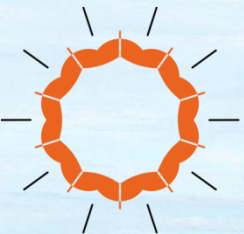


PRAYOSHA INNOVATIVE

Presents

SedimcleanTM

The Commercial water Tank Cleaning
Machine

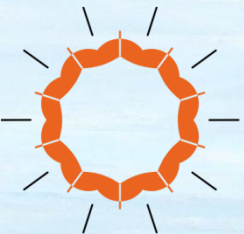


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Applications

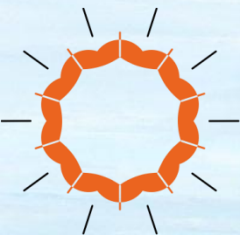
Sediment deposition cleaning for 500 to 10000 liters capacity water tanks such as

- Domestic water storage tanks
- Underground water sumps,
- Overhead water storage tanks
- Low depth loft tanks,
- Swimming pools,
- Fish ponds
- Apartment, hospitals, schools, party plot water tanks.... etc.



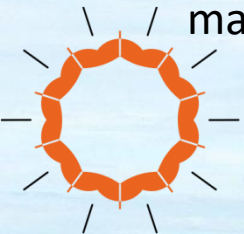
Features

- No need to empty out water storage tank.
- No water supply continuity during tank cleaning of water storage tank.
- Minimum Possible wastage of water.
- No need to enter inside water storage tank for cleaning purpose.
- No chemicals or consumables needed.
- Easy to operate with self-service design.
- Tank Cleaning within few Minutes.
- Very low power consumption.
- Machine handle adjustable as per tank capacity or depth of tank.
- Tank walls can be cleaned easily.
- Works on negative suction from tank even with lowest water level about 300 mm.
- Design Registered.

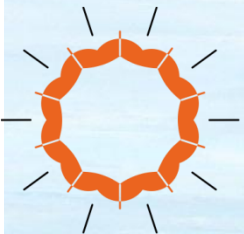
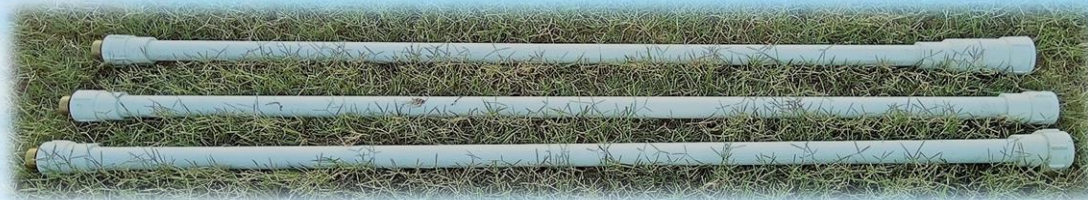


Technical Specifications

- Power Supply: - 230 V AC 50 Hz
- Power Rating: - 0.75 KW / 1 HP
- Cable Length: - 5 meters
- Filter Media Rating: - 5 microns
- Continuous usage time: - Maximum 1 hour. (Observe outlet flow, if it is reduced drastically, clean the filters and use again)
- Empty weight of complete unit: - 18 Kg Approximate.
- Water flow: - About 3000 Liters per hour when filter is clean.
- Suitable for water tank depth: - 2.5 meters for better comfort
- Suitable for Water Tank Capacity: - 500 to 10000 Liters or permissible depth of tank.
- Materials of Construction: - Different plastics, Rubbers & Steel.
- Filters: - Single Filter at Inlet and Double filtration at outlet of water.
- Suction Size: - 20 NB ($\frac{3}{4}$ " Inch)
- Discharge Size: - 25 NB (1" Inch)
- Hose Pipes: - Food grade thunder hose 4 m long each (suction and discharge)
- Outlet options: - outlet may be recovered to original or other tank from where filtration is done or it may be drained out if it contains fine dust particles which may increase water turbidity.



