



WATERLOO CATHOLIC DISTRICT SCHOOL BOARD SCHOOL BOARD VENTILATION PROFILE

School boards are optimizing air quality in schools through improved ventilation and filtration. Implemented measures are dependent on the type of ventilation and feasibility within the context of school facilities and related building systems.

This is a key element in the multiple protective strategies being employed to reduce the risk of COVID-19 transmission and support healthier and safe learning environments for students and staff.

MEASURES TO HELP REDUCE TRANSMISSION RISK IN INDOOR SETTINGS



Ventilation: Increasing the flow of outdoor/fresh air for diluting the concentration of any infectious particles.



Filtration: Involves the use of different types of fibrous media designed to remove particles from the airstream.

SCHOOL BOARD VENTILATION STRATEGY

- Ventilation - Replacement and/or upgrades of roof top units, unit ventilators, heat pumps, exhaust systems, boilers and BAS systems in several schools.
- Place stand alone HEPA filtration units in all elementary school classrooms, portables, libraries, and special education classrooms as well as stand alone UV units in all high school classrooms
- Filtration - upgrade filters to MERV13 rating where possible. Develop a preventative maintenance program to regularly inspect and replace filters to maintain overall performance.
- Increase fresh air exchanges in all classrooms by running systems 2 hours prior to student entry and 2 hours after end of school day wherever possible.

