

# SITE REQUIREMENTS BY OTHER TRADES



## Electrical:

**Power** – The main MVHR unit will require a double 13A socket. This should be installed close to the unit in an easily accessible location.

**Control** – The main control for the MVHR system requires a 4-core low voltage cable to be installed running from the location of the main unit to the desired location of the switch. A network or alarm cable is recommended. A single gang backbox (minimum 35mm deep) should be installed in the desired location of the switch.

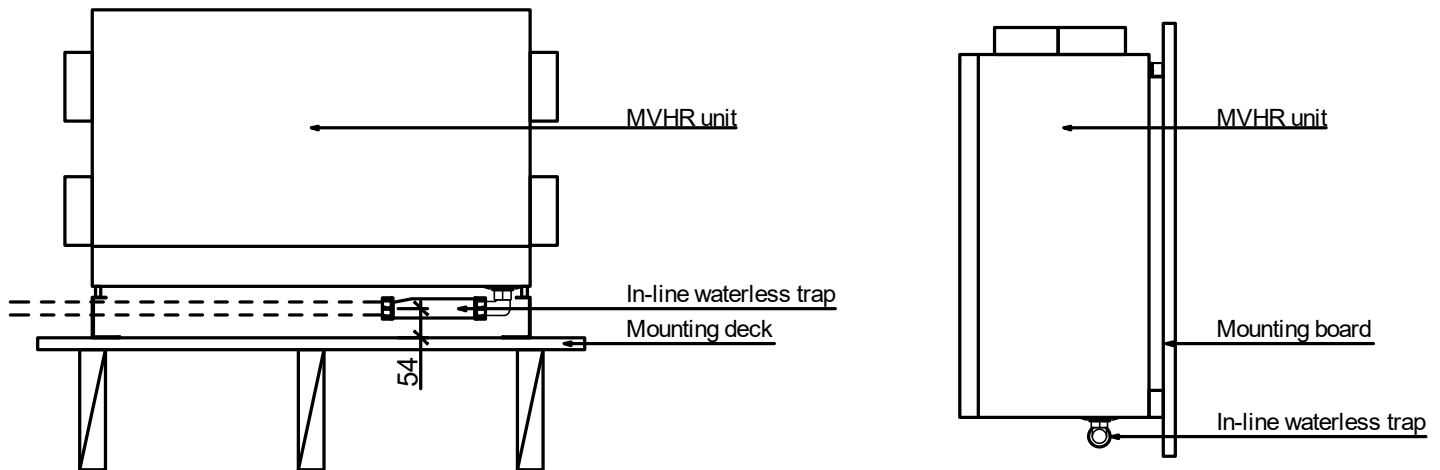
## Drainage:

**Condensate Drain** – The MVHR unit requires a waste connection to dispose of condensation removed from the air. A suitable 22mm pipe; complete with an in-line waterless trap to prevent back-smells and air leakage, should be installed. This should terminate into the waste system.

## Unit Mounting:

**Loft** – If the system includes a loft mounted MVHR unit, a suitable flat deck should be provided in the loft space for mounting. This should be a minimum of 1000mm x 600mm. As the condensate drain is gravity fed, a raised platform may be necessary if additional drop is required for the waste run.

**Wall** – If the system includes a wall mounted unit which will be mounted on a stud wall, a mounting board a minimum of 800mm high x 700mm wide should be fitted. If mounted to a block wall, no mounting board is required.

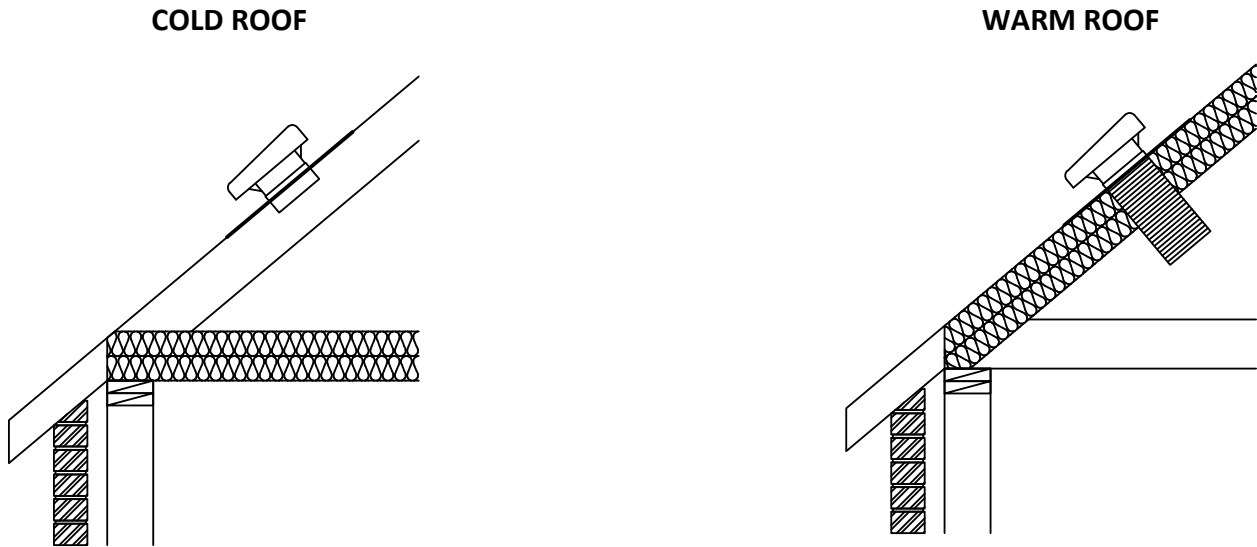


## Air Circulation:

In accordance with Building Regulations Part F, all internal doors should have an undercut of 10mm above finished floor.

## External Connections:

**Roof Terminals** – Where applicable roof terminals are included in the quotation. These are quoted on a supply only basis and should be installed by the roofing contractor at least 1.5m apart.



**Wall Grilles** – If external connections pass through a gable wall or difficult to access area, scaffolding or high access equipment will need to be provided for the cutting of holes and fixture of external vents. If the external wall is to be rendered, vents may need to be fitted during 2nd fix.

## Hole Cutting:

**Concrete and Stone** - Where perforations are required through reinforced concrete or stone, holes will need to be cut prior to Rega first fix installation.

**Plasterboard** - During the first fix installation, the Rega engineers will leave the final ducts for vent connections hanging below the level of the ceiling plasterboard. The plasterers should either cut holes and pull the ducts through when boards are fixed or at a minimum mark the duct locations with a small hole or pencil mark.

Guidance on hole cutting sizes is available below.

Internal diameter (duct size on design)	External diameter	Internal wall/floor/ plasterboard hole size	External wall hole size
(mm)	(mm)	(mm)	(mm)
100	110	115	102
125	135	140	127
160	170	175	162
110x54	114x58	120x64	-
200x60	204x64	210x70	-
220x90	224x94	230x100	-

## Other Construction Work:

Where ducts cannot be consealed within the frame of the property boxing in may be required.

## Internal Vents:

If recessed vents are used, these will need to be fitted by the plasterer as per the supplied instructions.