

# delight

electronic public toilet



Engineered to ensure cleanliness, safety and durability, Delight delivers sanitation service to diverse geographies, terrains and environments.

Optimized Energy Consumption, Efficient Water Conservation Techniques, Eco-friendly Waste Management and Water Recycling Systems - places Delight at its competitive edge.

#### Impeccable Service through Technology

Cleanliness is the key. The user can report the hygiene status of the unit to the Control room with a single press. Technology reveals the working status, down-time, and service details of each unit. Ensures touch free washing & remote cleaning of the whole unit.

#### Uninterrupted service

Machine checks the status of all the components at regular intervals, alerts the service personnel to ensure standard down time.

#### Best suited for developing countries

A no-luxury, high utility product, Delight, employs appropriate technologies and components to handle huge public usages.

#### Cost Effective

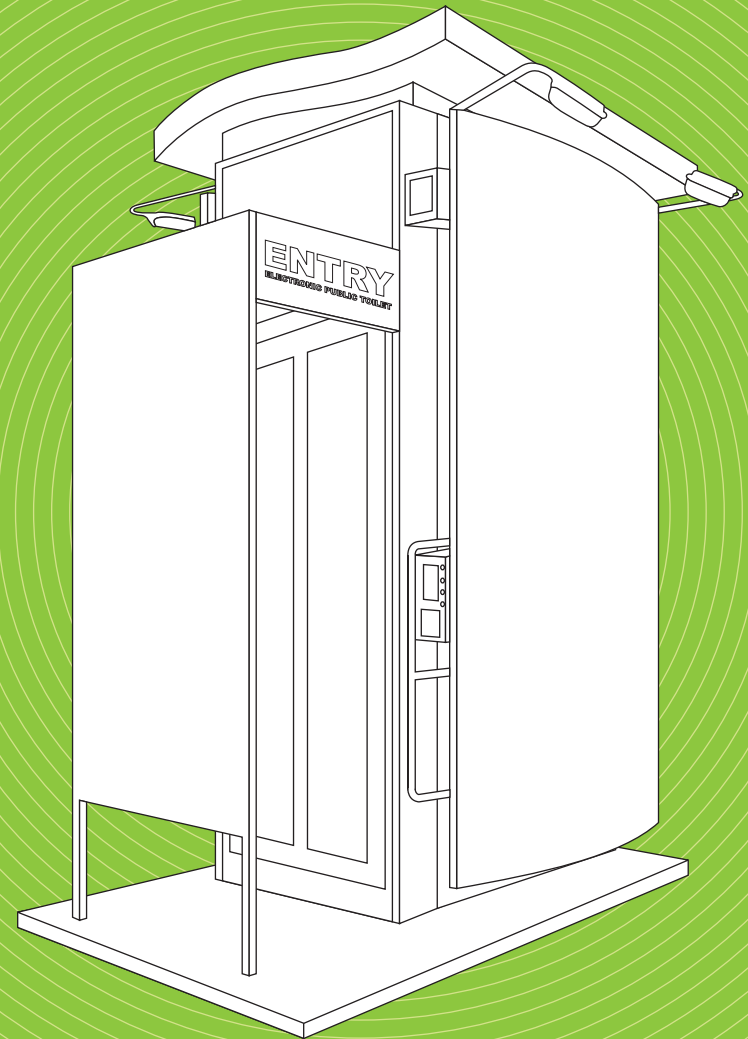
A cost effective mechanism to ensure proper public sanitation facility in regions with high floating population. Priced at par with traditional sanitation infrastructure.

Fully Automated Public Toilet

Cleanliness at its Best!!!....  
Auto washing & flushing

Water Usage Controls....  
Non-conventional Energy Sources

Complete Public Sanitation.....  
Technology for Better Living



Delight  
offers  
Public sanitation  
and cleanliness  
at its best!!!!

## Unique Features

### Built-up Space

Unique, compact and easily portable system. Requires just 45 sq.ft (4.18 sq.m.) of space to install the unit. Total internal area is 15 sq.ft (1.39 sq.m.) with a total height of 10 feet. Total advertisement area can be between 500 to 1000 sq.ft (46.45 to 92.90 sq.m.) of space.

### Advertisement Panels

Advertisements and daily collections, as lucrative revenue generation sources.

### Automatic Payment Collection

Coin Validator is capable of accepting any coins which can be programmed in the unit. Denominations will be accepted.

### Automatic Doors

Coin insertion act as triggers to open the door of the unit. Additional physical lock, also available, for extra safety.

### Automatic Washing Mechanisms

Efficient automatic washing mechanisms installed in the unit to ensure touch free cleaning.

### Pre- flush system

Equipped to flush 100 ml of water to wet the closet surface, so as to maintain the closet clean, before each use.

