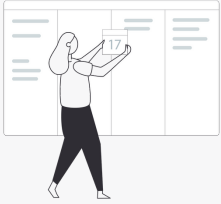# OpenSensors

Balancing indoor air quality as occupancy rises

Sensors can quickly gather data to show trends and identify opportunities for change.

Step 1: Monitor CO2 levels

4-6 air changes per hour
Monitor CO2 levels to ensure your building is suitably ventilated with fresh air.

Step 2: Control occupancy

Redistribute occupancy throughout the week
Compare occupancy and air quality levels to identify trends between peak occupancy and employee behaviour.

Step 3: Aid immune response

Maintain Temperature at 21°C & Humidity at 40%-60%
Environmental factors impact viral survivability and immune response. Maintain temperature and humidity to minimise viral spread.

Tools you need

Occupancy and air quality analytics software
Combine occupancy and air quality data for a full picture on how employees utilise the office to keep them safe.

Avg seats occupied per hour over time

508 Peak occupied   **988** Total seats

600
450
300
150
0

Mon, Nov 15   Tue, Nov 16   Wed, Nov 17   Thu, Nov 18   Fri, Nov 19   Sat, Nov 20   Sun, Nov 21

CO2 (ppm) over time

712.2 Average   **1189.2** High   **368.0** Low

1600
1200
800
400
0

Mon, Nov 15   Tue, Nov 16   Wed, Nov 17   Thu, Nov 18   Fri, Nov 19   Sat, Nov 20   Sun, Nov 21