

Namma Toilet

FAQs

What is Namma Toilet?

Namma Toilet is a Modular Toilet solution that has been designed to eradicate open defecation, keeping in mind the requirements of Indian sanitary practices. A series of user studies, interviews and follow up presentations have resulted in a specific set of requirements based on which Namma Toilet has been designed. It is a total sanitary solution with a Universal Design.

What material is it made of?

Namma Toilet is made of Composite Fibreglass Sandwiched material which has excellent durability and strength. It is designed to withstand the extreme harsh conditions one can expect outdoors in our country and the high usage.

What do you mean modular?

Namma Toilet can be configured to many different complexes based on the requirement at the site, as they are modular. One is the basic toilet module. This is available in 4 options. Male Physically Challenged (EWC), Ladies Physically Challenged (EWC), Male Regular (IWC) and Ladies Regular (IWC). There is a Urinal Module (2 People can use at same time), There are stand alone modules for Handwash, Partitions for separating the Womens sections from the Mens, End partitions designed to keep stray animals away, Overhead Water tank structure and Canopies (Privacy Screens) for the individual toilet modules. In addition to these, the Solar based lighting module varies according to the design or size of the toilet complex. In rural areas where power is a problem or remote areas an additional option is available for having the bore motor run of solar power. A toilet complex can be designed with a combination of these individual modules to best fit the requirements of the site selected.

How do you dispose of the waste?

In Urban areas where Underground drainage connections are available, we can connect the waste to these lines. In areas where this option is not available we can have a septic tank with a bio-enzyme based treatment system. This helps control the COD/BOD levels and Ecoli in the waste. Additionally, in areas which have a very sensitive ecological system, we can provide a batch waste treatment system which totally controls the waste water let out and this water can be used for watering nearby trees.

What type of areas can we deploy these toilets in?

Due to the construction and philosophy behind Namma Toilet, it is suitable for all kinds of areas from remote locations, to Villages, Towns and Cities. The design is modern and appealing and blends into the local landscape.

What is the water source required?

The most common water source for Namma Toilet is a bore well sunk near the site. In most cases this is preferred to ensure continuous supply of water to the toilets. There are many locations where existing water sources are available and have been made use of.

Why these toilets appear costly per seat when compared to existing toilets?

These modular toilets are designed with the end user's requirements in mind. Our effort has been on creating infrastructure that will be sustainable and the public will use happily, unlike many low cost toilets which become unusable within few months of deployment. The material used right from the Booth material, Interior surface finish quality, Ceramic Pans, to Stainless steel taps, Fittings and handles, modern LED lighting and Solar Power all enhance the end user appeal. Elements like Polycarbonate roofs for natural light ventilation and abundant SS louvers for good air ventilation are provided. Flush tanks are provided in every module and an overhead tank of sufficient capacity (2000 Litres) is provided. We thereby ensure availability of water at all times in the complex.

The overhead water tank is designed in such a way that there is a room at the bottom with locking arrangement to house the cleaning material and also doubles as shelter for the maintenance team during heavy rainfall. The privacy screens are made from Stainless steel and provide the right level of privacy for the user, while also ensuring that the complex is not misused by antisocial elements. The whole complex is fixed on a platform with attractive tiling. When all these extras are added on and calculated, the per seat cost appears higher but in the end when you take the life cycle costs and facilities provided as compared to regular toilets the costs are very much comparable and also the purpose for which it is built is served, which is of the most importance.

What has been the response so far?

We have had fantastic response from the public and have lots of feedback from end users on how good the toilets are. In public places like bus stands more than 200 persons use each toilet per day. In tourist places like Ooty, people from all over India and even foreigners have given good comments on the quality of the toilets. In community toilet we have seen steady increase in the number of people using toilets from the initial installation, on further investigation it was found that people from neighbouring areas are travelling long distances to use this facility. We are constantly listening and evolving the design to ensure we stay abreast of the latest developments in materials and production processes and also upgrade the design for more comforts.

What is the thickness of the material?

The Composite material is 14.5mm thick.

What are the highlight of the materials used?

The material is fire retardant, acid and alkali proof, water resistant, termite resistant and has very high impact strenghts.

What are the other USPs of Namma Toilet?

The paint used in finishing the toilet module is resistant to graffiti and has a very high hardness making it resistant to scratches. The paints finish also acts as an inhibitor for bacterial growth and completely smell free, which is normally associated with a Public toilet, ***this actually a revolution in public toilets and has been proved over the last two and half years even in high usage areas where 200 people use per day.***

What are the dimensions of a toilet module?

Each module is 3.5ft x 4ft in size and 7.5ft height.

What is the space available in front and rear of each toilet module?

A 3ft walkway is available in front of the toilet modules and about 2.5ft in the rear.

What is the difference between a Men's module and Ladies Module?

The Ladies module has a sanitary disposal unit located at the rear end to ensure proper disposal of sanitary napkins.

What are the features of the Physically Challenged Namma Toilets?

The PC toilets have wider doors, ramp for proper access, interior fully fitted with grab bars for ease of use and also Western closets are provided.

How does the Solar based LED lighting work?

The system is designed so that there is light from sunset to daybreak without any manual intervention. The system is designed with a backup of 3 days. This means if there is cloud cover or rainfall the backup will work for 3 days.

What kind of cleaning is required to maintain the toilets?

It is suggested to clean the toilets every 3 hours or so with normal cleaning liquids without the use of any acids or bleaches. This is sufficient to maintain a very clean and hygienic environment without any foul smells. Please note like any other toilet, periodic cleaning is required, this mostly depends on the usage pattern, like for example at public places it might be done once in three hours and for community toilets twice in the morning and twice in the evening, but it is recommended that the Local body studies the usage pattern and accordingly plan the cleaning cycle.

Identification and Signage of Namma Toilet?

Lot of detail and attention has been given to the signage of Namma Toilet, it is simple and very attractive and guides the user without any confusion. The outside Identity of Namma Toilet has been so designed that the public is immediately aware that a high quality toilet is there for usage. There are also roadway signages for the travelling public to be pre informed that there is a Namma Toilet just a few metres ahead.

How is the Look and Feel of Namma Toilets?

The Namma Toilets have been design to look very modern and attractive with vibrant colours and use of SS frames and colourful canopies with pleasing signage. Overall the user has a very pleasant experience in using a public toilet of this quality.

What is the life of Namma Toilet?

Namma Toilet is made of high quality composite material and life is more than 25 years.

Can Namma Toilet be refurbished periodically to maintain the interior performance?

Namma toilet interior surface can be painted once in every five years to have a totally new look, the painting can be done locally at site easily. Once the painting is done the toilet is as good as new.