

U.N. PAL & SON

Bhaskur, Domjur, Howrah - 711405



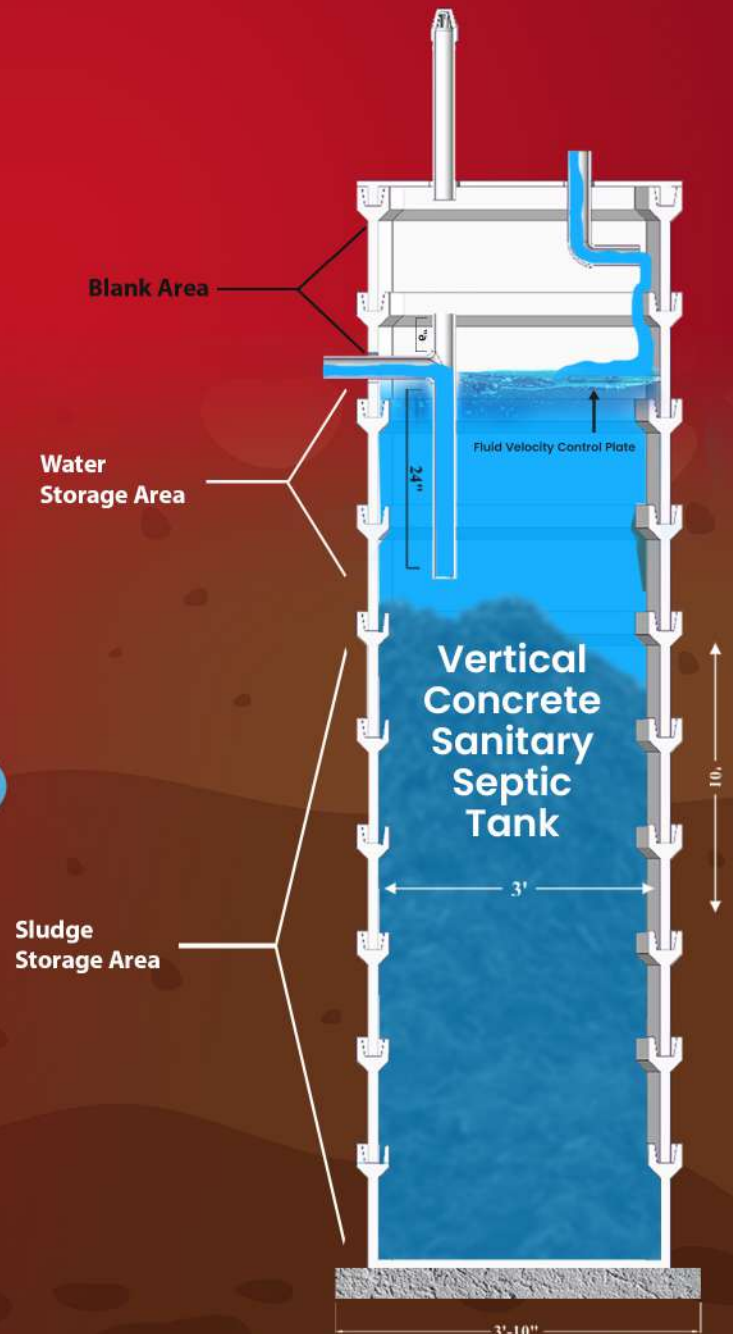
U.N. PAL & SON

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PATENT NO. 390591-001 / 390563-001 / 390581-001

SMART SEPTIC TANK

1. Space Saving
2. Customizable
3. High Volume
4. Easy to Clean
5. Eco Friendly
6. Value for Money



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U.N. PAL & SON

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ABOUT US

Welcome to U. N. PAL & SON, Your Reliable Source for Concrete Vertical Septic Tanks

At U. N. PAL & SON, we take pride in being a leading manufacturer of high-quality Concrete Vertical Septic Tanks. For a century, we've specialized in well ring for latrine chambers. Recognizing the environmental impact of our traditional product, we've innovated a leak-proof solution, now Patent Certified by the Government of India. Our commitment to sustainability drives us forward, ensuring a cleaner, greener future for all. We will install Septic Tank without wasting your area i.e it will acquire smaller area and providing you a larger volume. We are also providing an easiest cleaning process.

