



ACP AIRCONDITIONING

PROJECT PROFILE

The Said Business School

ACP have designed, manufactured and supplied 7 **Eco-Vap** units for internal plant room mounting.

Each AHU with airflows between 1.3 and 5m³/s operates with 100% Supply and Extract airstreams and is designed to supply air to the space at a constant 18C. About 30% of the required cooling is achieved by the **ACP Eco-Vap system**. This incorporates a double plate exchanger.



The smallest AHU is 4000L x 1150W x 2150H supplied split into 3 sections for handling purpose with overall weight 2000 kg.



Additional cooling is provided by a single stage of DX refrigeration with the circuit fully factory piped inside the AHU using R407C refrigerant. The condenser coil, for heat rejection is located in the exhaust airstream.

Each AHU has an integral Control Panel operated by a Trend DDC unit to control all functions and communicate with the site BMS.

Consultant:

Whitby Bird

Contractor:

Fred G. Alden
Heating Ltd,
6 Aristotle Lane,
Kingston Road
Oxford
OX2 6TS

Client:

The Said Business
School

Oxford University



Other Products from A C P Airconditioning;

"Consort 2000" Advanced Air Handling Units.

"Regal" Water control Fan Coil Units.

"ECO-COOL" Silica Gel Cooling Equipment.

"ECO-VAP" Indirect Adiabatic Cooling.

"Ambassador" Low noise level chillers.

"Special Products" Contact our sales office to discuss your specific requirements for any specials

PRESENTED BY



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