Machine Components

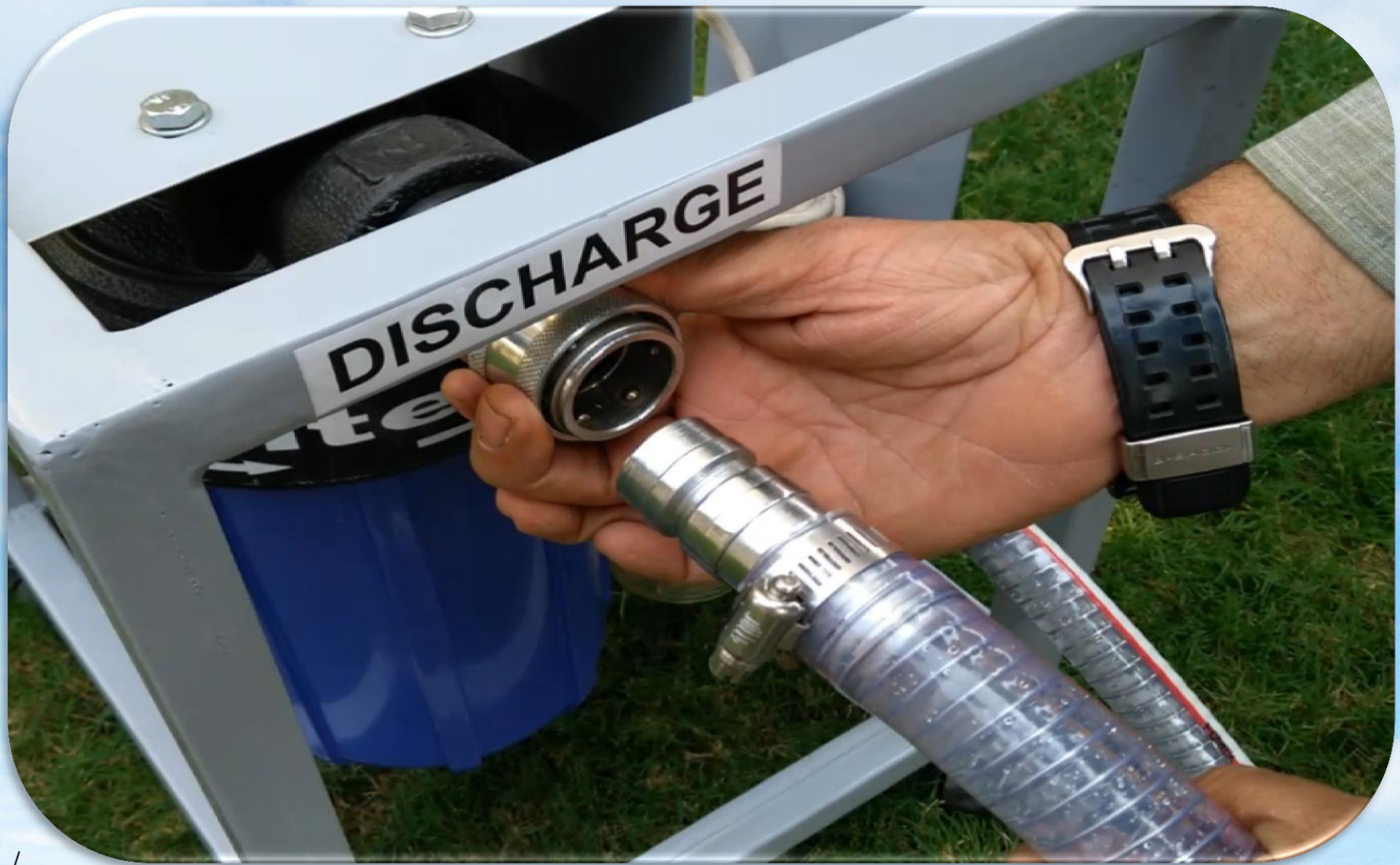


Machine Components



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Connect