



Devices India Pvt. Ltd.

Solution thinking mindset...



Sanitary Napkin Disposal Machine (Incinerator)



With Sanitary Napkins, we also need to give solution to dispose these Sanitary napkins and avoid current ways of disposal like sanitary napkins are mixed with regular waste and it's difficult to segregate them and dispose them off. This exposes these virus borne wastes to the environment, animals and public at large causing diseases like Hepatitis B and C. It exposes waste pickers to disease-causing microorganisms E coli, Salmonella, Staphylococcus, HIV and pathogens that cause hepatitis and tetanus. Incinerating these napkins is the only way of getting rid of these problems. Hence, Installation of Incinerator is advisable and should be preferred.

A safe, hygienic, scientific & quick method of disposal of sanitary napkins is to incinerate them at relatively low temperature to harmless sterile ash. It helps in instant disposal of used napkins in a very scientific and hygienic way without generating harmful emissions. Proposed Incinerator come with Ceramic high density insulation for external thermal protection, Auto Thermal Cut off for power saving. Capacity of the machine is 200 napkins per day.

A. Sanitary Napkin Disposal Machine is the only product in India that incinerates used Sanitary Pads at 800 Degrees C and thus adheres to CPCB norms.

B. The high temperature is required so as to destroy any harmful bacteria in the body fluids, and prevent Sanitation Workers from exposure to infections and other health hazards due to improper incineration.

1. Power Consumption :

Sanitary Napkin Disposal Machine is a well thought of and engineered product. The design of the incineration chamber ensures that power consumption is at the bare minimum while providing the required high temperature of 800 Deg C. Sanitary Disposal Machine Micro model, uses only 800 Watts / hr. Power consumption in this machine is 0.8 units, i.e. Less than 1 unit per hour of continuous usage.

2. Safety Features

Sanitary Napkin Disposal Machine uses electrical components that make the machine inherently,

- Shock proof
- Electrocution Proof
- Power over load proof
- It will protect the user from any electrical power leakages (earth leakages)
- Flame Free Dropping Port The opening of the machine leads the user to a Flame- Free napkin dropping area. This can prevent any accidental burns. This area is totally protected from the main combustion / burning area.

3. Warranty and after sales service

Sanitary Napkin Disposal Machine comes with a FREE maintenance warranty for a period of ONE YEAR..

4. Preventive maintenance visits per installation during warranty period

COMPONENTS - NO REPAIR policy. We only REPLACE the machines in case of identical manufacturing defects External damage will not be considered in warranty

5. Heat guard on chimney

FREE with each installation as a standard accessory. The initial few feet of the chimney is easily accessible to children or the users. Hence as a SAFETY MEASURE, we are providing the users with a HEAT GUARD on the chimney up to 2 feet height. This will prevent any accidental burn injuries with heat / hot chimney pipe.

6. Protection from rain and rodents

The top of the chimney is protected with a Cap that prevents Rain water from entering into the machine through the chimney. This also serves as a rodent / pest entry prevention cap / hood.

SANITARY NAPKIN VENDING MACHINE

As per study in India only 12% of women use Sanitary Napkins and percentage is much lower in Rural Areas. It is observed that 20 percent of girls do not use toilets in school during menstruation for fear of staining it, and more than two out of five girls had no idea about menstruation when they started with their periods. Of those who had some idea, only 16 percent received any information in school.

There is a potential loss to India on economic and social front as a result of girls dropping out of school due to menstrual health issues and thus getting into early marriages and early pregnancies. More girls in schools mean universal primary education and increased gender parity while contributing to eradication of poverty. Educated mothers also contribute to improved maternal health and reduction in child mortality. Hence, educating and creating awareness for use of Sanitary Napkins and providing easy access to Sanitary Napkins using Vending Machine is of prime importance and can be viewed as a primary need.

Sanitary Napkin Vending Machine is a Self-Service Vending Machine used for dispensing Sanitary Napkins against acceptance of Coins. Proposed Vending Machine has loading capacity of 24 napkins with display for showing Napkin Stock availability. It has Mechanical, single value coin acceptor for Rs. 5 Coins and there is no need for electricity.

