

Supplemental Materials

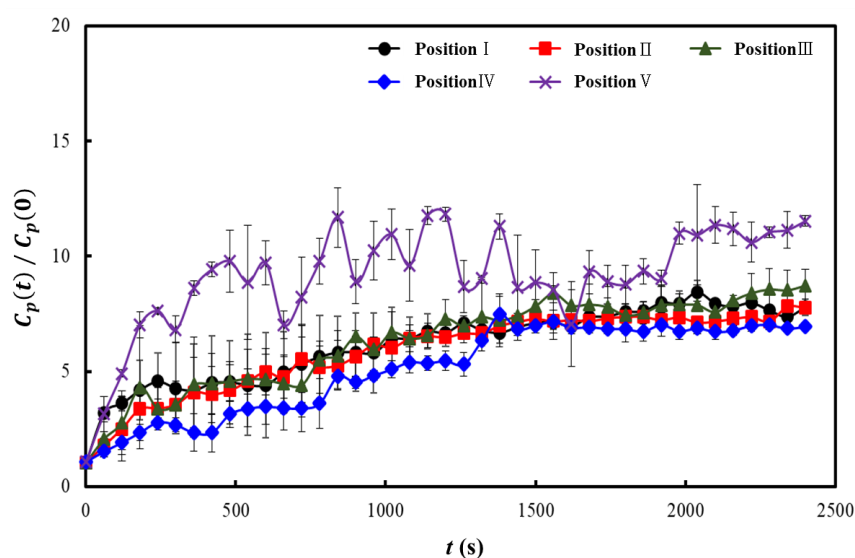
Natural Ventilation and Air Purification for Effective Removal of Airborne Virus in Classrooms with Heater Operation

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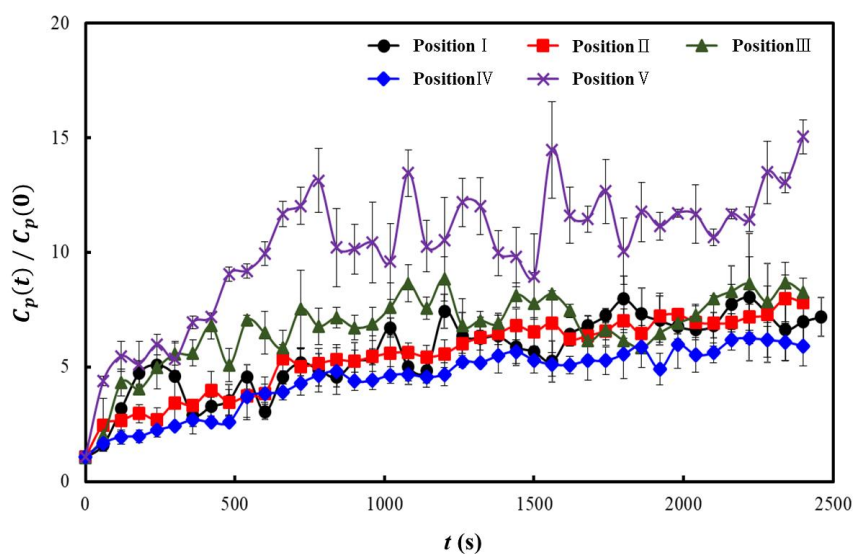
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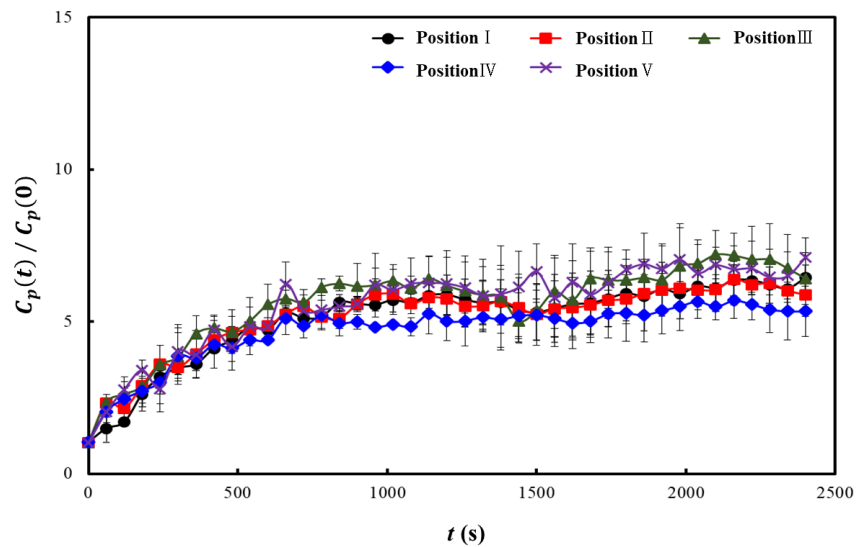
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(a)

