



Project name – Meols Cop High School

Market sector - Education

Geographic sector - Merseyside

### Project details

GDL have recently completed the project to design, manufacture and install a bespoke Octagonal shaped Natural Ventilation Turret at Meols Cop High School in Southport, Merseyside.

GDL worked alongside Mechanical Building Services Engineers James Mercer Ormskirk and Main Contractors Capita Symonds to design a Natural Ventilation Turret suitable for the School extension yet architecturally pleasing.

### Project overview

The School has recently undergone a significant extension to create a library, an IT suite and two additional classrooms.

A Natural Ventilation solution was selected as the most appropriate ventilation method for the school's newly built areas. Ventilation demand changes depending on the season and occupancy levels, In a school occupancy in each room varies throughout the day, so a controlled ventilation rate using natural ventilation would be both cost effective and energy efficient.

The design selected by the Architects was an Octagonal shaped Turret to create a focus point on the roof of the building. GDL designed, manufactured and installed this bespoke Octagonal Turret at the client's request.



Bespoke Design Octagonal Turret Under Construction

### Benefits of using GDL Products to the project

- We offer bespoke design and manufacture to suit your exact requirements.

### GDL products used on this project:

Natural Ventilation Penthouse Turret and low leakage insulated damper