



## Mechanical Ventilation with Heat Recovery

### 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.

#### **Sensors**

We currently quote for a system that includes humidity and CO2 sensors. This means that the system has sensors to detect increased levels of carbon dioxide and/or humidity. For example, when taking a shower the humidity sensor will pick up the increased humidity from the shower room, and expel the moist air via the MVHR system's vent.

- Check that the other company has included humidity and CO2 sensors.