Discharge Hose



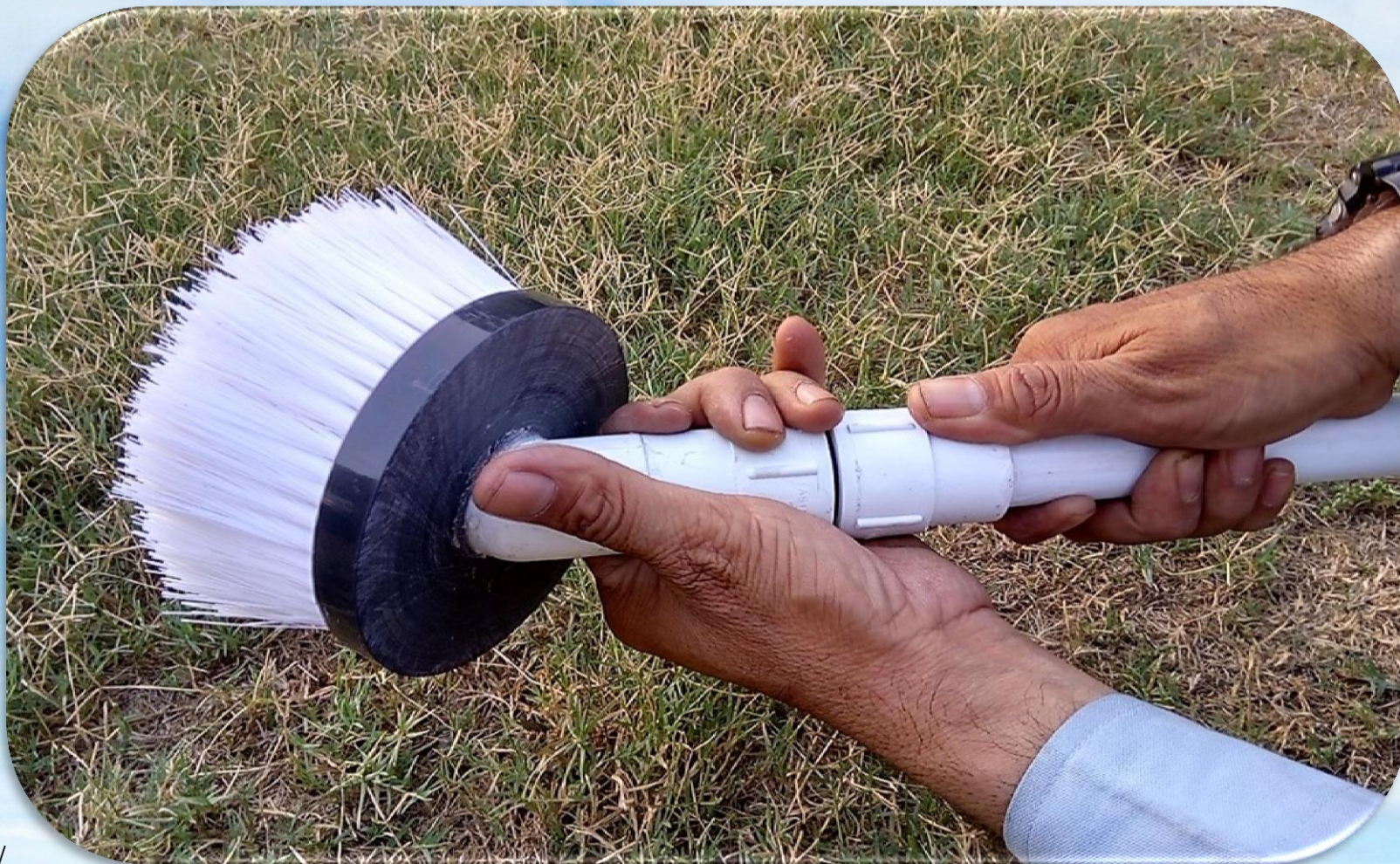
Connect suction hose with handle pipe



Connect Pipes by Thread Tightening



