



Legend

Exhaust Out

Fresh Air In

Extract Duct

Supply Duct

Acoustically Insulated Duct

Thermally Insulated Duct

Rigid Spiral Duct

Insulated Spiral Duct

Rectangular PVC Duct

Duct Risers

Ceiling Mounted Grille

Wall Mounted Grille

Reducer

Fire Damper

Volume Control Damper

Zone Valve

Loft Mounted Air Unit

Wall Mounted Air Unit

Rega  
vent

Rega Ventilation Ltd  
21/22 Eldon Way  
Biggleswade  
SG18 8NH

Job Number: 1213181  
Daniel Bryars  
Apple Brook House, Horseshoe Lane  
Postcode: OX7 3NB

Scale 1:100 @ A3

RegaVent 300R HRV System  
(Wall mounted air unit)

180226CJH

Design Criteria

A: Warm Roof Construction.  
B: Rectangular 200 x 60 ducts to be  
concealed within floor insulation layer.  
C: Circular/Rectangular risers to be  
boxed into corner of rooms.  
D: Gable wall vents for inlet/exhaust  
at ground floor level.

Site Requirements by Others

Cabling:  
Power Supply - 240v - 13 amp fused electrical  
socket to location of central air unit.  
Controls - 10v - 4 core cable to be run to the  
proposed location of the Summer/Winter and  
boost switch.

Drainage  
A suitable 22mm drain point with U bend giving  
60mm depth of water will be required adjacent  
to the air unit to take the condensate from the  
heat exchanger.

Roof Terminals  
When applicable roof terminals are included in  
the quotation but will be fitted by the roofing  
contractor.

Fire Dampers  
As Fire Dampers are not normally required for  
domestic MVHR systems they are not included  
in our quotation. They may be required if ducts  
pass through a fire resistant wall or protected  
stair well. You may wish to consult your local  
Building Control to ensure compliance to Part B  
of the Building Regulations.

Air Circulation  
In accordance with Building Regulation F all  
internal doors should have an undercut of  
10mm above the floor finish or 20mm above  
the floor surface if the finish is not fitted