

CLIENT:

Norland Managed Services

BUILDING:

Office Building
Central London

ENVIRONMENT:

Urban City Centre location



LOW ENERGY AIR FILTERS

IMPROVING AIR QUALITY, REDUCING WASTE, ENERGY CONSUMPTION AND CO2 EMISSIONS AND DELIVERING SAVINGS OF OVER £35,000 ON THE EXISTING FILTER INSTALLATION.

PROJECT PROFILE

This major bank is one of the world's largest financial institutions, serving individual consumers, small and middle market businesses and large corporations with a full range of banking, investing, asset management and other financial and risk-management products and services. Norland Managed Services are the FM provider for their 600,000 sq ft central London office building in central London.

In December 2012 Norland Managed Services approached Camfil with a remit to reduce energy cost across the HVAC process at the facility. Initially a Life Cycle Cost report was published highlighting the potential savings by utilising compliant Low Energy Air Filters within the Air Handling Units (AHU's). This proved extremely successful, demonstrating both energy savings and reductions in operational costs from improved air filter efficiency

and reliability (i.e. requiring fewer maintenance interventions).

A trial was agreed and AHU 4 was the nominated air handling unit for the trial. The project scope was to replace the existing filter bank consisting of pre-filter panels and rigid secondary filters with a single stage Hi-Flo M7 Bag Filter compliant to the new EN779:2012 standard, manufactured at Camfil's facility in Haslingden Lancashire. No modification to the framework was required.

The trial was carried out over a four month period with pressure and energy readings taken at specified times over the period.

OUR SPECIALIST WORK FOR THIS CLIENT...

- Expert air handling plant assessment
- Successful delivery and management of trial installations

DELIVERING BENEFITS INCLUDING...

- Improved air quality
- Using Camfil Low Energy Air Filters reduced energy consumption but also enhances the filters' service life, reducing waste disposal
- Reduced energy consumption and CO2 emissions - 26% savings
- Significant filter cost savings

THE CLIENT VIEW

Adam Higman, Engineering Manager for Norland Managed Services commented:

"This prioritised energy-reduction project demonstrates that significant savings can be achieved by working in partnership with trusted suppliers who deliver what was promised at the outset. The Hi-Flo M7 Low Energy Air Filters from Camfil provided significant energy reduction which assists us in achieving our client driven goals."