



Project name . Davenhill Primary School, Aintree

Market sector - Education

Geographic sector . Aintree, Liverpool

#### Project details

GDL have recently completed the contract to supply the newly refurbished Davenhill Primary School in Aintree, with our Natural Ventilation Turrets and internal ventilation grilles alongside M&E Contractors The James Mercer Group.

The purpose of the school refurbishment was to replace the teaching accommodation with purpose built, flexible spaces that will greatly improved learning facilities for the pupils, whilst limiting energy usage where possible contributing towards a set sustainability initiative.



#### Project overview

The initial reconstruction phase at the School began in September 2010, this included the installation of solar panels and natural ventilation to help reduce the schools energy consumption.

Our Intelivent Penthouse turrets with internal ventilation grilles and controls package have been installed throughout the school contributing to their energy efficiency and sustainability programme.

Our Natural Ventilation turrets provide a controlled ventilation rate in summer and winter with low energy use, low maintenance and operating costs for the School.

#### Benefits of using GDL Products on the project

- **Our system allows a controlled seasonal ventilation rate that is both cost effective and energy efficient.**
- **Night purging facility reduces day time cooling by refreshing the room with cooler night time air. Fresher rooms give increase concentration levels.**

#### GDL products used on this project:

Intelivent Natural Ventilation Turrets and controls package, weather louvres, low leakage dampers and internal ventilation grilles including eggcrate grilles and ceiling diffusers.