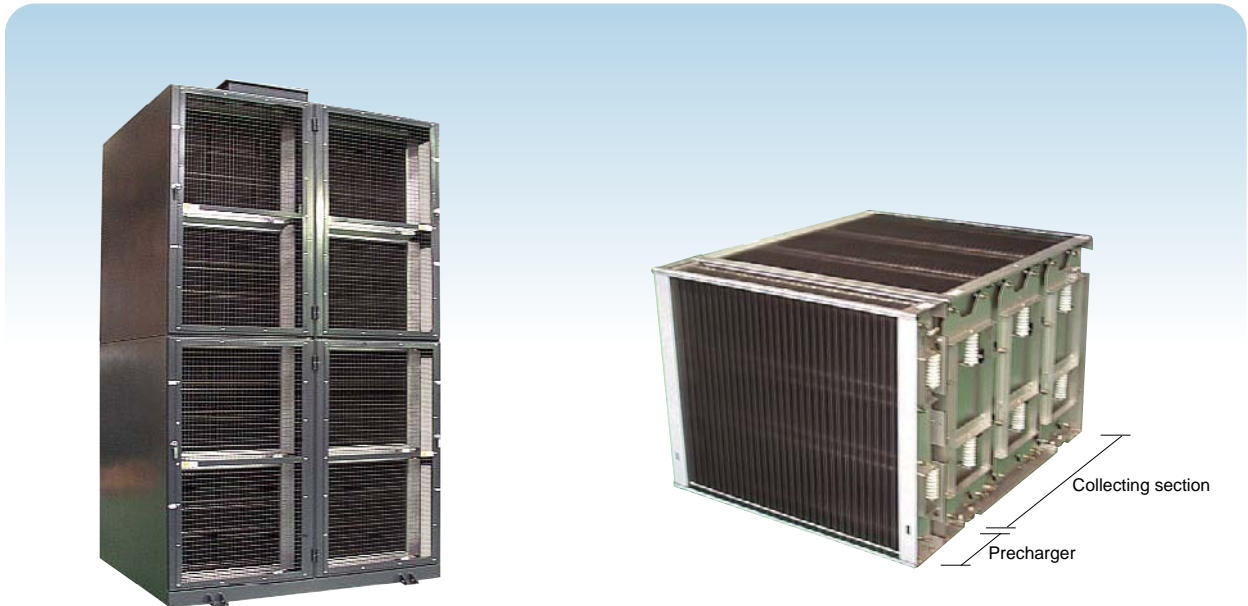


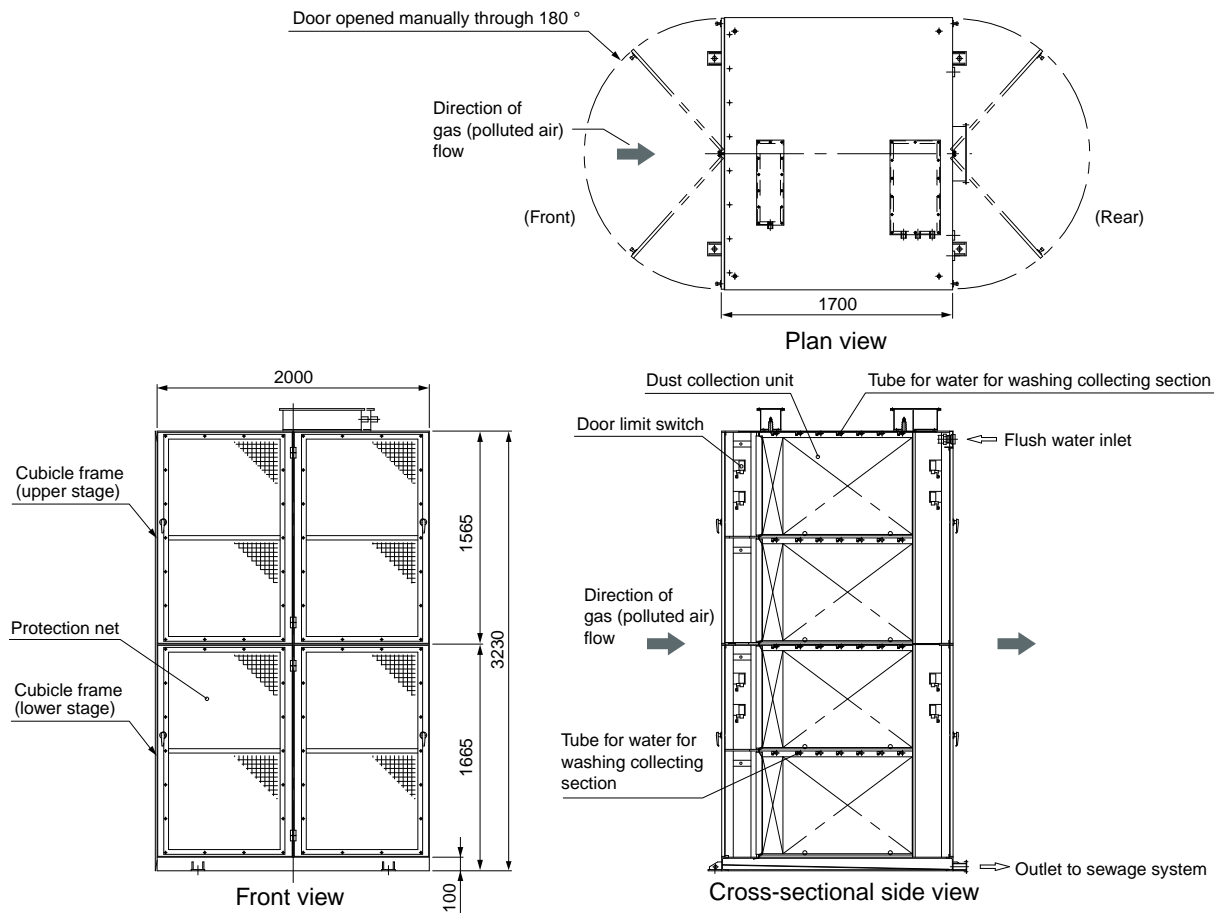
AC Electrostatic Precipitator (AC ESP)

An AC electrostatic precipitator is constructed as a cubicle containing precharger and collecting section units. Pre-charger and collecting-section units are inserted with the precharger facing the front of the cubicle and the collecting section facing the rear. The dust collection efficiency of such a precipitator is 90% and pressure loss is 200Pa at a processing gas velocity of 9ms. Therefore AC electrostatic precipitators are more efficient than mechanical filters. The collecting section is automatically washed with water from time to time to remove collected particles.



Cubicle with eight units inserted. The picture shows a cubicle for a gas (polluted air) flow of 40m³/s.

Unit consisting of a precharger and collecting section.



This configuration applies to Type .