



ACP AIRCONDITIONING

PROJECT PROFILE

Coutts and Co, High St, Kensington

THE PROBLEM:

The Bank wanted to introduce a small quantity of fresh air to ventilate selected high prestige offices used by senior staff and clients. There was no other convenient location for the plant other than a small light well adjacent to the area concerned.

The client also required a high degree of filtration with panel and bag filters, plus activated carbon to remove food smells from adjacent properties. Also specified was a minimum humidification level during winter and a full integral control system.



THE SOLUTION:

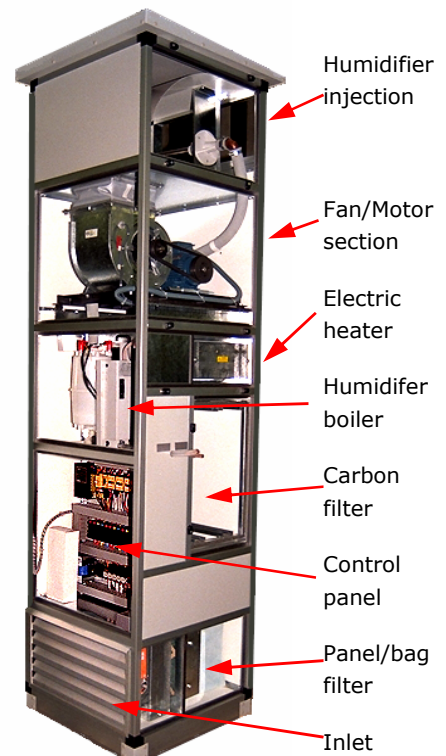
A vertical external AHU was designed with air entering at low level and being discharged to ductwork horizontally at high level, ready to pass into the false ceiling void above the ventilated spaces.

In sequence the AHU contained : Weather louvre, shut off damper, electric frost heater, panel and bag filters, activated carbon filter, main electric heater, supply fan and electric humidifier.



TECHNICAL DATA:

Air flow was 0.32m³/s with 130pa allowed for external ductwork. Plan area of the Unit was reduced to 700 x 700mm and overall height 2800mm. The system control panel was recessed into the side of the Unit, fully prewired internally, leaving just power supply and some control links to be made on site.



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A C P Airconditioning do not employ a direct sales force, but if you require a visit from a technical engineer so that you are able to learn more about the company and its products please contact us and we will contact the exclusive sales agent for your area.

PRESENTED BY



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