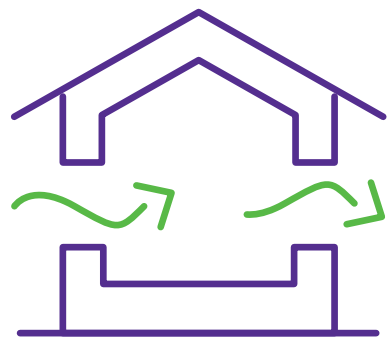


VENTILATION IN NEW ZEALAND CLASSROOMS

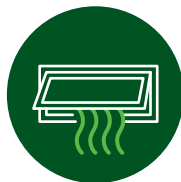
Why do we recommend opening the windows?



Natural Ventilation



Opening all windows and doors can fully refresh the air in a room in 2-6 minutes (10-30 ACH)



Partially opening windows by 5cm in winter can fully refresh the air in the room in 10-12 minutes (5-6 ACH)



Adding fixed air extract and/or supply fans increases airflow alongside, or as an alternative to, opening windows and doors (+2-5 ACH)

Mechanical Ventilation



Ducted ventilation systems can consistently clean and/or fully refresh the air in the room in 10-20 minutes (3-6 ACH)



Portable Filtration

A high-performance HEPA air cleaner (purifier) does not provide fresh air, but can clean the air in the room in 20 minutes (3 eACH)