

Outdoor air delivery monitoring

EQc1 | Possible 1 point

Intent

Provide capacity for ventilation system monitoring to help sustain long-term occupant comfort and well-being.

Requirements

Install permanent monitoring and alarm systems that provide feedback on ventilation system performance to ensure that ventilation systems maintain design minimum ventilation requirements in a form that affords operational adjustments:

For mechanical ventilation systems that predominantly serve densely occupied spaces (those with a design occupant density greater than or equal to 25 people per 1000 sq. ft), install a CO₂ sensor within each densely occupied space.

For all other mechanical ventilation systems, provide an outdoor airflow measurement device capable of measuring the minimum outdoor airflow rate at all expected system operating conditions within 15% of the design minimum outdoor air rate.

For natural ventilation systems, install a CO₂ sensor within each naturally ventilated space.