Connect Brush



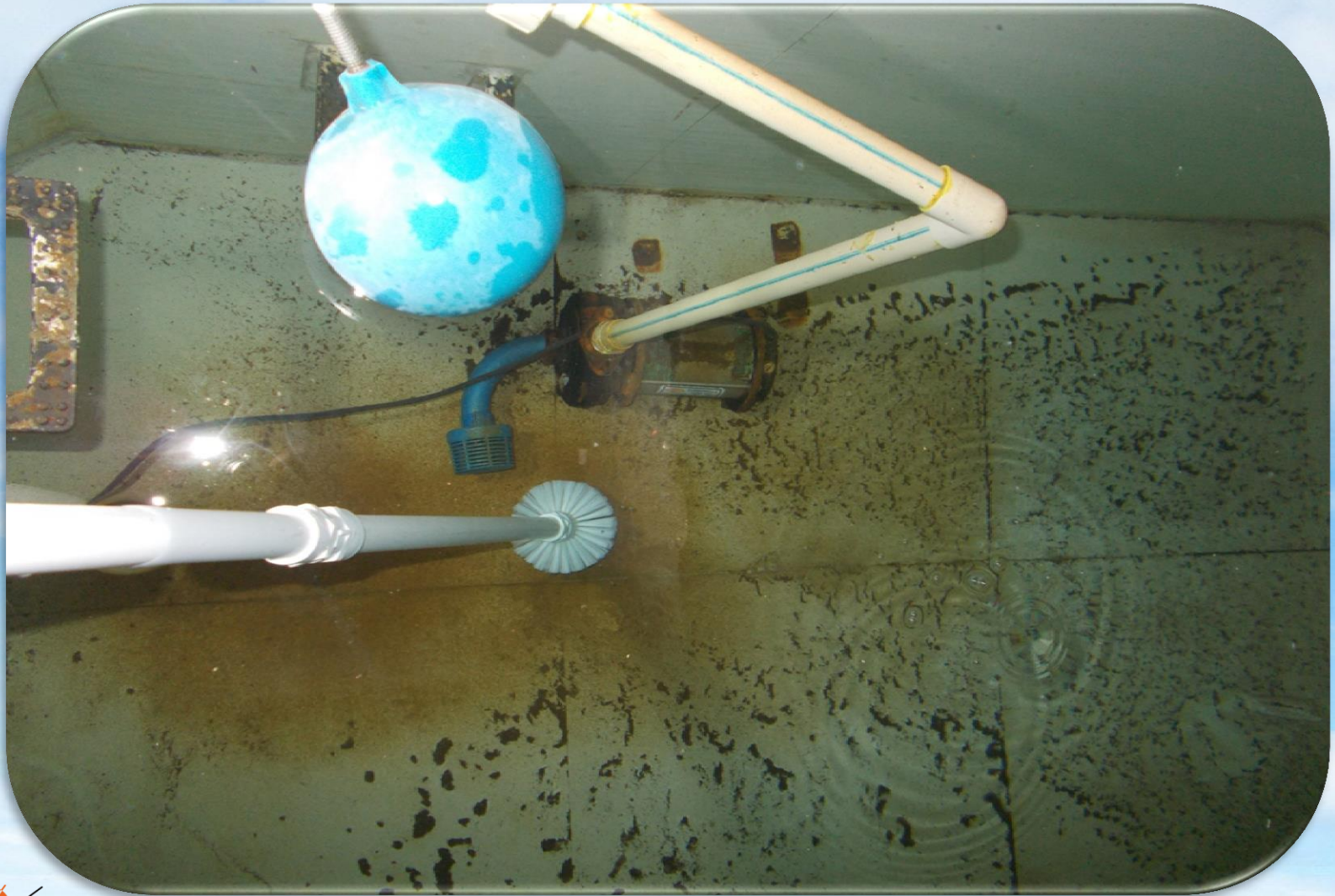
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Tank Before Cleaning



