



# ACP AIRCONDITIONING

## PROJECT PROFILE

" 40 Strand, London WC2 "

### The Problem

The roof area available for AC plant was very limited. The system design necessitated the close control of absolute humidity with minimal electrical consumption.

BWP chose a desiccant cooling system to operate in conjunction with a chilled ceiling to achieve the required conditions within the space.



### Technical Data.

#### AHUs 1 & 2 (6.6m<sup>3</sup>/s each):

Basic Dimensions 6100 long x 2800 wide x 2900mm high, with common corridor 1000 wide.

#### AHUs 3 & 4 (4.6m<sup>3</sup>/s each):

Basic Dimensions 6100 long x 2500 wide x 2425mm high, with common corridor 1000 wide.

### The Solution.

Two main AHU's each rated at 6.6m<sup>3</sup>/s were constructed for parallel site location with the space between bridged by a common access corridor. This arrangement minimised the roof area required and effectively formed a plantroom with clean overall appearance.

A second pair of smaller units were also supplied with a similar internal layout. The two pairs of units were each fully factory fitted out, with the corridor housing pumps, pipework, fittings, control panels etc. When completed the site contractor had only to make power, control connections and CHW and LTHW mains to each package before final commissioning.

Client:

Land Securities  
London  
WC2N 5AF

Consulting Engineers:

BWP Plc  
The Mill  
Station Road,  
Ardleigh,  
Essex  
CO7 7RS

Contractor/Installer:

Haden Young Ltd  
Oxford House  
Watford  
WD1 1HA

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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