

# Whole House Ventilation System:

Your home has been fitted with a Titon Heat Recovery Ventilation system. Noted below are details about the unit and its controls.

Interior comfort, air quality and energy efficiency are vitally important considerations in buildings today. The Titon HRV Q Plus range has been developed to meet these demands by providing clean fresh air whilst extracting stale polluted air from the building using state of the art technology to maximise energy efficiency.

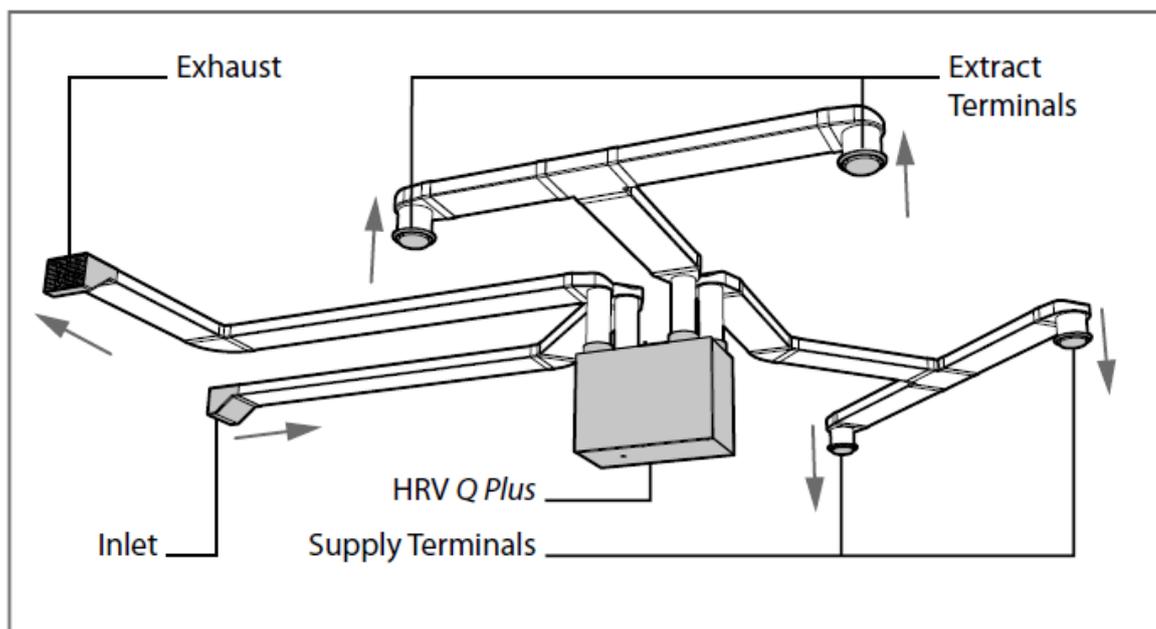
The Titon HRV Q Plus works by extracting stale polluted air from rooms where most moisture is generated and providing fresh pre-warmed air taken from outside the house and delivering it to other rooms, creating a flow of fresh, clean air throughout the house.

Most of the heat is reclaimed from the extracted air is used to pre-heat incoming fresh air by a "heat exchanger" which is built into the unit. The ventilation system functions continuously so the air in the home remains free from harmful pollutants and excessive moisture, without wasting heat or energy unnecessarily.

The air travels from terminals built into the ceiling which are connected by hidden ducts to the unit. The unit is usually installed in a roof space or cupboard.

Most systems will also have a facility to boost the extraction rate at times when more moisture is being generated, such as when bathing or cooking.

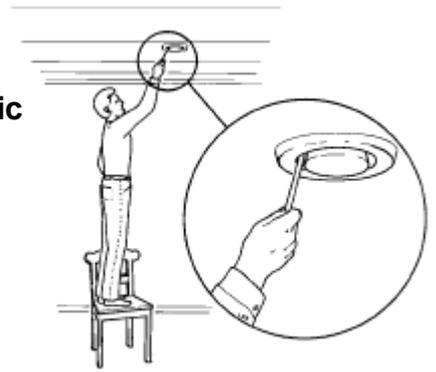
**The boost switch for your property is located next to the unit.**



Typical system layout

**DO NOT switch off the unit; It is designed to run continuously. If the unit is switched off moisture levels may increase which could result in condensation and mould growth occurring within your property.**

The system has been fully commissioned and balanced. This involves adjusting the extract and supply terminals to ensure the correct flow rates are achieved. Periodic cleaning of the terminals is recommended without any adjustment to the outlets.



## The importance of providing adequate ventilation:

All dwellings need a supply of fresh air, not just for the health and comfort of the occupants, but also to control condensation. The main task of ventilation is to remove polluted indoor air from the building and replace it with 'fresh' outside air. Whole house ventilation combines the supply and extract systems with a heat exchanger to capture some of the heat produced in the home.

Typically, warm, moist air is extracted from 'wet' rooms via a system of ducting and is passed through a heat exchanger before being exhausted outside. Fresh incoming air is preheated via the heat exchanger and ducted to the living room and other habitable rooms.

## You will note the ventilator is designed to run continuously.

If you have any questions regarding the ventilation system in your property please do not hesitate to contact our technical department at the office on 01595 694986.



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