



Piian Odor Neutralizing Systems

Mini Vaporizer System

All-Natural Odor Neutralizing Vapor System for Garbage Compactors, Trash Chutes and Trash Rooms

The Piian Mini Vaporizer System is an industrial-quality odor control system specifically designed to neutralize odors in in garbage compactors, garbage chutes and garbage rooms.

The system vaporizes a super concentrated solution of Piian Odor Neutralizer into the odorous environment where molecules of this all natural material safely and permanently destroy odors by an absorbing and a biodegrading action. This system does not use a perfume or masking agent, it creates a neutral odor balance.

Our unique and highly efficient vaporizing technology means the system only needs to be refilled once per year. Our proven design and industrial quality components means no maintenance requirements and ultra-low electrical consumption.

The Piian Mini Vaporizer was developed by us over 10 years ago to solve the performance problems and high service costs of perfume sprayer type systems and the hidden electrical costs and safety issues associated with ozone generators.



Piian Mini Vaporizer

Features

- No Perfumes** – All Natural Piian Odor Neutralizer safely destroys odors to create a neutral odor balance.
- Annual Refill** – by vaporizing concentrated material into tiny droplets, the system only needs a 5 gallon refill once per year.
- Lowest Operating Costs** – Consumes only \$1 in material per day. Runs only one minute per hour.
- Superior Construction** – Stainless Steel and Lexan construction plus proven industrial quality components ensure reliability and durability even in the toughest operating environment.
- Safety** – No Dangerous Ozone, No Obnoxious Fragrances. Dispenses All Natural Piian Odor Neutralizer which is made from only food or pharmaceutical grade ingredients and has been independently tested for compliance with EPA guidelines.
- Simple and Fast Installation** – Simple self-installation, unpack the unit, add the odor neutralizer, press the start button. The system is preprogrammed at the factory. Setup takes less than 15 minutes.
- Easy To Use** – A digital control panel insures full automation and allows simple adjustments, easy to understand.
- Low Level Indicator** – LED on control panel alerts user to low odor neutralizer level.
- Empty Alarm** – the system shuts off and an alarm will sound when the odor neutralizer needs to be replaced.
- High Humidity Operation** – the system does not use water allowing high performance even in high humidity conditions.
- Freezing Operation** – continues to operate down to -50°F.
- One Year Warranty** – the system comes with a full one year warranty. (Full warranty details available by request)
- Lifetime Warranty Option** – Each time you purchase a 5 gallon refill of Piian Odor Neutralizer we will extend your systems warranty by 1 year effectively giving a lifetime warranty on the system. (Full lifetime warranty details available by request)
- Technical Support** – Piian Systems has 20 years of experience; our technicians are factory trained and are ready to assist.



Applications	Markets
<ul style="list-style-type: none"> All types of Garbage Compactors, Indoor and Outdoor. Multi Story Garbage Chutes Trash Rooms up to 2000 Sq. Ft. Building Ventilation Systems Large Public Restrooms 	<ul style="list-style-type: none"> Shopping Malls Offices / Apartments Hospitals / Schools Grocery Stores Airports / Hotels Food Service

Manufactured by Piian Systems

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High Quality Features with Low Operating Costs

Ozone Generators must run 24 Hours per day, they can consume over \$2000 of electricity per year, plus they have a short lifespan. Ozone generators often exceed the permissible exposure limit for ozone exposure to employees as defined by the US EPA.

Perfume spray systems dispense fragrances that are often toxic, obnoxious and ineffective. They are inefficient leading to frequent refills causing interruption, necessary planning, labor and expense. Their cheap design makes them unreliable and they are rapidly discarded.

The Piian Mini Vaporizer is only required to run 1 minute every hour to provide effective odor control in most situations, electricity costs are negligible.

Producing a highly efficient vapor, a 5 gallon pail of Piian Odor Neutralizer only needs to be replaced once per year, with equivalent cost of \$1.00 per day.

Piian Odor Neutralizer has been independently tested and complies with all federal safety standards.



Piian Odor Neutralizing Vapor



Piian Digital Control Panel

Built using stainless steel and Lexan materials and industrial quality components our system is tough and reliable, with only one moving part it has virtually no maintenance requirements and will provide years of trouble free operation in freezing, high UV, wet or high humidity conditions, indoors and outdoors.

The unit is simple to install. Just insert the pail of odor neutralizer into the cabinet and press the start button. The system is fully automated and preprogrammed at the factory with settings that are suitable of most odor situations.

The Digital Control Panel allows the settings to be easily adjusted the panel contains a low level indicator light and an empty alarm to alert when a refill is required.

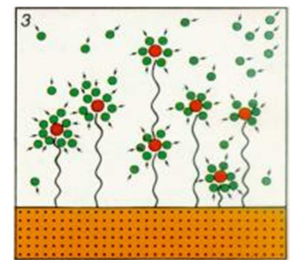
The system can be mounted on a wall or placed on the ground. Fittings are available to allow the vapor to be piped directly into the hopper of a Garbage Compactor or the system can dispense the vapor directly into the air in the case of a trash room.

Safety and Performance

The US EPA has classified Ozone as a pollutant and human irritant. Perfumes and masking agents are often toxic and can lead to secondary odor complaints.

Piian Odor Neutralizer is completely safe for dispersion in a working environment, it is manufactured completely from food grade and pharmaceutical grade ingredients; it is non-toxic, non-sensitizing, non-flammable, non-reactive, non-volatile, bio-degradable and ecologically safe.

Independent laboratory tests, field tests and a long track record have proven Piian Odor Neutralizer's ability to destroy common odorous gases and compounds such as Hydrogen Sulfide, Ammonia, Sulfur Dioxide, Mercaptan's, Carbon Disulfide, Acetic Acid / Anhydride, Phenols and Styrene.



Piian Odor Neutralizing Process

Model Numbers and Options

Mini Vaporizer System Items	Part #	Description
Standard Model – 115vAC	MMPU0001	Mini Vaporizer Unit – 115 vAC 60 Hz.
Standard Model – 230vAC	MMPU0002	Mini Vaporizer Unit – 230 vAC 50/60 Hz.
Installation Kit – Large Compactors	MMPU0003	Includes flexible hose, hard piping and fittings to connect Vaporizer to Large or Tall Garbage Compactor.
Vaporizer Hose (per foot)	MMPU0004	Flexible PVC Hose – 1 ½" Diameter (Can be used to connect the outlet of the vaporizer to a compactor / chute)
Vaporizer Hose Flange	MMPU0005	Stainless Steel Hose Flange – Allows 1 ½" hose to be flush mounted to compactor side or chute discharge.
Vaporizer Hose Wye	MMPU0006	Stainless Steel Hose Wye - .Allows 1 ½" hose to be split into two sections.
Mounting Pedestal	MMPU0007	Stand Alone Pedestal for Mini Vaporizer Units.
Piian Odor Neutralizer	PNCC0105	5 Gallon Pail – Ready To Use Solution, -50°F Operation, One year supply of Piian Odor Neutralizer.

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