velocity outlets had minimal impact on the coved ceiling. The slim ducts were compact enough to fit in the existing timber roof structure without expensive or intrusive alterations. This delighted the Conservation Officer and the Club.

The Events Manager is pleased with the resulting environment in the room, which is appreciably cooler than before. This allows the Club to take bookings year-round. Previously they had to advise clients to avoid the room for large events in the summer months.



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

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