### After Use flush

Even if the user does not flush the toilet after use, the unit has its own system to flush and clean the closet. If the user flushes the toilet, the back-up flush system will not function.

### Water Conservation Techniques

For usages less than 3 minutes, system will flush only 1.5 liters of water assuming, it is the usage for urinal. For usages more than 3 minutes, 4 liters of water is flushed. Hence, total water usage per user will not exceed 4 liters which will smartly conserve water.

### Power mechanism

Normal 230 V AC power mechanism. Power back up as per the requirement of the region. Inadequate availability of water or power will prompt to close the unit, well in advance.

### Water Management

Water tank to store 500 liter or more from the supply sources. Alternatively, a motor to pump the water from other sources is also available. Motor will work only when the tank is empty and will shut down automatically after the usage.

### GPRS enabled Controls

GPRS enabled system to control the unit from remote location, which include remote opening and closing of unit, daily collection monitoring, and check units' health status through a web application or through mobile phones. Unit can be controlled from remote location.

### Solar Panel (Additional feature)

Solar panels can be connected to generate and add on to the normal powering systems.

### Attaching Bio Membrane Reactor and Water recycling unit (Additional feature)

In the areas where drainage tank facility is not available Delight can provide a Green Eco Friendly solution to manage collection and disposal of waste.

### Ensuring Public Safety

Public Safety is completely ensured in the unit. Entry to outside from the system is manual; a person can come outside any time using the normal door handle.

### Theft protection - (additional feature)

Unit can also incorporate unique theft protection and alarm system that would safeguard the unit from vandalism.

### Customer Feedback & Continuous Product Improvement

Delight is the first-of-its-kind solution to incorporate a Customer Support system for managing customer relations and amass feedback for enhancing the product features to craft Delight to a unique model diametrically opposed to future competition.

User friendly to the core.....yet manual for the user's comfort

## Delight- Models



DB 9007

- Steel Platform
- MS Sheet Pillars
- Stainless Steel walls
- Pre-flush
- Coin Entry/ Sliding Door
- Auto flush on exit
- Inbuilt water tank
- Web-enabled support



DB 9005

- Steel Platform
- MS Sheet Pillars
- Fibre Sheet Inserts
- Pre-Flush
- Coin Entry/Sliding door
- Auto flush on exit
- In built water tank
- Web Enabled Support

## Delight- Imperial Model





# IMPERIAL MODELS

*The Imperial Series of Automated Public toilets are designed with strict quality standards to meet the rough and random usage pattern expected from a public installation. Moreover, the models will maintain the aesthetics and ambience to suit any ultramodern urban setting. The machine is easy to install, operate, maintain and service.*

*The unit consists of three toilets, one each for Men, Women and the differently abled. Each room has an electronic door. Each door has a coin Validator.*



Eram Scientific Solutions (P) Ltd.  
Devigardens, T.C 9/1615(1)(2)(3),  
SRKMH Hospital Road,  
Sasthamangalam.P.O,  
Thiruvananthapuram, Kerala, India  
+91 -471- 4062125  
info@eramscientific.net  
www.eramscientific.net

#### Group Companies

##### SAUDI ARABIA

Eram Engineering, Hail center, Suite No. 1334  
PB No 76629, Al-Khobar 31952, Kingdom of Saudi Arabia  
Tel.: +966-3-8142664 , Fax: +966-3-857 5110  
Email:eram@eramengineering.com,  
www.eramengineering.com

##### KINGDOM OF BAHRAIN

ITL Contracting Company PB No. 24642, Muharaq,  
Kingdom of Bahrain  
Tel: +973-1-729 6518, Fax: +973-1-729 6519  
Email: contitl@batelco.com.bh,  
www.eramengineering.com

##### UNITED ARAB EMIRATES - UAE

Eram Engineering for Lifts and Telecommunication  
PB No. 26381, Dubai, UAE  
Tel: +971-4-347 9444, Fax: +971-4-347 6383  
Email: dubai@eramengineering.com,  
www.eramengineering.com

##### INDIA

Eram Engineering India Ltd.  
Behind Old Handloom House Fort  
Mumbai, 400 001  
Tel: +9122-22-666 333, Fax: +922-22-658 013  
Email: india@eramengineering.com,  
www.eramengineering.com

##### PHILIPPINES

Florama Bldg. GF 3625-A, bautista St.,  
Palanan, Macity, Philippiness  
Tel.: +632 556 2138, Fax: +632 729 7557  
Email: philippieness@eramengineering.com,  
www.eramengineering.com

##### UNITED KINGDOM

Eram International, 5th Floor,  
Staple Inn Building (North) HIG,  
London, WC1V7PZ, United Kingdom  
Tel.: +44 2074 040222, Fax: +44 2074 040224

Sales Contact : +91 99471 22277 | Visit us @ [www.eramscientific.net](http://www.eramscientific.net)