

WHAT IS CLAIMED IS:

1. A garbage collection room automated air quality cleaning system which monitors waste collection room airborne particulates, said system comprising:
 - 5 an air quality sensor configured to sense particulates in air;
 - a microcontroller unit (MCU) configured to, based on the sensed particulates:
 - activate or deactivate a UVC light source contained within a specular reflective angular tubing which refracts UVC light rays emitted by the UVC light source in concentration to disinfect said air,
 - 10 activate or deactivate a fan source which is located behind a wet filter to provide back pressure stagnating airflow of said air,
 - activate or deactivate a disinfectant fluid flow which keeps said wet filter saturated, a fluid reservoir to capture excess disinfectant fluid and a changeable filter which keeps said fluid reservoir clean.
- 15 2. The system according to claim 1, further comprising means to perpetually fill fluids lost in evaporation of a disinfecting cycle.
3. The system according to claim 2, wherein said perpetually filled fluids are
20 chemically treated with a disinfectant used in killing germs and/or pathogens.
4. The system according to claim 1, wherein said UVC lamp is contained within an angular specular reflective coated intake port.
- 25 5. The system according to claim 1, wherein said MCU is configured to activate back pressure stagnating airflow caused by said wet filter to ensure proper stagnation or restriction of airflow and timing of UVC light exposure to airborne bacteria and fungi.

6. The system according to claim 1, wherein said wet filter is porous to allow passage of air while providing both sufficient means free path (MFP) of air flow and cellular pavingmenting with increased surface area.

5 7. The system according to claim 6, wherein said cellular pavingmenting is harmful bacteria and fungi which lyse due to primary interaction of UVC light exposure and disinfectant.

8. A system comprising:
10 means of filtering garbage room airborne contaminated fluids in a gravity fed silver lined fluid collection container which further provides a long term exposure of disinfectant to captured airborne contaminations in said airborne contaminated fluids.

9. The system according to claim 8, wherein said means is further configured to
15 ensure proper fill level of said gravity fed silver lined container with disinfecting fluids.

10. The system according to claim 9, wherein disinfecting fluids are pumped over the top of a wet air filter and gravity fed excess of said disinfecting fluids back in the silver lined fluid collection container.

20 11. The system according to claim 8, wherein said means is further configured to filter and decontaminate said contaminated fluids contained in said silver lined fluid collection container.

25 12. The system according to claim 11, wherein said means is further configured to allow access for changing a filter used to decontaminate said contaminated fluids in said silver lined fluid collection container.

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