



**PERT BUILDING SERVICES LTD**  
**Air Conditioning Engineers**

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Our Ref: OJR/KEW/5724

23 January 2007

Peter J French RIBA  
18 Thurlow Place  
London  
SW7 2SP

RECEIVED  
20 FEB 2007

Dear Sir

**Re: 37 Eagle Street – WC1**

Further to our recent discussions with regard to the height of the condensing units which would provide the cooling to the fan coil units serving the above premises we have pleasure in enclosing solutions to provide a lower profile.

Our first solution is to replace the RZQ100B8V3 condensing unit which serves the basement café area with a new comfort inverter condensing unit type RZQS100BV3 which has an overall height of 770mm. The RZQ125B8V3 being 1350mm high would need to be re-sited and as you have suggested this could be above the ground floor extension roof, bracketed off the wall above the level of the fresh air unit. To enable you to make a decision on this proposal we enclose a leaflet depicting the unit together with sound level readings.

~~Should the above be unacceptable a compromise solution would be to replace the RZQ125B8V3 unit with a RZQS100BV3 which could then be installed on the roof as originally intended (please see drg no. 4900406/4). This would mean a reduction in cooling capacity of 1.56 kW but the calculated load being 6.5 kW would mean a deficit of only 0.25 kW.~~

We trust that the above combined with the information and illustrations provides help in solving the problem.

Should you require any further information or assistance please do not hesitate to contact us.

Yours faithfully

O.J. Roberts