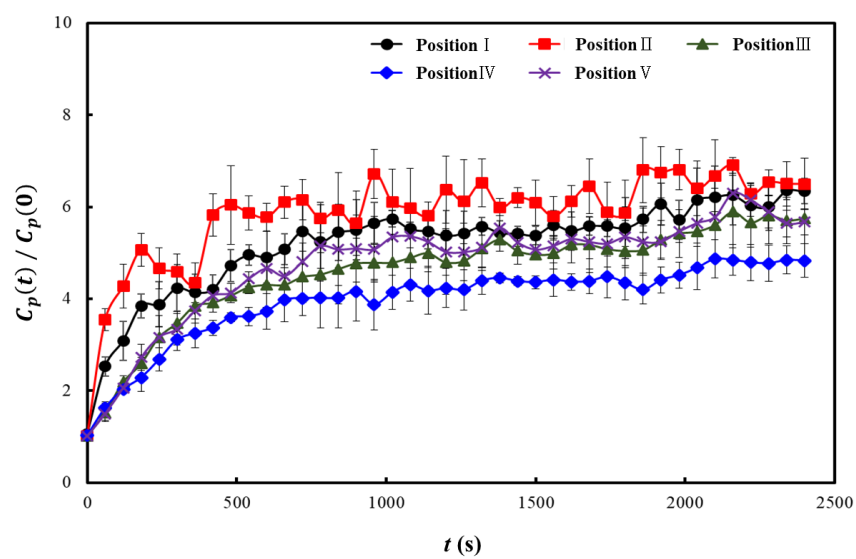


(b)

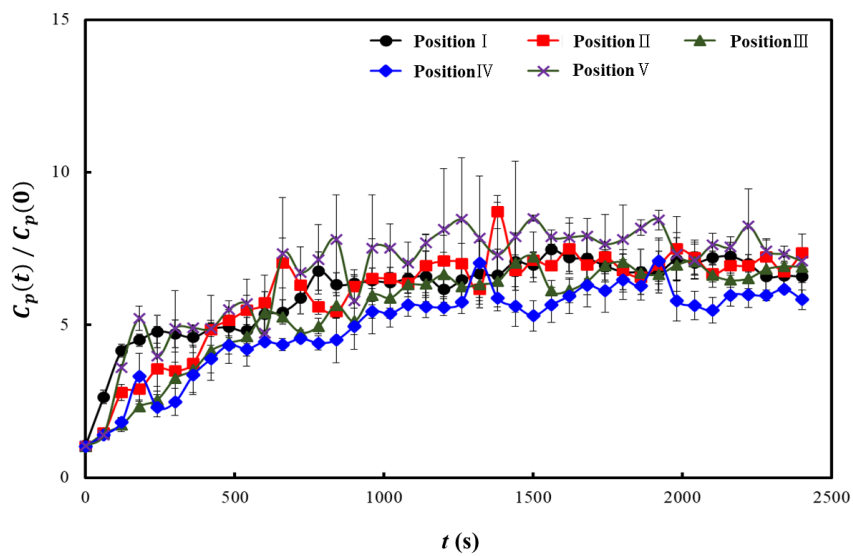


(c)

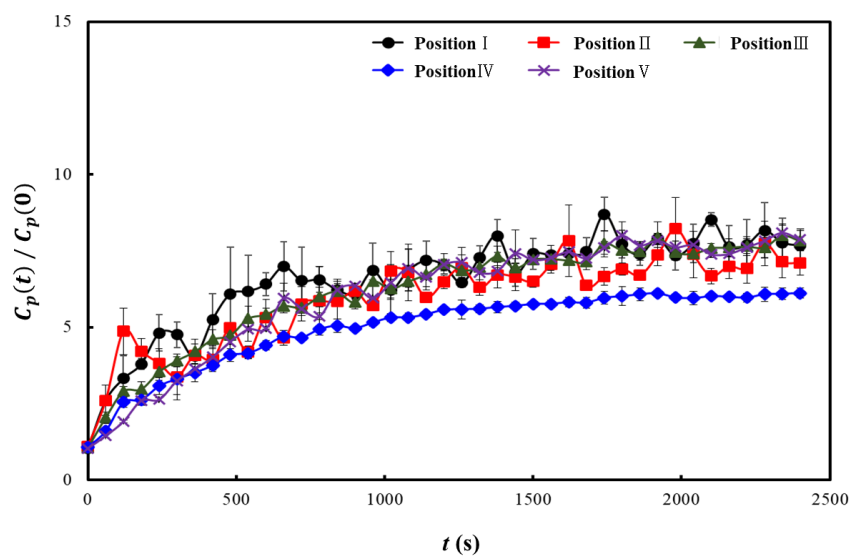
Figure S1. Comparison of the dimensionless particle number concentrations for different measurement positions when one air purifier was operated with all windows closed: (a) Case 3; (b) Case 4; (c) Case 5.



