Lossnay LGH-RVX3-E

FRESH AIR ENERGY RECOVERY SYSTEM

The Lossnay LGH-RVX3-E Mechanical Ventilation Fresh Air Heat Recovery (MVHR) systems are designed to supply clean, fresh air into any commercial building, whilst simultaneously extracting stale air, ensuring good indoor air quality for occupant wellbeing. These units are also able to recover valuable heat and latent energy from inside the building, maximising energy efficiency and reducing running costs.

LGH-15RVX3-E
10-42 L/s of air

LGH-25RVX3-E
17-69 L/s of air

LGH-35RVX3-E
24-97 L/s of air

LGH-50RVX3-E
35-139 L/s of air

LGH-65RVX3-E
45-181 L/s of air

LGH-80RVX3-E
56-222 L/s of air

LGH-100RVX3-E
69-278 L/s of air

LGH-160RVX3-E
111-444 L/s of air

LGH-200RVX3-E
139-556 L/s of air

Key Features

Maximise Heating and Cooling Efficiencies

Through its unique energy recovery core, the Lossnay LGH-RVX3-E range can recover up to 88%*1 of the thermal exchange efficiency from stale outgoing air, and transfer this to pre-warm (or pre-cool) incoming fresh, filtered air being supplied into commercial buildings. For example, in winter a building that has an inside temperature of 20°C and 4°C air outside, the incoming fresh air can be warmed to over 18°C by transferring through a Lossnay Ventilation System and benefiting from the efficient energy transfer process. The building's air conditioning systems no longer have to work as hard to maintain desired indoor air temperatures.

*1 LGH-25RVX3-E on lowest fan speed for winter conditions

Optimise Indoor Air Quality

Lossnay LGH-RVX3-E models are equipped with a treated paper core to recover total energy (sensible and latent heat) from the outgoing stale air to pre-warm (or pre-cool) incoming fresh air. This total energy recovery allows buildings to maximise efficiencies whilst maintaining healthy CO_2 and humidity levels for better indoor air quality.

Improved Airflow Range

The LGH-RVX3-E range offers upgraded variable air control for finer, more effective ventilation. Default fan speed values of both supply air and exhaust air can be adjusted in 5% increments (between 25% and 100%) in order to match required airflow rates with greater precision.