

CASE STUDY **Portsocken - London**

Brand New Bespoke Ventilation System From S&P

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Situation

Located on Portsocken Street, London, this project involved providing ventilation solutions for a large office building on its 9th floor. The challenge was twofold: the need to get the unit to the 9th floor and the presence of a brick wall in the designated room.

Solution

We supplied two bespoke air handling units that were designed to be flat-packed and rebuilt on-site, ensuring ease of transport and installation. This tailored approach allowed us to meet the building's exact needs while navigating around the obstacle posed by the brick wall.

Benefits

The DUOVENT® Modular unit offered a tailored solution that met the project's specific requirements for air volume and functionality. Its modular design facilitated easier installation within the plant room, optimising space utilisation. The inclusion of a Rotary Thermal Wheel Exchanger ensured efficient heat and humidity transfer, contributing to improved indoor air quality. Furthermore, the unit's packaged controls simplified operation and maintenance, enhancing overall system reliability.



S&P's bespoke air handling units not only fit perfectly into our specific requirements but also offered a cost-effective solution. Their ability to navigate around challenges was impressive.

Radoslav Genkov

Mechanical Engineer at Workspace Build Ltd



First DUOVENT rebuilt behind the brick wall

Second DUOVENT hooked up and ready to go



**S&P's DUOVENT, A range of customisable air handling units with air volumes up to 14 m3/s.
All models 50mm Double-Skinned Acoustic Panels to Reduce Noise with frameless construction,
providing the highest classification for both casing strength and air leakage.**

Customisable Features:

- Weatherproofing (Roofs/ Cowls/ Louvres/ Dampers)
- Dedicated lifting brackets for modular sections
- Run and Standby Fans
- Attenuators (to reduce noise)
- Lighting
- Portholes (to facilitate maintenance)
- Lockable Handles

The following finishes are available:

- RAL9002 (a grey-white colour)
- Galvanised Steel
- Stainless Steel
- C4 (Coastal Protection)
- Colour

The following Site Services Can Be Added

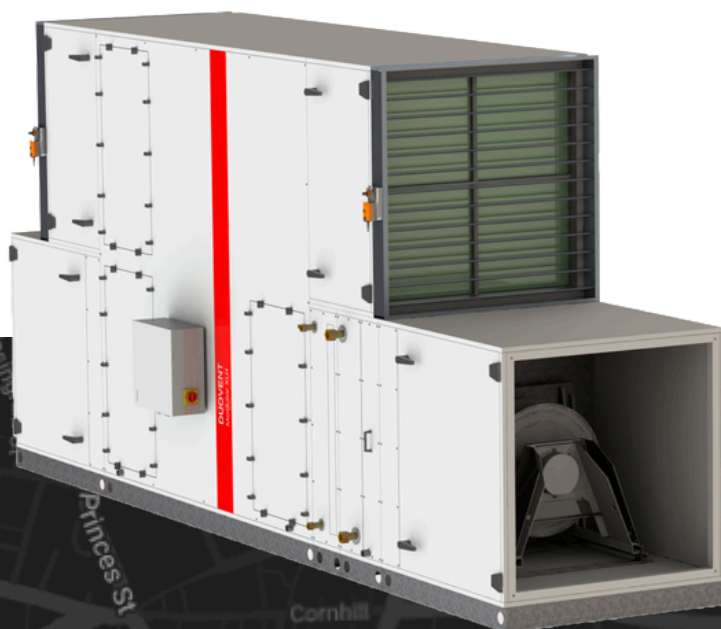
- Pre-Inspection
- Thermal Wheel Assembly
- Plate Exchanger Assembly
- Flatpack
- Bolt and Seal
- Casing Leakage Test
- Airflow Proving
- Wiring and Initial



This project was a testament to our team's adaptability and commitment to finding tailored solutions. Despite the challenges posed by the building's location and the room's layout, we were able to deliver a cost-effective and customised ventilation solution

Lee Page

Sales Director at S&P UK



WHITECHAPEL

Interested in discussing these projects further or exploring potential opportunities? Reach out to Ben Dilworth, Regional Sales Manager for Greater London and South East England

Contact Ben here: bdilworth@solerpalau.com
[07425 827820](tel:07425827820)

