

Eton House, Richmond



Constant Air Systems Ltd were the appointed mechanical contractor to carry out refurbishment works within the offices at Eton House, Richmond. The works carried out consisted of the following.

New DX fan coil units have been supplied and installed on both ground floor and first floor areas. DX fan coil units have been installed at high level and within the walls with the condensers located in the basement.

New ductwork has been installed to each DX fan coil unit. Ductwork connects back to the existing air handling unit, located on the roof. The main branch for the supply system, travels at the perimeter of the office and branches to each DX fan coil unit with volume control dampers as necessary.

The extract ductwork is connected at either end of the office, with appropriate volume control dampers and fire dampers. The extract ductwork travels within the riser and connects back to the existing air handling unit on the roof.

A new Megaflo 250DD water heater has been installed, along with necessary pipe work to feed the basement showers and disable toilet. The ground floor toilets are served from a new multipoint water heater. The first floor toilets are fed from individual Hotflo water heaters. The existing mains cold water has been modified to serve cisterns, wash hand basins and water heaters. The hot and cold water services have been extended to serve the basement showers. A drainage is pump by a Sanispeed waste pump and connects back onto the existing stack.

New extract ductwork has been installed to serve three showers in the basement. The ductwork connects back to existing extract duct with a new extract fan.

The total contract value was circa £320,000