

THE **FUTURE**
OF OUR PLANET
LIES IN **YOUR**
HANDS

KILL WASTE

FUEL-FREE SOLID WASTE DISPOSAL SYSTEM



ZERO
FUEL



ZERO
MAINTENANCE



ZERO
EXPENSE

* After Installation &
Specific conditions varies based on type of waste



ORNATE  **EccoTech**
SOLUTIONS
Clean Earth project

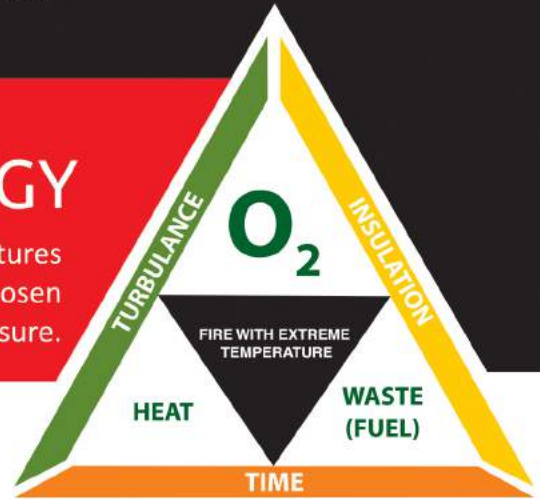
www.ornate-eccotechsolutions.com

FACT ABOUT OXYGEN

- It constitutes 20.95% of Atmospheric Air.
- It is considered as one of the best Oxidizing Agent for Combustion.
- Even used as Fuel to propel rockets in Space.

THE TECHNOLOGY

The fire triangle shows how extremely high temperatures can be achieved using the simplest of scientifically chosen components used in the right measure.



WHY USE ANOTHER FUEL, WHEN YOU CAN UTILIZE AND TRIGGER THE CALORIFIC VALUE OF THE WASTE ITSELF TO HELP INCINERATE IT ?

We at Ornate EccoTech Solution are driven by a realization that it is highly illogical to incinerate waste using any form of fuel or fuel derived energy and hence have designed and developed, a world's first, Eco-Friendly Fuel-Free High Temperature Dual Chamber Municipal Solid Waste/Sanitary Napkin Incinerator With In-Built Pollution Control systems.

The Equipment works on, PART-Pressurised Air Rifling Technique, a technology designed and developed by our patron, Dr. Thomas George, Scientist-H, Aeronautical Development Agency, DRDO, Bangalore. PART injects Pressurised air into the primary burning chamber through our proprietary rifled air intake system, which creates a highly turbulent environment for fuel-free incineration within the burning chamber.

The Equipment comes with four layers of reinforced thermal insulation, which includes a thick layer of imported fire cement concrete manufactured by Calderys-France and Morgan fire blanket-USA etc. These scientifically chosen layers of insulation ensure that the outside temperature of the equipment remains minimal even upon attaining an average operating temperature of 400 deg. Such high temperatures help flash-dry the moisture within the waste during operation and assist in creating a favourable environment for burning.

The equipment comes with a secondary chamber, attached to the primary chamber to first dry food waste and other waste with high moisture content before incinerating the same in the primary chamber on the ensuing burning cycle. This first of its kind chamber, helps turn the equipment into a complete and comprehensive solution to general household solid waste management needs.

KILL WASTE
FUEL-FREE SOLID WASTE DISPOSAL SYSTEM



KILL WASTE

- Minimum Investment
- No Fuel
- No Maintenance
- No Technicians Required
- Simple Equipment

CONVENTIONAL INCINERATORS

- Huge Investments
- Expensive Fuels
- Recurring Maintenance
- Need Trained Technicians To Operate
- Highly Complicated Equipment

- The equipment is designed for the approval of various pollution control boards.
- The output of kill waste is neutral ash, which can be used as manure.

As per scientific studies, every individual generates an average of 400 gms of general solid waste per day, which subsequently becomes a huge burden on existing landfills. Controlled combustion following simple segregation is proven to be the best method to reduce and reuse such waste and thereby minimize the burden on landfills by 90% - 95%.



EVERY CUSTOMER IS BOUND TO HAVE DOUBTS BEFORE CHOOSING A PRODUCT.

Frequently Asked Questions

Q1. Does the equipment require any fuel/electricity?

Ans: Absolutely No. our proprietary PART technology ensures that no fuel or electricity is required whatsoever.

Q2. How much does it cost to set up a KILL WASTE solid waste disposer?

Ans: Very less. Less than 1/3rd in comparison to conventional incinerator.

Q3. Does the equipment dispose of all types of waste?

Ans: Yes, The Equipment can incinerate all types of waste except Iron, Plaster of Paris, Toughened glass etc.

Q4. How does it incinerate wet-food waste without fuel?

Ans: The Equipment comes with a secondary wet waste chamber to first dry the wet waste before incinerating the same in the primary burning chamber.

Q5. Does it comply with relevant emission norms?

Ans. Our Scientifically designed wet multi scrubbing system once installed, ensures that the equipment complies to emission standards laid down by CPCB

Q6. Does it require a Skilled operator?

Ans: No. Any layman can operate this equipment after proper onsite training

Q7. How much space is required to install the equipment?

Ans: Area required is between 1mX1m and 5mX5m for our largest models.

Q8. Does it come with a warranty?

Ans: Yes. The equipment comes with a two years onsite replacement Warranty and, Free Bi-Monthly Service for two years.

Every KILL WASTE Solid Waste Dispenser is custom manufactured for your specifics needs. An onsite assessment is conducted by our technicians to determine your specific needs.

- **The variables of assessment will be :**
- Nature of waste
- Volume of waste
- Geographical/climatic conditions
- Characteristics of locations & surrounding buildings

Models

EWD-20 SANIDISPOSER	EWD-25 SOLID WASTE DISPOSER	EWD-40 SOLID WASTE DISPOSER
EWD-60 SOLID WASTE DISPOSER	EWD-80 SOLID WASTE DISPOSER	EWD-100 SOLID WASTE DISPOSER
EWD-150 SOLID WASTE DISPOSER	EWD-200 SOLID WASTE DISPOSER	EWD-250 SOLID WASTE DISPOSER
EWD-500(250x2) SOLID WASTE DISPOSER	EWD-D/S POLLUTION CONTROL DEVICE	EWH HOT WATER RECOVERY SYSTEM

Suitable for

Educational institutions | Hospitals | Residential Apartments | Villa Projects |
Business Establishments | Warehouses | Hotels | Restaurants | Catering units |
Auditoriums | Convention Center etc



REDUCE - REUSE - RECYCLE

Manufactured & Marketed By

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