

Case Study

Natural Ventilation Strategy for Highbury College



Name: Highbury College

Location: Portsmouth, UK

Architect: Atkins Walyer Webster

Requirement: To install and commission window actuators as part of the natural ventilation system.

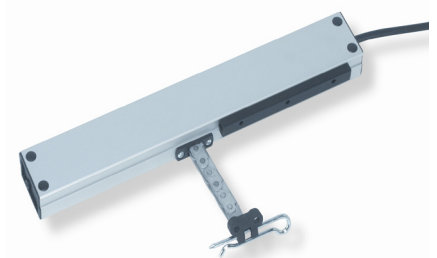
Challenge: To ensure actuators were install and commissioned ready to be wired into the BMS system by others.

Products:

- 82 SECO 20 Chain Actuators

Highbury College, located in Portsmouth, is a fine example of how our modern colleges should look and perform. Proud of their status as one of the highest achieving colleges in the area, the college has seen a multi-million pound investment in recent years and can now boast ownership of some of the most sustainable buildings in Portsmouth. SECO 20 Chain Actuators', from

SE Controls were specified to form part of the natural ventilation system being installed into the main building. These actuators have a proven long life expectancy and have been used extensively in window automation requirements on many UK projects. In total 82 actuators are linked back to the buildings BMS which maintains air quality and temperature within the classrooms and main communal areas of the college.

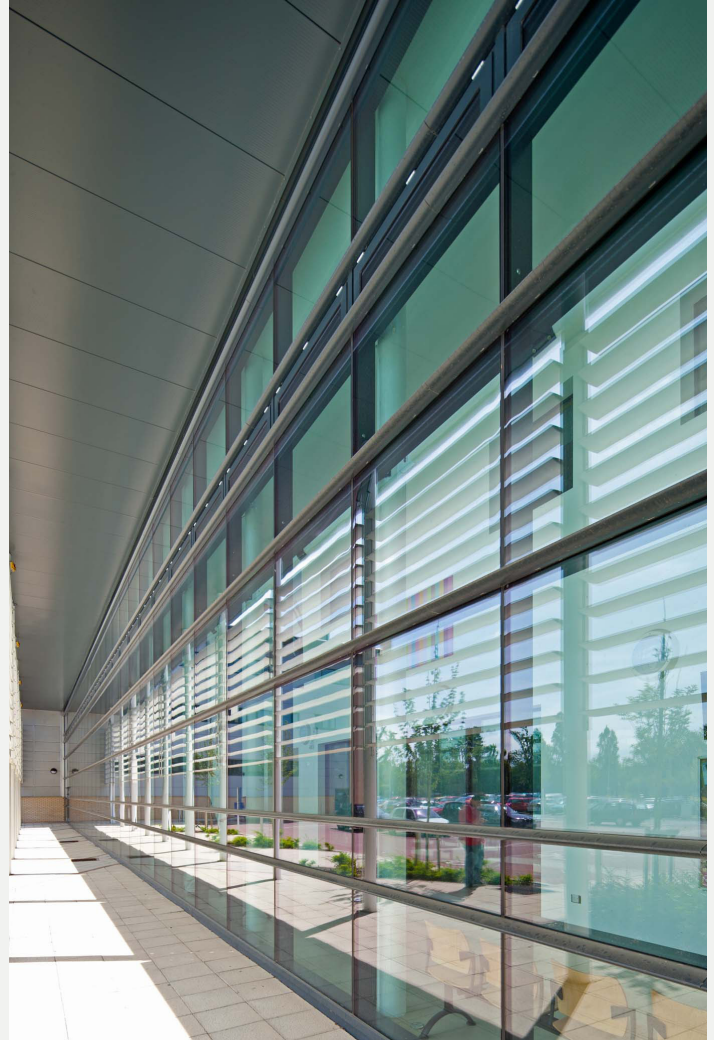




SE Controls were specified on the project as they were recommended by the window specialist, the SECO 20 Chain Actuator provided a low power drain on the BMS system as compared to other actuators currently available. By choosing low amperage actuators, cost savings can be made both in the fixed hardware required for control and save energy requirements over time.

The project required SE Controls to install the actuators on site and ensure that they were commissioned ready to be wired into the BMS system by others. Whilst SE Controls can offer a wide range of services from design through to installation and on-going maintenance, the flexibility of the services provided allows the company to quote for any window automation requirements and to closely liaise with other specialists on site.

SE Controls supply window actuators and sophisticated control systems to cover both natural ventilation and smoke control strategies.





SE Controls

Lancaster House
Wellington Crescent
Fradley Park
Lichfield
Staffordshire WS13 8RZ

Tel: +44 (0) 1543 443060
Fax: +44 (0) 1543 443070

Email: sales@secontrols.com
Visit us at: www.secontrols.com

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