

➤ **CASE STUDY – LOUVRES WITH MOTORISED DAMPERS**

Project	Passmores School and Technology College
Location	Harlow, Essex
Products	EWL75 75mm fixed blade louvre panels with motorised dampers (with insulated aerofoil blades and tip seals for tight shut off)
Finish	Polyester powder coated 40 microns to RAL9006 "White Aluminium"
Job Type	Supply and installation
Programme	3 weeks manufacturing and 4 days installation
Architect	Jestico + Whiles
Main Contractor	Willmott Dixon Construction Ltd
Description	EDS were awarded the sub-contract to supply and install 18 number high level faceted fresh air louvre inlets with insulated motorised dampers behind and insulated wall sleeves and flashings to match. Prior to manufacturing EDS carried out a complete survey of all the openings before supplying detailed production drawings for approval.

An insulated wall sleeve was first fixed in to the aperture followed by the motorised dampers which were supplied with insulated aerofoil blades. We then fixed the louvre panel which was finished off with insulated flashing sections. The whole installation was then completed by fixing a linear bar grille to the inside face to give a "continuous" appearance.



**Energy Design Solutions Ltd**  
 3 Lower Street, Pulborough,  
 West Sussex RH20 2BH  
 T 01798 872240 F 01798 300560  
 E enquiries@energydesignsolutions.co.uk  
 W www.energydesignsolutions.co.uk