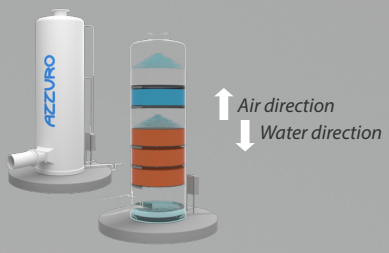
AZZURO

Clean air

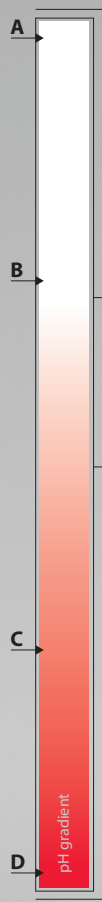


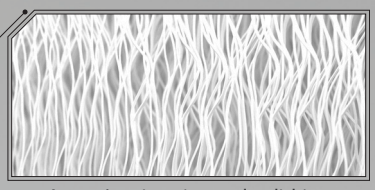
A | Clean Air Out
The last stage consists of an ultra dense biological surface area specially designed to polish the air before emitting it into the atmosphere

B | Oxidation of Organic Components
With all H_2S removed and a neutral pH, this is the heterotrophic zone where all organic components are being oxidized

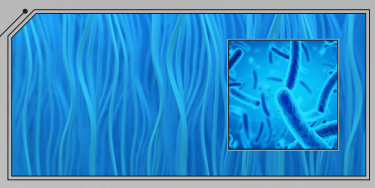
C | pH Increasing
As the concentration of the H_2S is decreasing, the pH will slowly rise when moving up in the Torrenta tower where the next step is the heterotrophic bacteria becoming active. The pH is now above 4

D | Incoming Air
The incoming air is treated by the autotrophic bacteria that oxidizes the inorganic pollution. H_2S is oxidized into H_2SO_4, which results in an acidic environment

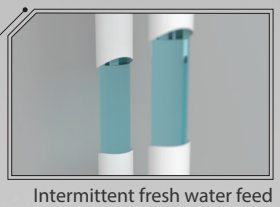




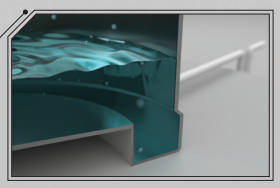
Azzuro's unique internal polishing step makes carbon filters obsolete



Azzuro's patented Spacious Wire Pac Media is optimized for microbial growth by offering the highest contact surface and void volume



Intermittent fresh water feed



Acidic drain water

Polluted air with sulfur and other organic compounds

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Torrenta *System*