Effect of ELV Door Opening on Room Temperature and Ventilation rate on each Floor



• The effective ventilation flow rate Q can be calculated from the tracer gas generation rate G and concentration C as Q=G/C. Where outdoor air concentration is zero.

- each floor due to the effect of the ELV door

• Effective ventilation rate = (Effective ventilation flow rate) / (floor volume) "Effective ventilation rate" takes into account not only the flow rate of outside air but also the flow rate of that has dilution capacity from other floors.