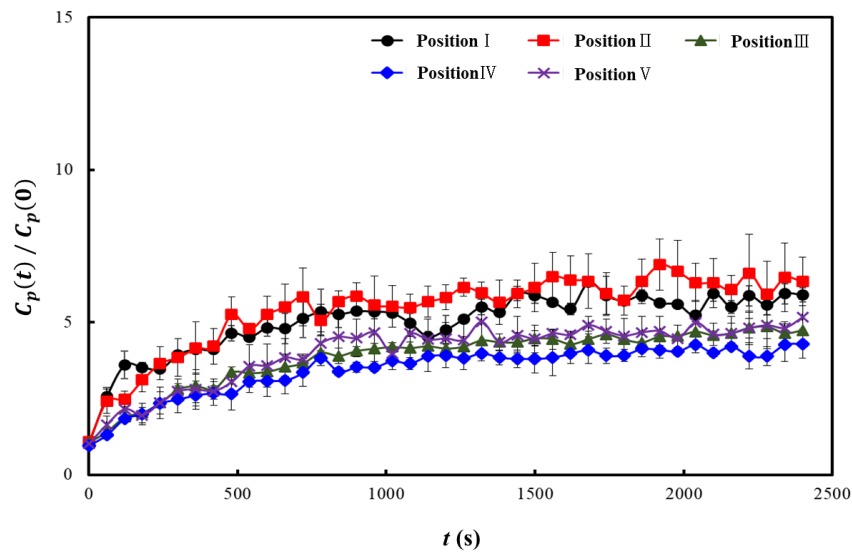
(a)



(b)

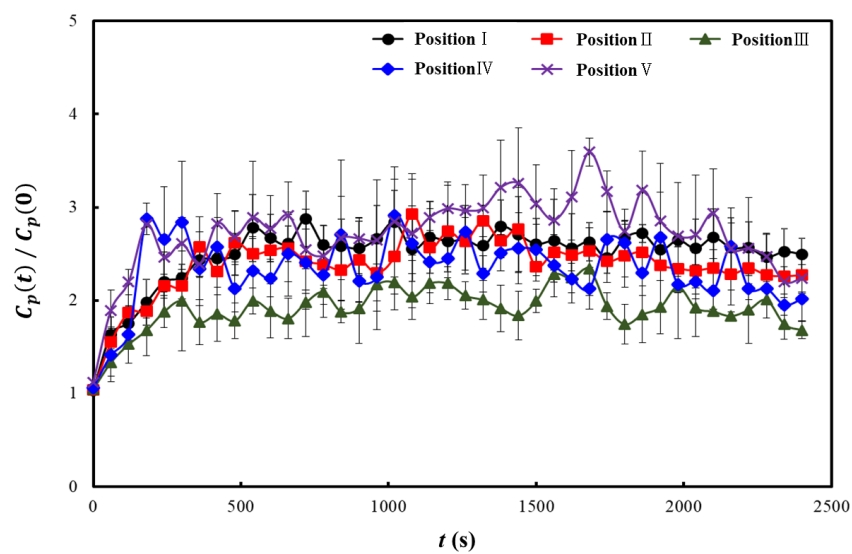


(c)

