

## Case Study

---

Our Company was approached to design and install an extraction system to remove general odours and heat from a factory. The customer manufactures composite panels for use in the construction industry which pass through a number of treatments.

The general odour duct run was fitted with six extraction points each point terminating with 500cm x 500cm diffuser grills and plenum boxes fitted on the internal side of the wall at high level.

Each extraction point was fitted with a balancing damper to allow an equal extraction rate of 10m/s to be set across the system.

A carbon filtration unit was installed before the fan set to remove any odours arising from the process.

The drier beds were connected to atmosphere directly via connection from the fan inlets.

