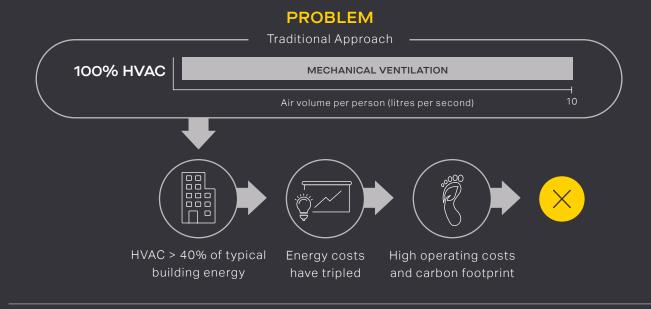
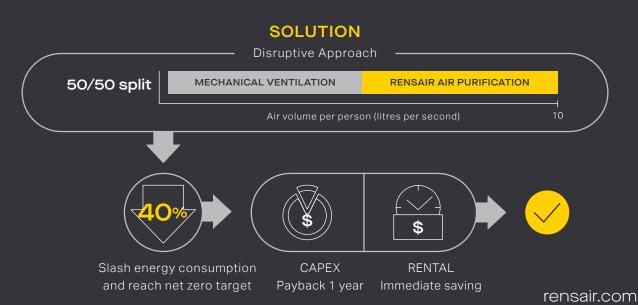


Effective airborne particle reduction is essential for a healthy indoor environment but:





MECHANICAL VENTILATION ENERGY CONSUMPTION

- Mechanical Ventilation introduces outside air into a building, which needs to be conditioned to a constant temperature to ensure a comfortable indoor environment.
- That requires either:
 - Cooling and dehumidifying through Air Handling Units (AHUs)
 - Heating in the winter, via radiators or AHUs

...which is why a typical HVAC system can account for **HALF** of a building's total energy consumption.

THE IMPACT OF A SHARP RISE IN ENERGY COSTS IS HUGE

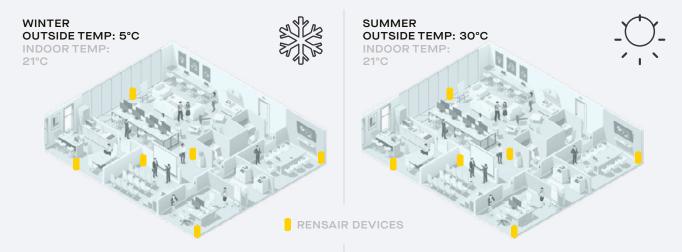
SOLUTION: OFFSET MECHANICAL VENTILATION WITH RENSAIR AIR PURIFICATION, WHILE MAINTAINING GOOD INDOOR AIR QUALITY

Effective Airborne Particle Reduction = Mechanical Ventilation + Rensair Air Purification

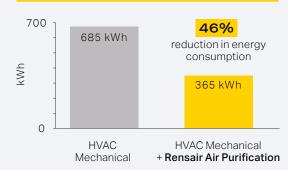
Expensive Low cost

- Deliver as much Rensair Air Purification as possible to reduce costs:
 - Use the Mechanical Ventilation to maintain an acceptable CO₂ level.
 - CO₂ levels can be maintained at 1,100 ppm with a Mechanical Ventilation rate of 5 litres per person per second.
- Make up the Total Effective Airborne Particle Reduction balance with Rensair Air Purification to meet WHO standards (10 l/s/p).
- This allows for a reduction of the more costly Mechanical Ventilation in favour of more affordable Rensair Air Purification, whilst maintaining (or even improving) Indoor Air Quality.

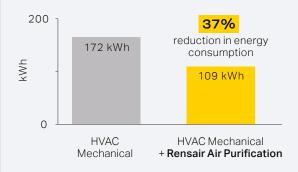
COST SAVINGS FROM INCLUSION OF AIR PURIFICATION IN A 100 PERSON OFFICE



WINTER DAILY ENERGY CONSUMPTION



SUMMER DAILY ENERGY CONSUMPTION



RENSAIR

Clean Air. Certified.

Contact Rensair to find out more about saving 40% on the energy costs of your building.



