



Project name Malcolm Arnold School

Market sector Education

Geographic sector Northampton

GDL products

Eco Active 100/200 and
300 Models

Intelivent Solarstore

Turrets

On/Off Dampers

Plate Heat Exchanger

Actuator

Fans

Project details

The new state of the art Malcolm Arnold Preparatory school in Northampton is due for completion in September 2016, the new two storey building will hold up to 420 primary school children. This new build school is on the same site as the Malcolm Arnold Academy and pupils will have shared access to extensive co-curricular and extra-curricular opportunities.

Project overview

GDL designed, manufactured and supplied a bespoke heat recovery system, part of our Eco Active range for the school. Our Eco Active 100, 200 and 300 models were selected to ventilate the school, each model handles different requirements depending on the room types and occupancies. Our heat recovery systems are an energy efficient way of maintaining a comfortable environment with a fresh supply of air essential for offices and classrooms.

We also manufactured and supplied our Intelivent Solarstore Units at the school. Our solarstore solution allows increased ventilation in summer and at times of high occupancy, and also improves the effectiveness of night-time cooling or night-purge. A solar photovoltaic cell is located on the roof of the penthouse turret itself, the power generated from the cell allows 24-hour supply or extract ventilation.

Benefits of using GDL Products on the project

- Our innovative Solarstore design allows 24 hour supply and extract ventilation.
- Energy efficient heat recovery system that will provide a comfortable environment for occupants with lower overall energy costs.

