

# WHAT IS PROPER VENTILATION FOR PUBLIC BUILDINGS?

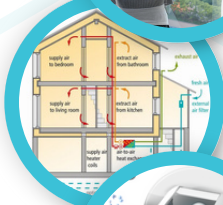


ACCORDING TO **ANSI/ASHRAE STANDARD 62.1** VENTILATION FOR ACCEPTABLE INDOOR AIR QUALITY, **THERE ARE 3 METHODS:**



## 1 NATURAL VENTILATION

NATURAL VENTILATION USES THE GAPS IN THE BUILDING, WINDOWS, AND DOORS TO PROVIDE OUTSIDE AIR



## 2 VENTILATION METHOD

VENTILATION METHOD CALCULATES THE NEEDED OUTSIDE AIR BASED ON THE NUMBER OF PEOPLE, THE USE OF THE SPACE, AND THE FACILITY TYPE.



## 3 INDOOR AIR QUALITY PROCEDURE (IAQP)

INDOOR AIR QUALITY PROCEDURE (IAQP) ALLOWS YOU TO REDUCE THE AMOUNT OF OUTSIDE AIR BY IMPLEMENTING SYSTEMS THAT REDUCE VOCs AND PARTICULATES.

### CASPR AS AN IAQP

ASHRAE Standard 62.1, Ventilation and Acceptable Indoor Air Quality specifies minimum ventilation rates and other measures intended to provide indoor air quality that is acceptable to human occupants and minimizes adverse health effects in occupied spaces.

ASHRAE Standard 241, published in June 2023 & is aimed at providing guidance for emergency response by facilities during situations like a pandemic.

**CASPR was the first to test to this new standard.**  
**Within 30 minutes, reductions in the air were above 99%**

Time Mins.	4	8	12	30	60
Net %	70%+	85%+	90%+	99%+	99.9%+

CASPR is a safe and effective solution for providing the appropriate amount of fresh air needed indoors, even in a pandemic, to reduce the risk from harmful pathogens.

Effective against bacteria, viruses, mold, & fungi



Effective against allergens, pollutants, & odors



Continuous, safe, & effective



No operator required, no chemicals



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