OUR MISSION

Our mission is to provide superior septic solutions that meet the highest standards of quality, durability, and environmental sustainability. We aim to deliver products that exceed our customer's expectations, solve burning problems, offer space-saving designs, and feature easy cleaning processes, all while contributing to the well-being of our communities.

A septic tank can be repurposed as an underground water tank by thoroughly cleaning and disinfecting it. Afterward, it can be fitted with necessary inlets, outlets, and overflow pipes to integrate into a rainwater harvesting system, providing a practical solution for water storage.

WHY CHOOSE US?

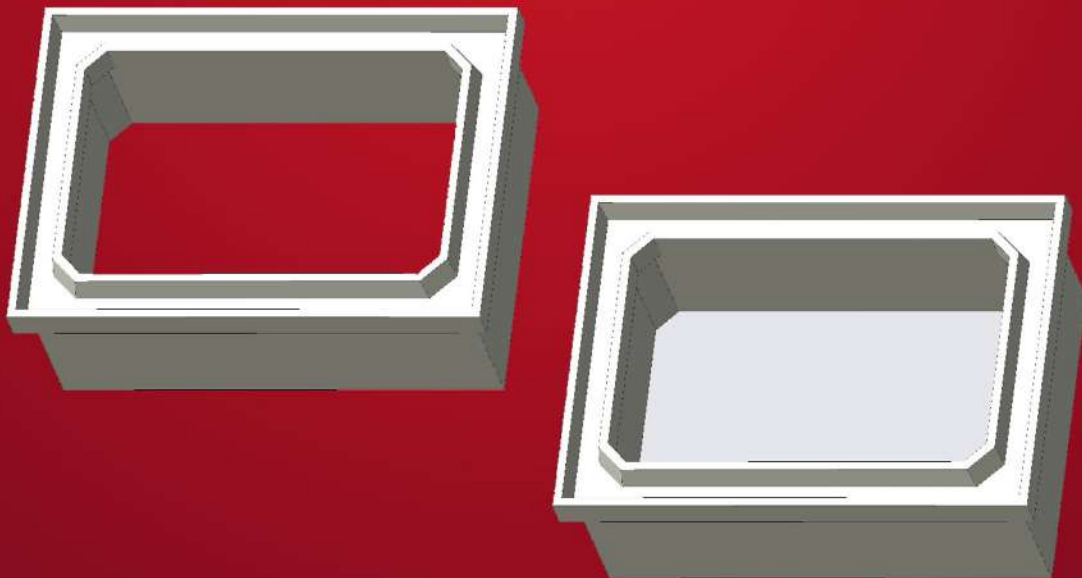
At our company, quality assurance is paramount. Our septic tanks are crafted using top-notch materials and undergo rigorous quality control checks to guarantee lasting durability and optimal performance. Backed by a team of seasoned professionals, we excel in every phase of production, from meticulous design to seamless installation. Moreover, our commitment to outstanding customer service means our knowledgeable team is always available to address any inquiries or issues you may encounter.

OUR PRODUCTS

- **Concrete Vertical Septic Tanks:** Our septic tanks are designed to provide efficient and reliable wastewater treatment which is also space saving for residential, commercial and industrial applications.
- **Custom Solutions:** We understand that every project is unique. That's why we offer custom solutions tailored to meet your specific requirements. i. e. the volume of septic tank is customizable.