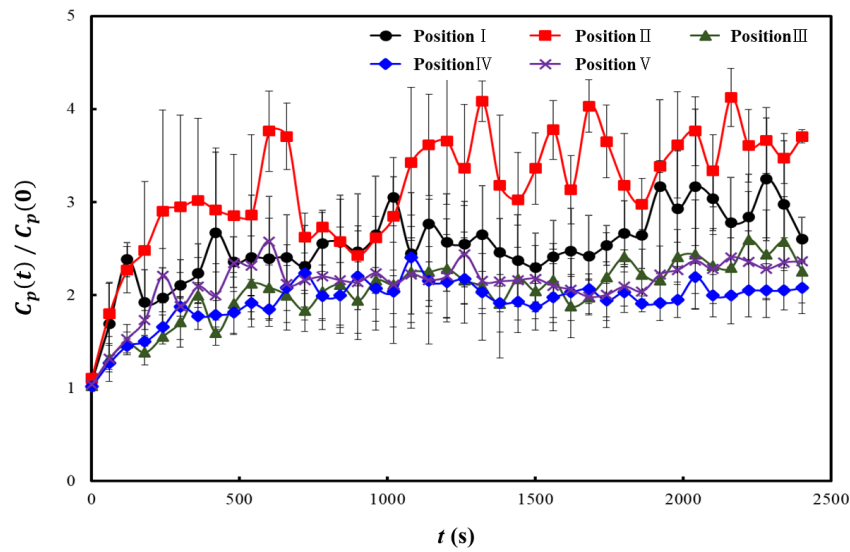


(d)

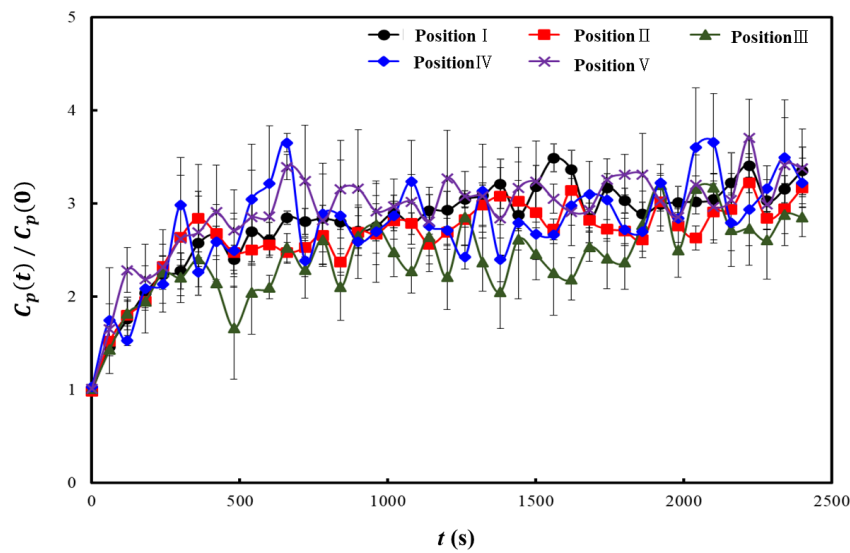
Figure S2. Comparison of the dimensionless particle number concentrations for different measurement positions when two air purifiers were operated with all windows closed: (a) Case 7; (b) Case 8; (c) Case 9; (d) Case 10.



(a)

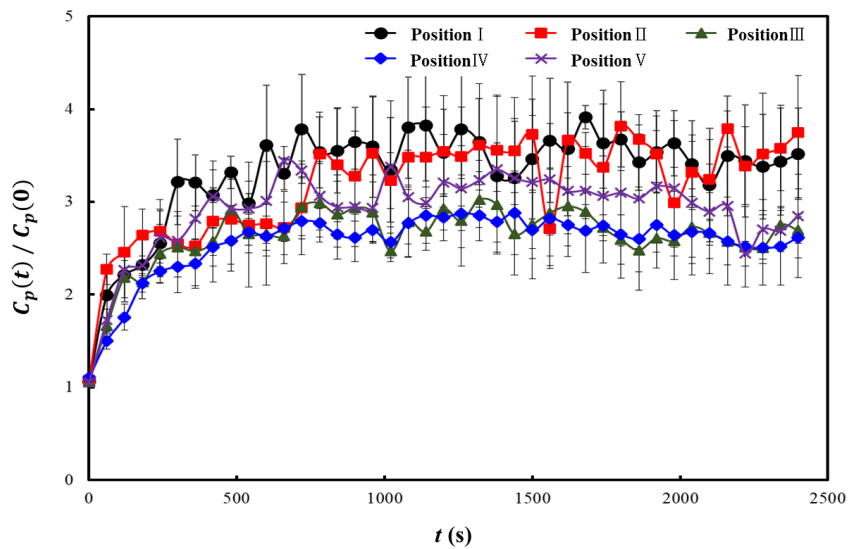


(b)

