



# ODOR NEUTRALIZING VAPOR SYSTEM

All-Natural Odor Control for Garbage Compactors, Trash Chutes and Trash Rooms



The **Piian Odor Neutralizing Vapor System** eliminates trash odors immediately and stops complaints about garbage compactors, trash chutes and garbage rooms.

**How It Works** - The system vaporizes a solution of All-Natural Piian Odor Neutralizer into the odorous environment causing odors to break down by a biodegrading action.

**Proven** - 1000's of systems in operation – references available.

**Guaranteed to Work** – Or you can return the system within 30 days.

**Safe** – Piian Odor Neutralizer is made from food grade ingredients.

**Convenient** - The system only needs a 5 gallon refill once per year.

**Reliable** - Advanced design and industrial components means years of service.

**Simple** - Takes a maintenance person 15 minutes to install – easy to use controls.

**Lifetime Warranty** – If it ever breaks there are no repair costs to you.

**Lowest Cost** – Our system costs \$1.00 per day to run. Expensive ozone generators consume \$1000's in electrical power per year and require costly maintenance. Perfume systems don't work; they break and require frequent refills.



*Odor Neutralizing Vapor System*



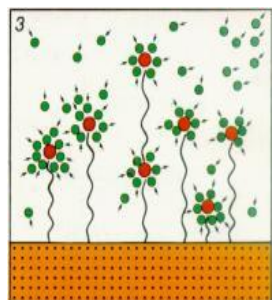
*All Natural Piian Odor Neutralizing Vapor – Effective, Safe, Environmentally Friendly.*



*Easy To Use Digital Control Panel*



*High Quality Components*



*Piian Odor Neutralizing Process*

## APPLICATIONS

- Garbage Compactors – Large or Small, Indoors & Outdoors.
- Multi Story Garbage Chutes – No Height Limit.
- Trash Rooms up to 2500 Sq. Ft.
- Building Ventilation Systems.
- Sewage Tanks.
- Large Public Restrooms.

## CUSTOMERS

- Hotels.
- Restaurants.
- Shopping Malls.
- Food Courts.
- Apartments.
- Grocery Stores.
- Hospitals / Schools / Colleges.
- Institutions.
- Commercial Buildings.

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## OTHER INFORMATION

- Compactor Installation** – The unit is typically mounted to a wall close to the garbage compactor. A 2” diameter hole is drilled into the compactor hopper. A hose is installed over the outlet of the vaporizer unit and then routed to the inside of the compactor. As the unit runs, vaporized odor neutralizer is blown inside the compactor where it builds up and eliminates odors.
- Chute Installation** – the unit is typically mounted on a wall close to the outlet of the chute. The natural chimney effect of a garbage chute draws the vaporized odor neutralizer up the chute eliminating odors at the base of the chute and within the upper sections of the chute. One unit can service 20 floors. Additional units can be installed on the upper floors of taller buildings.
- Open Installation** – For garbage dumpers, trash can areas and general trash rooms, the vaporizer is mounted above the top of the trash receptacles, the vaporized odor neutralizer builds up within the room. Ventilation should be minimized to retain the vaporized odor neutralizer inside the room.
- Mounting Options** – The unit can be mounted to a wall, mounting tabs are supplied, it can also be installed on uni-strut, a mounting pedestal is also available. The unit does not have to be mounted, it is happy to run just sitting on the floor.
- Cycle Times** – The unit comes preprogrammed to run for 30 seconds and remain off for 30 minutes. This is normally sufficient for most odor control requirements. At this setting a 5 gallon pail of odor neutralizer will last over 12 months. Cycle time adjustments are easy to make on the control panel.
- Electrical Costs / Connection** – Runs only one minute per hour. Runs on any standard 115 VAC electrical outlet (Draws 6 Amps when running).
- Tamper Proof** – The cover of the Digital Control Panel can be padlocked to prevent the unit from be tampered with. The cabinet door has a lock.
- Superior Construction** – Made in the USA, Stainless Steel and Lexan construction plus proven industrial quality components ensure reliability and durability even in the toughest operating environment. The unit can be installed inside or outside.
- 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.
- Easy To Use** – A digital control panel insures full automation and allows simple adjustments, easy to understand.
- Low Level Indicator** – An LED on control panel alerts user to low liquid level. 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** – can be configured to operate down to -50°F.
- Standard 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 you systems warranty by 1 year effectively giving a lifetime warranty on the system. (Full lifetime warranty details available by request).
- Lifetime Warranty Repair** – If anything ever happens to your Piian unit, simply pack it up and return it to us, we will refurbish it to like new condition.
- Technical Support** – Piian Systems has 20 years of experience; our technicians are factory trained and are ready to assist.

## ABOUT OZONE GENERATORS

Ozone Generators must run 24 Hours per day meaning even a small ozone unit will consume over \$1000 of electricity per year, often much more. Ozone Generators have a short lifespan and require expensive replacement parts and labor – often within 2 years. To be effective, Ozone generators must exceed the safe limit for ozone exposure to employees as defined by the US EPA. The US EPA has classified Ozone as a pollutant and human irritant. Ozone eats up anything containing carbon, this includes the hoses and rubber seals on you garbage compactor.

## ABOUT PERFUME SPRAYERS

Perfume spray systems dispense fragrances that are often toxic, obnoxious and functionally ineffective. Inefficiency leads to frequent refills, interruption, planning, labor and expense. Their cheap design makes them unreliable and often rapidly discarded. Perfumes and masking agents lead to secondary odor complaints as humans will associate the fragrance produced with garbage.

## ABOUT PIIAN ODOR NEUTRALIZER

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.

## 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, lasts one year.

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