

PASSIVENT FLAIR OPERATION & MAINTENANCE INSTRUCTIONS

The Importance of Good Ventilation

Breathing is something we take for granted – haven't you got the right to breathe good quality, clean air?

We spend approximately 90% of our time indoors. Therefore, it is important that our indoor environment has a fresh supply of air, but without draughts and heat loss.

Ventilation provides clean air for you, and takes away stale indoor air. Damp air from 'wet' rooms, such as bathrooms, shower rooms and kitchens, can lead to condensation and mould growth. This can look unsightly, damage the décor of the room and even the fabric of a building, and contribute to ill health. In addition, damp air also provides ideal conditions for house dust mites to breed, which can cause or aggravate illnesses such as asthma. Anywhere between 9 and 24 pints of water goes into the air in a typical home every day, from everyday activities such as cooking, washing, bathing – even breathing. This damp air needs to be expelled from the room or it will cause problems.



How does your ventilation system work?

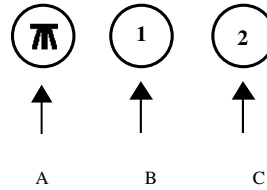
The system installed is a Passivent Flair system. Damp, stale air is extracted by a remotely located, continuously running, low-energy central extract fan(s). Replacement fresh air moves from dry rooms to wet rooms from which the air is extracted, effectively ventilating the whole of the building. It needs very little power to run it, and is highly efficient. The whole system is whisper-quiet.

Operation and Maintenance

Apart from the cooker hood, the Passivent Flair system does not require any manual operation – it works continuously, running 24 hours a day, 7 days a week. The system runs at a low level, boostable when demand requires through the cooker hood.

Cooker Hood Operation

Boosted extraction within the kitchen is achieved by pressing either button B or C (see diagram below). Activation of either button will boost the fan speed and open the damper within the cooker hood. A return to normal operation is achieved by pressing the appropriate button once more.



Button

- A Light On/Off
- B 1st Boost speed activated
- C 2nd Boost speed activated

Bathroom and en-suite extracts are self-regulating, thus maintaining the specified extract rate.

Cleaning and Maintenance

Cooker Hood

To ensure the functioning & performance of the system it is important that the grease filter and extracts are cleaned periodically. The grease filter should be cleaned every two months, or more frequently dependent upon use, by either hand washing or in a dishwasher. It is recommended that the stainless steel appliance itself is cleaned with either a specialised stainless steel detergent or tepid water & a neutral detergent (one which is not solvent-based). Abrasive products should be avoided.

Extracts

The bathroom and ensuite extracts should be cleaned periodically of grease and dust in order to maintain their performance. Remove the grille from the extract body and wash in warm soapy water. Do not remove the base from the wall/ceiling. Carefully clean the base and flap with soapy water, rinse and dry thoroughly. Replace the grille onto the base.

Central Extract Fan(s)

Through its constant operation the central extract fan is not subject to the usual on / off wear and tear on electrical circuitry normally associated with intermittent extract fans. It should however be subject to periodic maintenance to ensure that the blades and plenum box are free from dirt and debris.

Only a qualified electrician should carry out maintenance on the fan. Before this, the fan it must be isolated from the mains supply. Having done this, remove the cover and check the fan blades and plenum for dirt & debris and remove as necessary. Replace cover and reconnect the electrical supply.

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