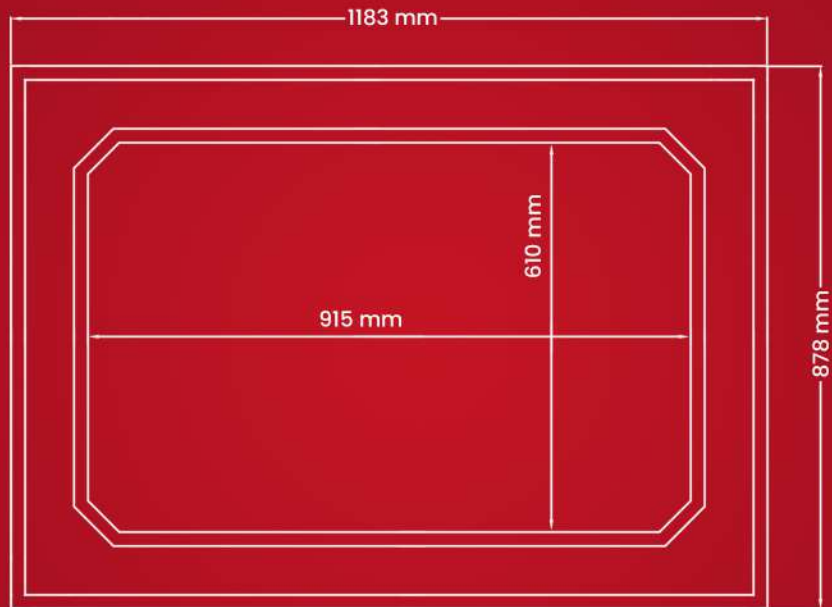
COMMITMENT TO SUSTAINABILITY

At U. N. PAL & SON, we are committed to sustainability. Our septic tanks are designed to minimize environmental impact while maximizing efficiency and performance.

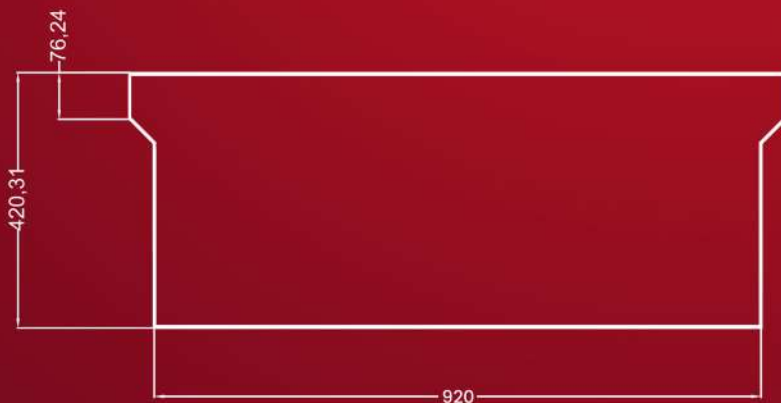


SPECIFICATIONS

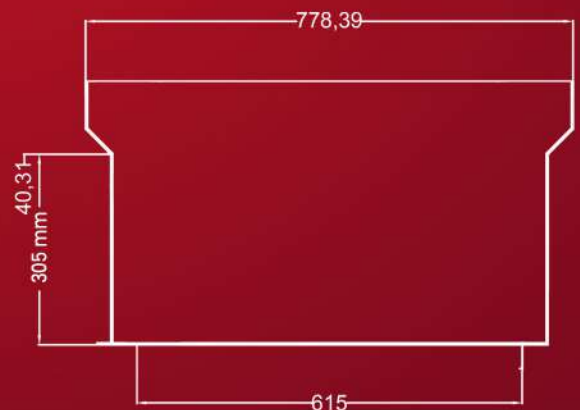
- Space Saving
- Budget Friendly
- Hassle - Free Installation : As our team will take the responsibility of installation so that Customer should not have to face any hassle.
- Cleaning Process - (Easiest Cleaning Process)



TOP VIEW



FRONT VIEW



SIDE VIEW

DIFFERENCE BETWEEN OTHERS & OUR PRODUCT

SMART SEPTIC TANK

The sleek surface area of the Smart Septic Tank poses a formidable barrier to tree roots seeking expansion. Consequently, the integrity of the tank remains unscathed as roots find no purchase to disrupt its structure

