

Glass-encased electrodes become electrically charged causing sparks to jump between them. It is the electrical charge passing through the oxygen that causes the third oxygen molecule to attach and, thus, creates ozone. In nature, this process occurs during thunderstorms and is responsible for the refreshing smell in the air. It indicates that odors and germs in the area have been destroyed or oxidized.

Marathon's Ozone system pumps ozone into the odor source of the waste compactor. For example, if your compactor is a Marathon RJ-250 self-contained compactor/container, ozone would be pumped from the remote Ozone Odor Control System through a hose with a "Y" fitting that leads to both the container and the compactor chamber. The best results are obtained when the ozone is pumped into enclosed areas. With the ozone pumped into these areas, the odor-producing bacteria's metabolism is increased to the extent that it is unable to survive. With the bacteria unable to carry on the decaying process responsible for the unpleasant gases, odor is eliminated. The odor molecules are converted to water vapor and other odorless, harmless gases.

The optional Marathon Ozone Odor Control System is available in sizes proportional to your waste compactor application.

Compactor Rental and Leasing Programs Available

For detailed specifications, recommendations, or free economic studies comparing various systems, contact Marathon Customer Care at **1-800-633-8974**.



Authorized Dealer:



Pictures in this literature are illustrative only. Specifications are subject to change without notice in order to accommodate improvements to the equipment. Complies with ANSI standard Z245.2, all applicable OSHA Regulations, and certified under WASTEC's Stationary Compactor Certification Program. Products must be used with safe practice and in accordance with said regulations and standards.



Ozone Odor Control System

Marathon's Ozone odor control system electronically eliminates all odors from the compactor and disposal areas for a more pleasant environment. The system significantly reduces bacteria growth, and eliminates compacted garbage odor, prevents fermentation, and destroys pest-attracting odors.

Ozone Odor Control System

Standard Features and Benefits

- Generates ozone, a powerful oxidizer which breaks down odor molecules and converts them into water vapor and other odorless, harmless gases.
- Eliminates odors that attract rats, mice, bees, stray cats, and dogs.
- Available in various sizes to meet your specific application
- Never needs filling

Offensive trash odor in a refuse storage or pickup area can be a negative reflection on your business or facility. In addition to the impact on the community, the odor creates an unpleasant work environment for employees and causes complaints from neighboring businesses and residents. Such complaints may result in violations and fines from the local health department. Most importantly, the odor can attract unwanted pests.

The ozone generating unit electronically eliminates all odors from the compactor and disposal areas for a more pleasant environment. The Ozone odor control system significantly reduces bacteria growth, eliminates garbage odor, prevents fermentation and destroys pest-attracting odors. The system can be directly installed on Marathon Vert-I-Pack compactors. Other Marathon compactors require a remote unit with a separate 120-volt power source.

Unlike deodorant systems, which only mask odors, the Ozone system actually destroys odors and the bacteria responsible for creating these odors. Ozone or O₃, is oxygen (O₂) to which energy has been added. Inside the Ozone unit, ozone is produced artificially by using a transformer to increase the voltage.



Marathon's Ozone Odor Control System installed on a Vert-I-Pack vertical compactor.



Marathon's Ozone Odor Control System installed on a Mini-Mac apartment compactor.