



Mechanical Ventilation with Heat Recovery and Demand Control

Details Required

Floor plans, elevation and cross-section drawings

All are required for our designers to consider the possible route for ducts, and the placement of vent grilles. The position of wood burning stoves, if any, should be marked on the floor plans.

Joist details

Pozi-joists will be required to allow the passing of duct pipes through the building for the ground floor. If pozi-joists are not specified, this can lead to difficulties in running the ducts to the various ground floor rooms. It may be necessary to provide service spaces for the ducts.

General

- Location of your project.
- Your name, current postal address and telephone number.
- Planning application number, if possible.

Comparing Quotes

Air handling unit

- Check the technical specification of the units you are considering, by searching for the information on the manufacturers' web sites, if it was not provided with the estimate.

Type of duct system

Our estimate always includes for a system with ductwork manifold boxes, which are central hubs for ductwork from various locations to connect into. There is a diagram in our quotes as an example of a similar system.

- Check that the other company has included ductwork manifold boxes.

Demand control

We currently quote for a system that includes demand control. This means that the system has sensors to detect increased levels of carbon dioxide, humidity, or volatile organic compounds (VOCs) in the kitchen, wet rooms, bedrooms, and living areas. For example, when cooking dinner, the sensors in the system pick up the cooking smells and humidity from the kitchen, and expel the polluted air via the kitchen extractor vent. This draws in fresh air through the trickle vents in your windows, maintaining a healthy, comfortable atmosphere. If you are not having trickle vents, please let us know and we will quote for an alternative system.

- Check that the other company has included ductwork manifold boxes.