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ENERGY SAVING TIPS FROM POOLE HOMEOWNER

An engineer in Poole has achieved significant energy savings by installing a heat recovery ventilation (MVHR) system from ADM.

Along with improved energy efficiency, it has resulted in a much improved air quality inside the property as well as reducing issues associated with condensation.



Phil Smith, owner of the property, is a qualified engineer with an excellent understanding of how heat from electrical appliances in the home can be wasted if energy efficiency measures are not taken. He recently shared his energy saving tips at a presentation at the National Self Build Centre in Swindon.

One of his first energy saving ideas was to remove an inefficient 4.6kW gas fired cloths dryer that was venting heat energy directly into the atmosphere. Once this had been done he looked at other ways of saving money on heating bills and calculated that an MVHR system from ADM was the best solution.

“We are delighted with the MVHR system as we immediately noticed a large reduction in our heating bills,” said Phil Smith, owner of the property. “Fitting the MVHR system was one of the best decisions we made in terms of energy efficiency and I would recommend it to anyone looking to make savings on their heating bills.”

The MVHR system from ADM is able to recover over 90 per cent of the heat from the outgoing stale air before feeding it back into the house as warm, fresh, filtered air.

An additional advantage for this homeowner, and for anyone else who has a conservatory, is that the MVHR system is able to recover heat generated by solar gain from the large expanse of glass, re-circulating it to other areas of the property, helping to make further savings on heating bills.

The MVHR system provides a continuous low level of background ventilation, which has been designed to regularly change all the air in the property. This has provided Mr Smith with another benefit as it eliminated the feeling of dampness caused by condensation from everyday activities such as cooking and washing.

Phil Smith continues: "Since fitting the MVHR system we have virtually eliminated the problem of condensation, which means we no longer get black mildew on the walls. That has created a much more pleasant and healthier environment for my family."

Filters on the MVHR system are capable of removing pollutants such as carbon particles from car exhausts down to the micron level. The filters also remove pollen and dust, which is a real benefit for allergy and hay fever sufferers who visit the property as the windows can be kept closed during summer, whilst still keeping the internal environment comfortable and fresh.

A further benefit for this homeowner is the elimination of smells as the MVHR system is continually changing air inside the property. That means odours from new fixtures such as carpets and sofa's, which may also contain VOC's (Volatile Organic Compounds), are eliminated. Mr Smith has even noticed that smells from the kitchen bin are no longer noticeable, even if it is left for a few days.

Mr Smith sums it up by saying: "Our cleaning lady has commented that there is now much less dust in the house, which is the benefit of being able to keep our windows closed, yet still retain the fresh, healthy environment in the home."

For more information on MVHR systems from ADM, or to request a copy of the new brochure, telephone: 01756 701051. Alternatively visit the website at:

www.admsystems.co.uk

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