

Apex Temple Court, London

Apex Temple Court, London is located off Fleet Street and involved the conversion and extension of an existing 1950s concrete framed office building into a 4 Star Hotel. The hotel has 184 bedrooms with restaurant, bar and gym facilities.

RSP provided full building services engineering solution and carried out an Environmental Impact Assessment to establish viability of green technologies that could be utilised.

Special design features include:

- LED Lighting throughout bedrooms
- VRF Heat Recovery System
- Inverter driven VRF condensers
- Energy management card system within bedrooms.
- Modular Combined Heat and Power system
- Power Perfector unit

The bedroom and bar areas have heat recovery VRF system installed which include ceiling void mounted fan coil units with associated supply and return air grilles. The VRF external condensers are located externally at roof level with each condensers being inverter driven. The domestic hot water and cold water is provided from the basement level plant rooms. Lighting is generally LED throughout the bedrooms and public areas.

Specialist CHP and Power Perfector units have been installed to reduce energy consumption and are also located within the basement level plant room.

