

Case Study | Alder Hey Children's Hospital

Alder Hey in the Park



Dyer Environmental Controls Ltd were privileged to supply and install smoke & natural ventilation controls for Alder Hey Children's Hospital.

The Alder Hey in the Park project is the first of its kind in Europe, built entirely in a park with a design inspired by children. The redevelopment has created a world class, patient-friendly hospital, making a massive difference to 270,000 patients and families who visit.

Dyer supplied and installed smoke and natural ventilation control panels, drives, containment systems and wiring.

Working closely with the design and management team from Crown House Technology, the project was delivered on time and within budget. High level windows are prioritised to ventilated smoke. A second bank, triggered by BMS provides cross flow with façade windows as part of the passive ventilation scheme.

Name: Alder Hey Children's Hospital

Location: West Derby, Liverpool

Products used:

- RZN 4364-E SHEV control panel
- RZN 4332-E SHEV control panel
- CDC 200/600 drives
- RT 45 SHEV operation panel
- 32A rated smoke ventilation control panel (RZN4332)

RIBA



Royal Institute of
British Architects

RIBA awards champion and celebrate the best architecture in the UK. Successful projects show innovations in architecture that display a commitment to developing buildings and spaces for the enhancement of people's lives.

Awards Won by Alder Hey (2016):

- RIBA National Award
- RIBA North West Award
- RIBA North West Building of the year
- RIBA North West Sustainability Award