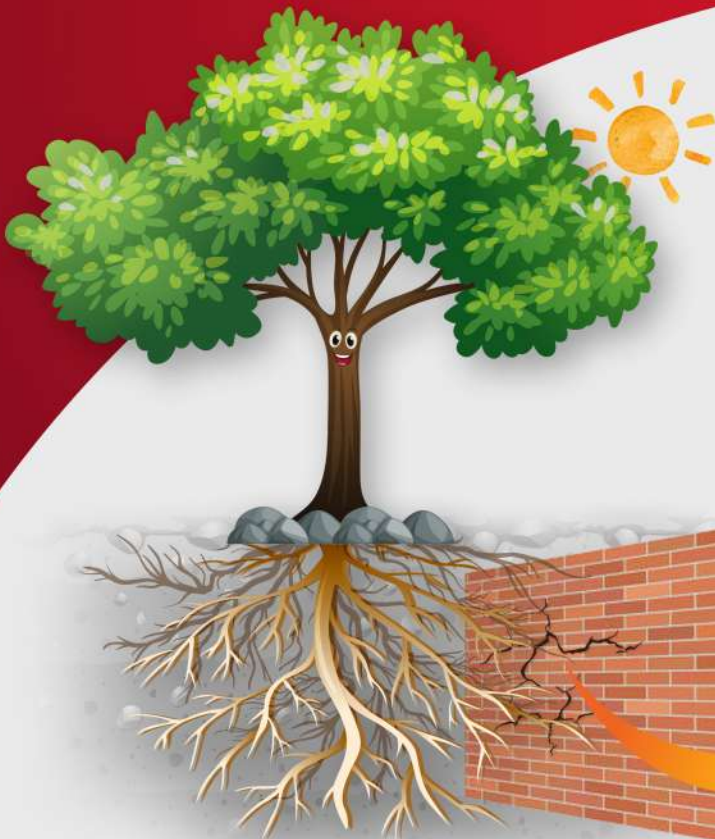
In Smart Septic Tanks tree roots do not crack the septic tank and do not able to expand.



OTHER SEPTIC TANK

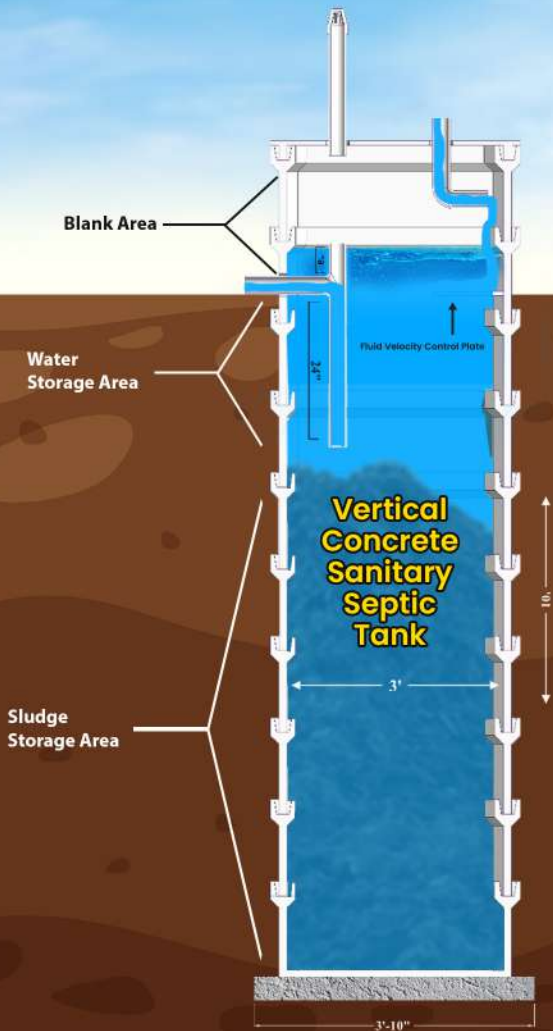
In the rough surface of bricks, deep gaps form between the bricks and the cement. These gaps become dark pathways for roots to invade, eager to grow and spread. Their persistent growth grips the wall's foundation, pulling it apart with each push. This relentless force causes the once strong wall to bend and crumble, giving in to the constant pressure from within.

In Other Septic Tanks tree roots crack the wall and able to expand.