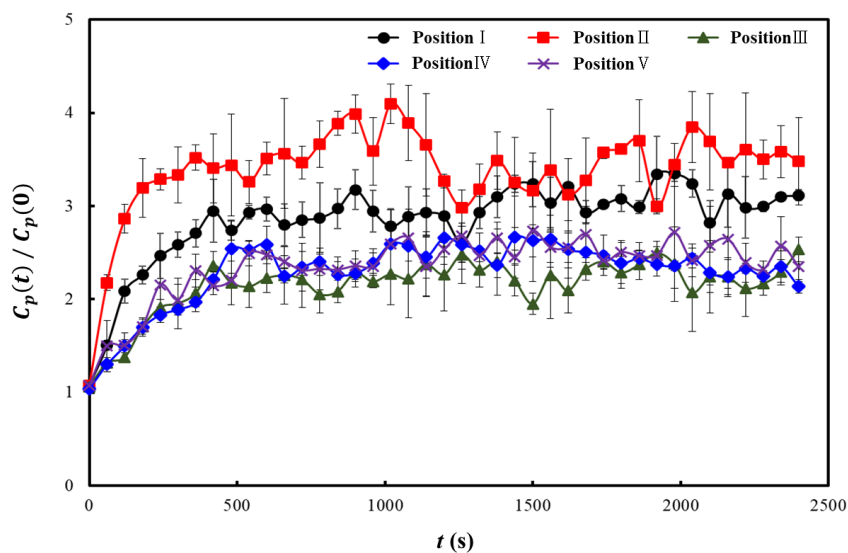


(c)

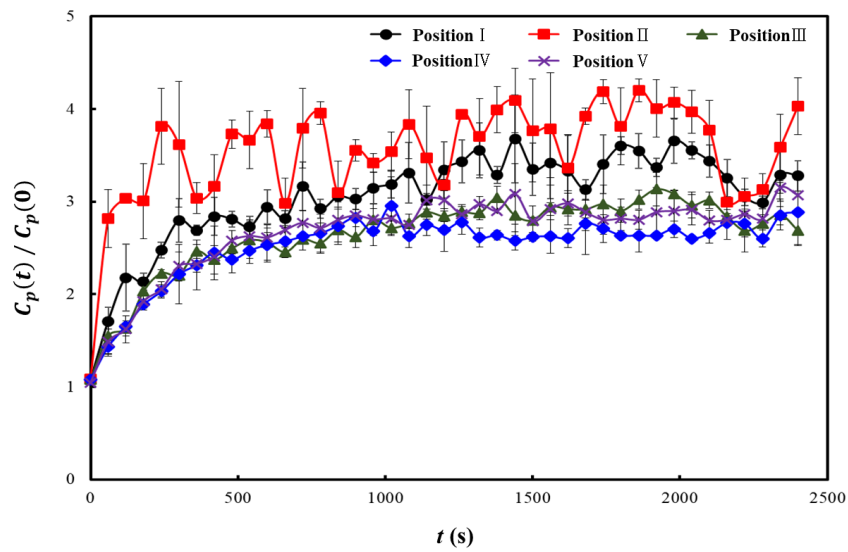
Figure S3. Comparison of the dimensionless particle number concentrations for different measurement positions when one air purifier was operated with all windows open: (a) Case 12; (b) Case 13; (c) Case 14.



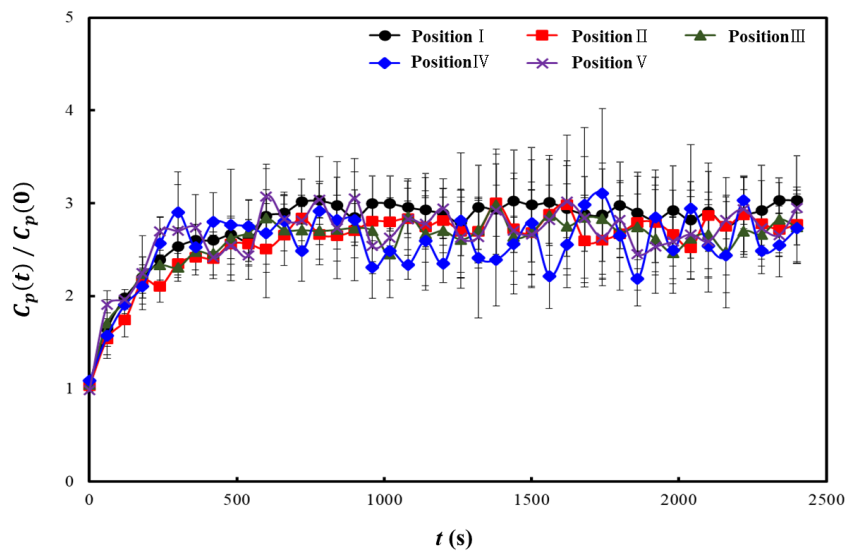
(a)



(b)



(c)



(d)

Figure S4. Comparison of the dimensionless particle number concentrations for different measurement positions when two air purifiers were operated with all windows open: (a) Case 16; (b) Case 17; (c) Case 18; (d) Case 19.