

Patent technology
Ozone oxidation method
using swirling jet

Swirling jet and ozone deodorizing systems

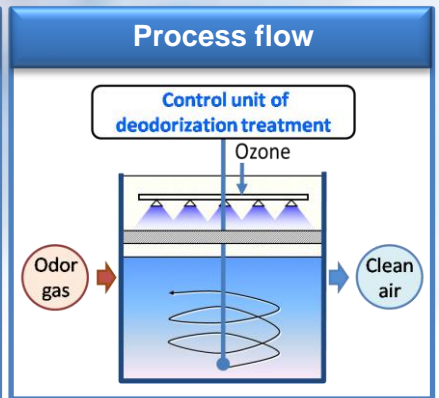
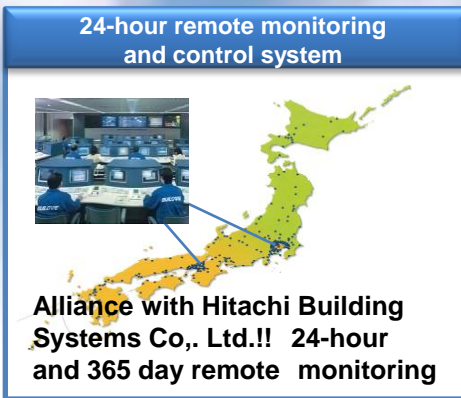
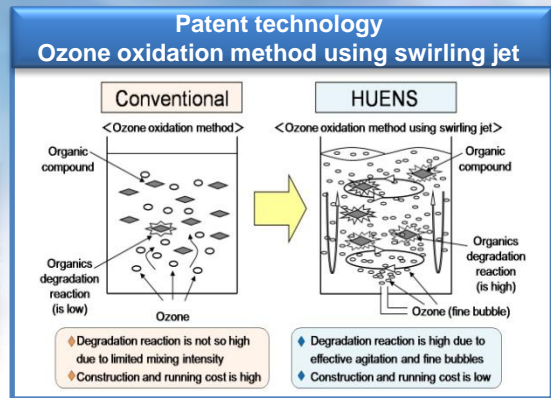
By using "ozone oxidation method using swirling jet", it is possible to deodorize effectively with low cost.

Special features

- Lower construction and running cost than conventional system, "wet type ozone deodorizing"
- The operation control can process the high level of flush odor
- The flexibility to treat the seasonal variation of odor concentration
- The effectivity under humid conditions where unfit for using the soil and activated carbon such as composting facility
- The possibility to use in low temperature region where is not good for biological and soil deodorization
- Lower maintenance cost than conventional system such as an activated carbon deodorization
- Longer operation life with simple maintenance management



Town-provided composting facility



One of our principles is to protect your environmental facilities permanently as "resources for global environment conservation" by our consistent maintenance system.

■ We will provide the environmental cleanup system with a concept of the high-quality, low-cost and a longer operation life.

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Information security management system



ISO 27001 (Certification No. IS511132)

Quality management system



ISO 9001 (Certification No. FS511133)

Environmental management system



ISO 14001 (Certification No. EMS511134)

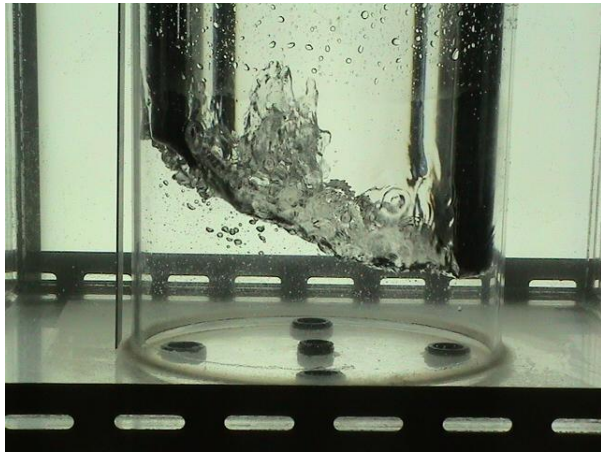


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Special features of swirling jet and ozone deodorizing systems

Ozone oxidation method using swirling jet

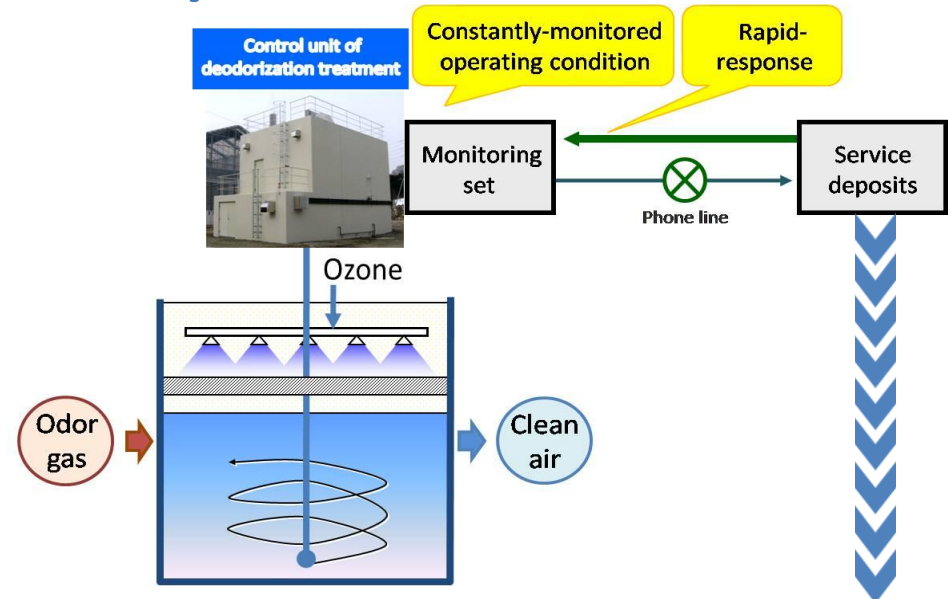


- Effective agitation using swirling jet
- Energy-saving and remarkable impact by dispersing fine bubbles of ozone using swirling jet
- Stable deodorization of hydrogen sulfide or another odor gas
- Lower cost and optimum suggestion based on analytical estimation of odor gas
- Maintenance system by professional engineer who think first of improving the deodorize performance and longer operation life of system
- Alliance with Hitachi Building Systems Co., Ltd. to remote monitor in 24 hours a day, 365 days a year
- Rapid-response service for unexpected problems from around the country

Delivery place

- Compositing facility
- Waste processing facility
- Soy sauce plant etc.

Basic system flow



Rapid-response! 24-hour and 365-day remote monitoring!!

<Control center of Hitachi Building Systems Co. Ltd.>



We will be in your place from 350 service deposits around the country.



We allied with **Hitachi Building Systems Co., Ltd.** to have a reliable 24-hours and 365-days remote monitoring system. You can get our rapid-response for unexpected problems from around the country.



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