SMART SEPTIC TANK VS COMMON SEPTIC TANK

OUR SMART SEPTIC TANK



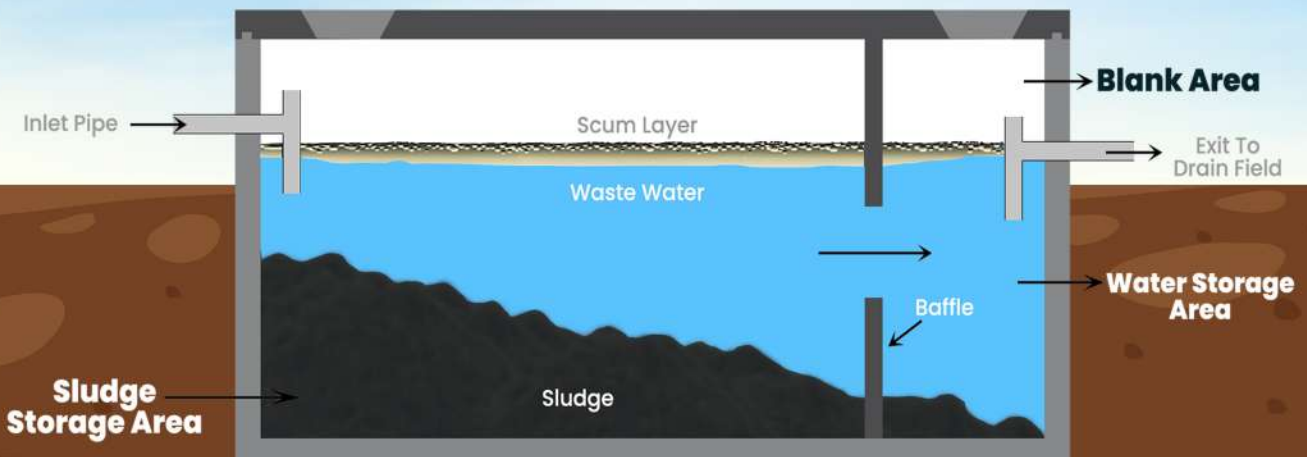
SMART SEPTIC TANK (VERTICAL)

- 1) Storage capacity 3000 litres.
 - 2) Sludge storage area 2500 liters.
 - 3) Water and empty space 500 liters.
- Therefore 15% of the space is for water and free space and 85% is for Sludge Area.**

TRADITIONAL SEPTIC TANK (HORIZONTAL)

- 1) Storage capacity 6000 litres.
 - 2) Sludge storage area 2500 liters.
 - 3) Water and empty space 3500 liters.
- Therefore 60% of the space is for water and free space and 40% is for Sludge Area.**

COMMON HORIZONTAL SEPTIC TANK



Vertical Concrete Sanitary Septic Tank

The Vertical Concrete Sanitary Septic Tank is a robust and durable solution for managing residential and commercial wastewater. Constructed from high-quality, reinforced concrete, this septic tank is designed to withstand harsh environmental conditions and provide long-lasting service. Its vertical orientation optimizes space utilization, making it ideal for properties with limited surface area.

Key Features:

- **Material :** Made from reinforced concrete, ensuring structural integrity and resistance to external pressures.
- **Design :** The vertical configuration allows for efficient use of space, reducing the tank's footprint while maintaining high capacity.
- **Capacity :** Available in various capacities to suit different property sizes and wastewater generation rates.
- **Durability :** The concrete material is resistant to corrosion, leaks, and environmental degradation, ensuring a lifespan of several decades with minimal maintenance.
- **Installation :** Can be installed below ground, offering a discreet and space-saving wastewater management solution.

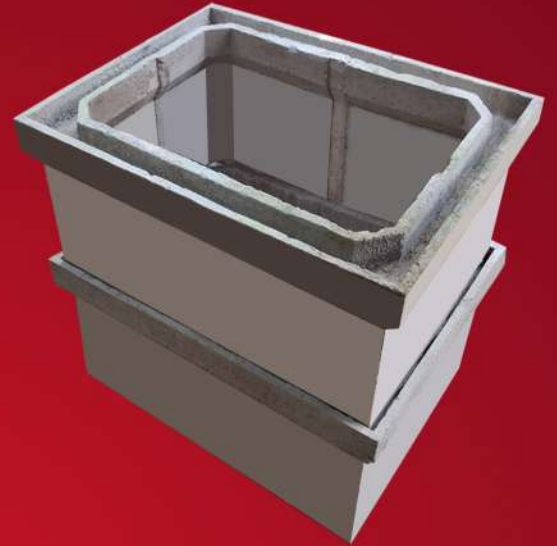
Benefits:

- **Space Efficiency :** Ideal for properties with limited space, the vertical design maximizes volume without requiring extensive horizontal space.
- **Cost-Effective :** Long lifespan and low maintenance needs make this a cost-effective solution over time.
- **Environmental Protection :** Designed to prevent leakage and contamination, safeguarding the surrounding soil and groundwater.
- **Versatility :** Suitable for a range of applications, from single-family homes to larger commercial establishments.

