

# QUEEN ETHELBURGA'S YORK



## PROJECT PROFILE



“ What sets MP apart is their collaborative working and ‘one team’ approach to a complex, multi-disciplinary project. A pleasure to work with from conception to completion. ”

Simon Dibbs - Project Manager, Marshall Catering

## CHALLENGES:

MP's specialist Kitchen Ventilation team were called upon to provide a turnkey **design and build kitchen package** to one of the top ranked day and boarding schools in England.

The **purpose built, twin floor kitchen** to serve breakfast, lunch and dinner for almost 1000 students, was housed adjacent to boarding accommodation.

Stringent **noise breakout** combined with a requirement to maximise the **energy efficiency** of the ventilation system made this multi-faceted project a challenge involving MP's other in-house **specialist business units**.


## OUR SOLUTION:

Fully managed by the Kitchen Ventilation team, the project included the manufacture of 9 no. high capacity canopies combining **central island, SDU's** and **wall mounted** models.

**MP Acoustics** designed a full attenuation package to achieve **NR50** within the kitchen & **35dB(a)** at the accommodation adjacent to air inlet louvres. **MP Controls** provided an touch screen user interface to control energy usage, maximise indoor air quality & incorporate essential safety functions. The full project was completed by manufacture & install of a **thermally insulated** ductwork system

 **9 NO. HIGH EFFICIENCY KITCHEN CANOPIES (incl. SDU's).**

 **SPECIALIST SOUND ATTENUATION PACKAGE.**


 **BESPOKE ENERGY CONTROLS AND THERMALLY INSULATED DUCTWORK SYSTEM.**


 **100% IN-HOUSE DESIGN, MANUFACTURE & INSTALL ON-TIME & ON BUDGET.**



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**KITCHEN VENTILATION**