Three major objectives of Raavi

1. To educate and create awareness about use of Sanitary Napkins and provide easy access to Sanitary Napkins by installation of Simple Vending Machines with replenishment program in Rural Schools and Colleges so that Girls/Women get habituated to use this Sanitary Napkins for their better health care.
2. To encourage use of these machines is ideal, to solve the problem of sanitary napkin disposal by installing incinerators which shall reduce spread of infection due to unhygienic disposal of sanitary napkins, reduce environmental pollution caused by biodegradable sanitary napkins and reduce clogging of public drainage system due to spongy nature of napkins.
3. To provide quality infrastructure in the form of vending machines & incinerators to promote Menstrual Hygiene management in schools.

Do You Know...
"Average woman will throw nearly **16,800** pads in her life span"



AUTOMATIC VENDING MACHINE

We have developed a fully sophisticated unit which is reinforced by our panel of technical experts. Our Automatic sanitary napkin vending machine is electrically operated with 48Hr battery backup. Napkins are set as per requirement with capacity of minimum 30 to 50 napkins. These machines are easy to install and are user friendly with low cost energy consumption, made with M.S sheet metal with attractive powder coating colour combination.

Features :

- Accept Multiple Coins.
- Easy access and availability of napkins.
- Can store different sizes of napkin.
- Wall Mounted

MANUAL VENDING MACHINE

We have developed manual sanitary napkin vending machine with standard grade material. It is easy to install and easy to handle. This machine uses the multi coin module with a rotating handle to get the napkin. The capacity of this machine is 25 napkins to 50 . It also accommodates all size of napkins.

Features:

- Accept Multiple Coins.
- Easy access to and availability of napkin.
- Stores different sizes of napkins.
- Wall Mounted.
- Inner part made with special high-quality raw materials.





OUTDOOR GYM

An outdoor gym is an environmental infrastructure built in a public open space to promote structured physical activity. The provision of outdoor gym is increasingly seen as an important strategy to realize public health agendas promoting habitual physical activity. This gym is a free facility for the public use which is a motivation to promote its use. The promotion of physical activity is an important public health agenda, as it is well documented that adequate physical activity is vital for disease prevention and health promotion. An outdoor gym can be installed in an open space or a suitable area in a park / society / school & Colleges. It consists of a cluster of weather-resistant exercise machines or exercise stations that assist individuals to perform appropriate physical activity.

The effects of the Open Gym are: (1) better physical health; (2) better mental health (3) improved fitness (4) regaining strength (5) improvement in mood (6) habit of health-pursuit (7) weight reduction. Types of outdoor gym equipment may vary according to the nature of parks, locality and the visitors. There is no fixed list which can include all of the machines or fixtures used in different parts of the world for outdoor recreation. Selection of machines depends upon space available and public choice.



CALL BELL SYSTEM

This is a Wireless call bell system.

Wireless nurse call systems, from RAAVI is a new advancement in technology. This is an appropriate electronic solution for the modern day hospital. It holds the latest cutting edge wireless designs at its core. Since the machines need neither any wiring nor any installation, it becomes very simple for hospital staff to deploy it within minutes. The wireless nurse call systems are expandable from a few beds to many. No future maintenance is needed for these Hospitals worldwide deploy RAAVI wireless nurse call system solution. This wireless attendant call system caters from a few beds to even over thousand beds. However whatever might be some underlying limitations of the signal range, it can be overcome by repeaters. Signal range improves by, intermediate repeaters and boosters.

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| Aplication | Hospital , clinic purpose |
| Brand | RAAVI |
| Colour | Black |
| Material | ABS |
| Mount type | Wall mount |
| Size | 250 x 60 x 260 |
| Display Type | LED |
| Shape | Square |
| Operating supply | 12v 1amp D.C |



Regd. Off :

Sr. No. 550 / 551 / 1, Avanti Apartment,
Office No. 2, 2nd Floor, Narayan Peth,
Opp. Mati Ganpati Mandir, Pune 411030.

Factory Address :

S.No. 131/2B, Barangani Mala, Dhayari,
Sinhgad Road, Pune 411041.

Tel : 020 24457080

M : 9822602070 / 9850092176

raavidevicesindia@gmail.com

contact@raavidevicesindia.com

www.raavidevicesindia.com