The Vertical Concrete Sanitary Septic Tank combines innovative design with the strength and reliability of concrete, providing an effective and sustainable wastewater management solution.

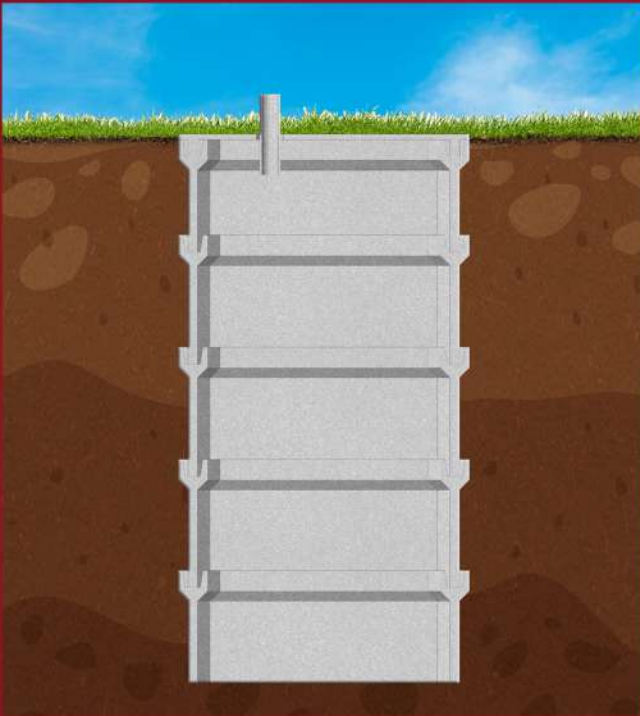
CONCLUSION

In conclusion, smart septic tank systems represent a promising solution to address the challenges of traditional septic systems. By integrating advanced technology such as sensors, IoT connectivity, and data analytics, these systems offer improved monitoring, maintenance, and efficiency. They enable timely detection of issues, optimize resource usage, and enhance environmental sustainability. Overall, smart septic tanks hold great potential to revolutionize waste management practices, ensuring cleaner, safer, and more sustainable communities for the future.

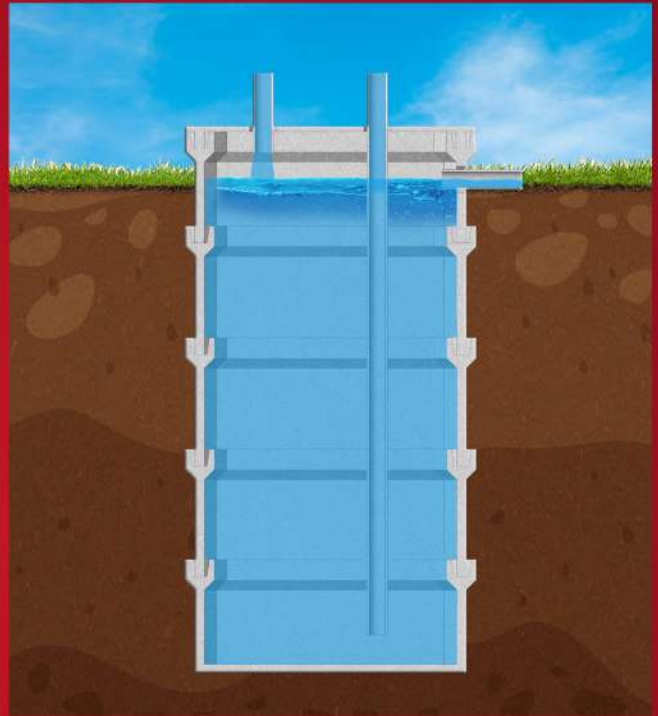


OTHER UTILITIES

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SOAK PIT



UNDERGROUND WATER TANK



PLANT POT



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