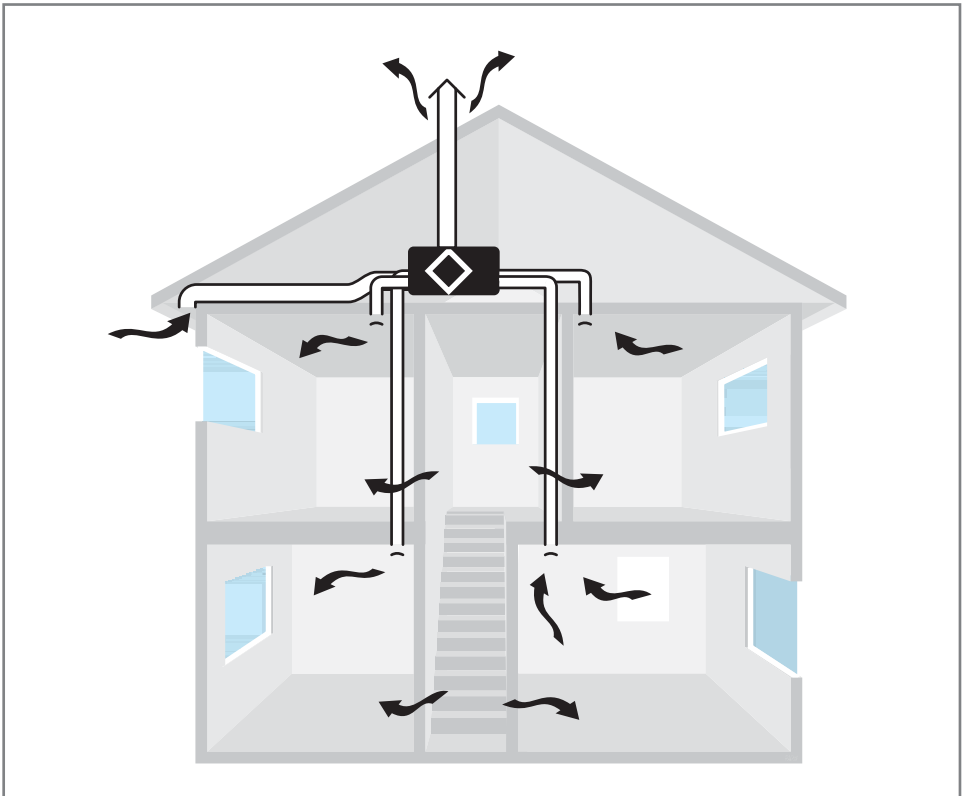


Heat Recovery Ventilation System

Your home has a balanced ventilation system with heat recovery. At the heart of this system is a Titon HRV *Q Plus* Heat Recovery Unit. This system can contribute to improved indoor air quality and increased comfort levels. For the ventilation unit to function efficiently it needs to be maintained and used correctly.



DO NOT SWITCH OFF THE UNIT! The unit is designed to run continuously. If the unit is switched off indoor pollutant and moisture levels may increase .

Ventilation is Vital

Indoor air quality deteriorates without controlled ventilation, and this is intensified now modern homes are built with higher airtightness. Chemicals, gases and moisture produced by everyday products and activities may lead to the build up of pollutants which could be harmful to the health of the occupants and may damage the building fabric.

Once homes are occupied it is the responsibility of the householder to use and maintain the ventilation products following the guidance provided.

How the System Works

The ventilation system extracts stale polluted air from rooms where most moisture is generated e.g. kitchens and bathrooms, and provides fresh air taken from outside which is pre-warmed then delivered to other rooms. This creates a flow of fresh, clean air throughout the house.



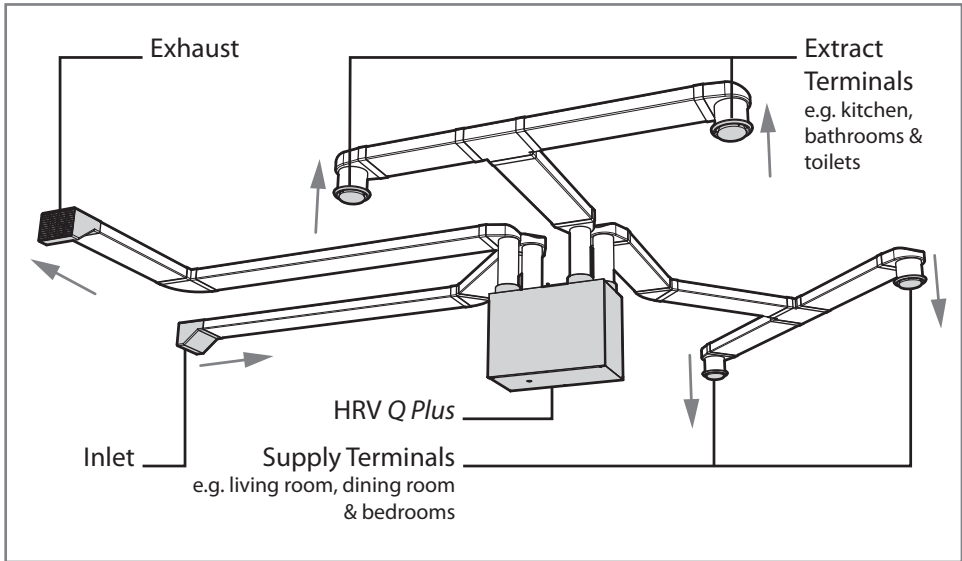
Heat is reclaimed from the extracted air and used to preheat incoming fresh air by a “heat exchanger” which is built into the central ventilation unit.



The ventilation system functions continuously without wasting heat or energy unnecessarily. The air travels from terminals built into the ceiling which are connected by hidden ducts to the unit.

Do not disturb or adjust these ceiling terminals, they have been set to give the correct amount of ventilation for the property.

The central unit is usually installed in a roof space or cupboard although most of the system is hidden from view as it has been designed into the house construction.



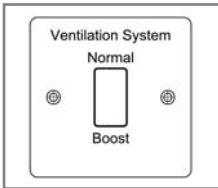
Most systems will also have a facility to boost the ventilation rate at times when more moisture is being generated, such as when bathing or cooking, (see How to Use the System).

During cold weather the frost protection program will automatically vary the ventilation to ensure that there is no build up of ice in the unit.

You may notice small changes in airflow or noise levels, this is quite normal, the unit is designed to operate in this way.

How to Use the System

The system runs by itself for normal ventilation rates. If a boost switch has been installed, it can be used to increase the ventilation rate at time when moisture or pollutant levels are considered excessive. Sensors may be fitted in the dwelling which detect high levels of moisture or pollutants and boost the system automatically. Summer mode - where fitted, the manual summer override switch enables extract air only mode.



When summer mode is enabled and the building is occupied it is advisable to open windows alternatively open trickle ventilators to provide make up air. Windows and trickle ventilators should be closed when heat recovery is required.



Maintenance

All ventilation units require periodic maintenance. Routine maintenance, apart from filter changes, must only be carried out by a suitably qualified and competent person. The air filters should be cleaned regularly, the frequency of cleaning will vary depending on the environmental conditions.

Filters should be replaced after a maximum of 3 cleaning cycles.

A Product Manual with full maintenance instructions is supplied with the unit and should be located on the unit or left with the householder or landlord.

It must be used as a service record.

