



**TITLE: RED LION SQUARE  
London, UK**

IAC Bulletin AHU/03.00

**IAC EQUIPMENT SUPPLIED:**

**2 rooftop and 2 basement Quiet-Flow® packaged  
Air Handling Units (AHU's)**

This elegant office building in central London provides a first class example of IAC Quiet-Flow® Air Handling Unit technology in action. The two rooftop units, each handling an airflow of 18m<sup>3</sup>/s, have a tough weather-resistant colorcoat finish. The need for quiet operation - independent tests confirmed noise levels of just NR60/65 at 1 metre - was particularly important due to the close proximity of a block of private flats. The noise level in the offices themselves was measured at below NR35.

The two basement units, each with a capacity of 18.5m<sup>3</sup>/s, also have an interconnecting plenum. All of the units are equipped with supply and return air fans, VAV systems, controls, power wiring etc. and were fully tested and pre-commissioned by IAC.

IAC's client for the project was *Stanhope Kajima Developments*. Consulting Engineers were *J Roger Preston & Partners* with *Bovis* as Construction Manager.



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