

## Supporting Information

# How Critical is Geometrical Confinement? Analysis of Spatially and Temporally Resolved Particulate Matter Removal with Electrostatic Precipitator

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Number of pages: 3

Number of figures: 2

Number of tables: 0

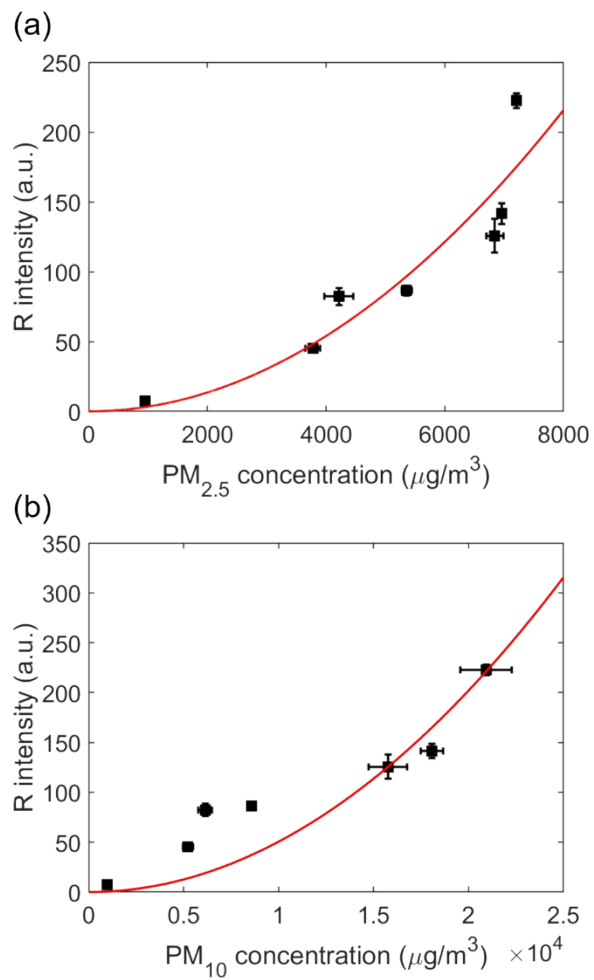


Figure S1. Calibration line of absolute (a)  $PM_{2.5}$  and (b)  $PM_{10}$  concentration for R component.

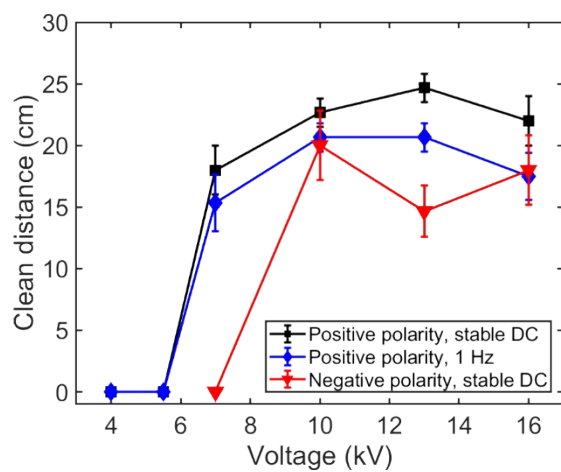


Figure S2. Clean distance with different electrical modes and voltage of 4-16 kV at 15<sup>th</sup> second in tubular system with diameter of 3 cm; the clean distance is defined as the region with relative intensity lower than 0.2.