

MEDIA RELEASE
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A Fresh New Air Solution for Australian Homes

New LOSSNAY technology brings the fresh air in and removes the stale air out



SYDNEY, Australia, 29 July 2022: Mitsubishi Electric Australia has launched its newest Mechanical Ventilation with Heat Recovery (MVHR), setting a new standard in ventilation by recovering heat from the air inside your home, and transferring it to fresh, dry air introduced from outside, providing energy efficiency in winter and energy recovery in summer.

Ideally suited to residential buildings including multi-stories or homes located in inner-city locations concerned with localised air quality, the LOSSNAY technology continuously removes stale interior air from bathrooms, kitchens, toilets, and the laundry. Heat is then transferred to the incoming fresh air to warm the home on a cool day. This allows maximised energy efficiency of ventilated air while reducing the demands on air conditioning for heating.

The Vertical LOSSNAY boasts several key new features including a compact slimline design (it's small enough to fit inside a cupboard), low noise output, and both left and right configurations.

Using onboard temperature sensors, the unit automatically enters bypass mode when it detects the space is hotter than desired and the outside air is cool enough. Bypass mode allows the unit to bring in fresh air from outside without recovering the heat helping to reduce the need for air conditioning cooling, such as overnight in summer.

A third filter slot can hold an optional NO_x (nitrogen oxides) filter on the supply side of the unit to clean incoming air in polluted environments. The third filter slot can alternatively hold an optional PM_{2.5} (particulate matter 2.5) filter providing a high standard of fresh air filtration.

Atesh Mani, National Product Manager at Mitsubishi Electric Australia, explains the significance of the update:

'The Vertical LOSSNAY allows homeowners to bring fresh air into living spaces such as bedrooms and living rooms and remove stale air from their homes. Its unique features make it an excellent choice for modern living and smaller spaces thanks to functionality that allows it to transfer heat between air streams. It really is a gamechanger for achieving cleaner air quality.'

Research from the [Mitsubishi Electric Healthy Home Trends report](#) has shown that 81% of Australians experience respiratory symptoms at some point in the year, 1/4 experience symptoms during hay fever season, and one in three are triggered by airborne particles like dust and pollen all year round.

'As we've seen from the recent change in attitudes to home air, Australians are far more cognisant of the effects of pollution at home. Additionally, Australians are looking to reduce cooling and heating costs and the Vertical LOSSNAY can assist in energy savings by reducing air conditioning heating and cooling loads', added Mani.

The Vertical LOSSNAY can contribute to as much as 40-46% in energy savings on reduced air conditioning loads depending on conditions. Full energy consumption, CO2 emissions, and electrical expense calculations are available upon request.

The Vertical LOSSNAY is the latest series in a comprehensive range of the trademarked heat recovery ventilators (HRV), made by specialists in air treatment, Mitsubishi Electric.

Product Information:

- **Model name:** Vertical LOSSNAY
- **Models available:** VL-250CZPVU-R/L-E, VL-350CZPVU-R/L-E, VL-500CZPVU-R/L-E

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