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Put Suction in Tank / Sump

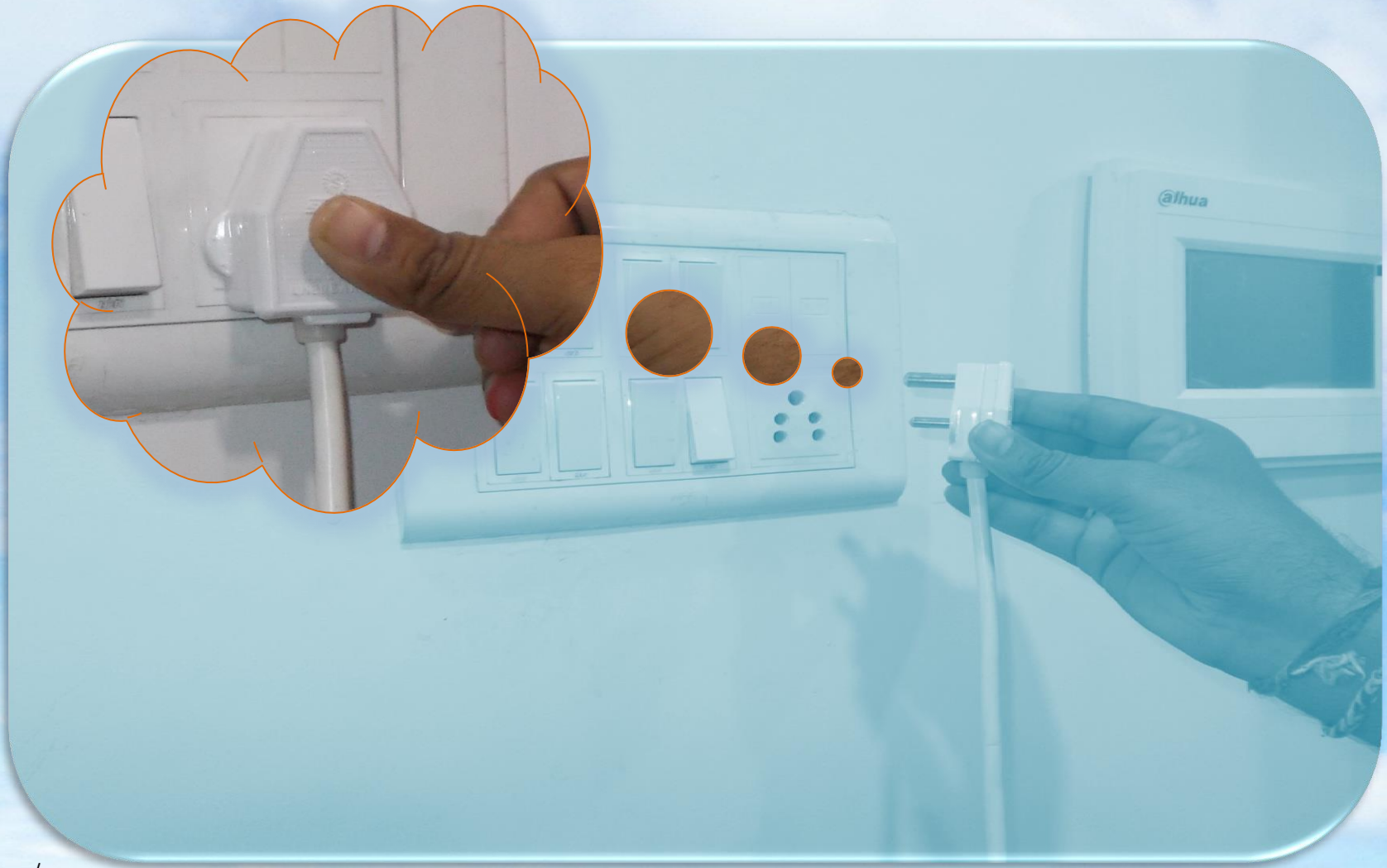


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Prime the Machine with water from discharge outlet



Connect power supply



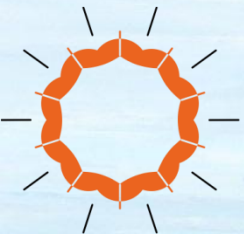
Switch on power supply



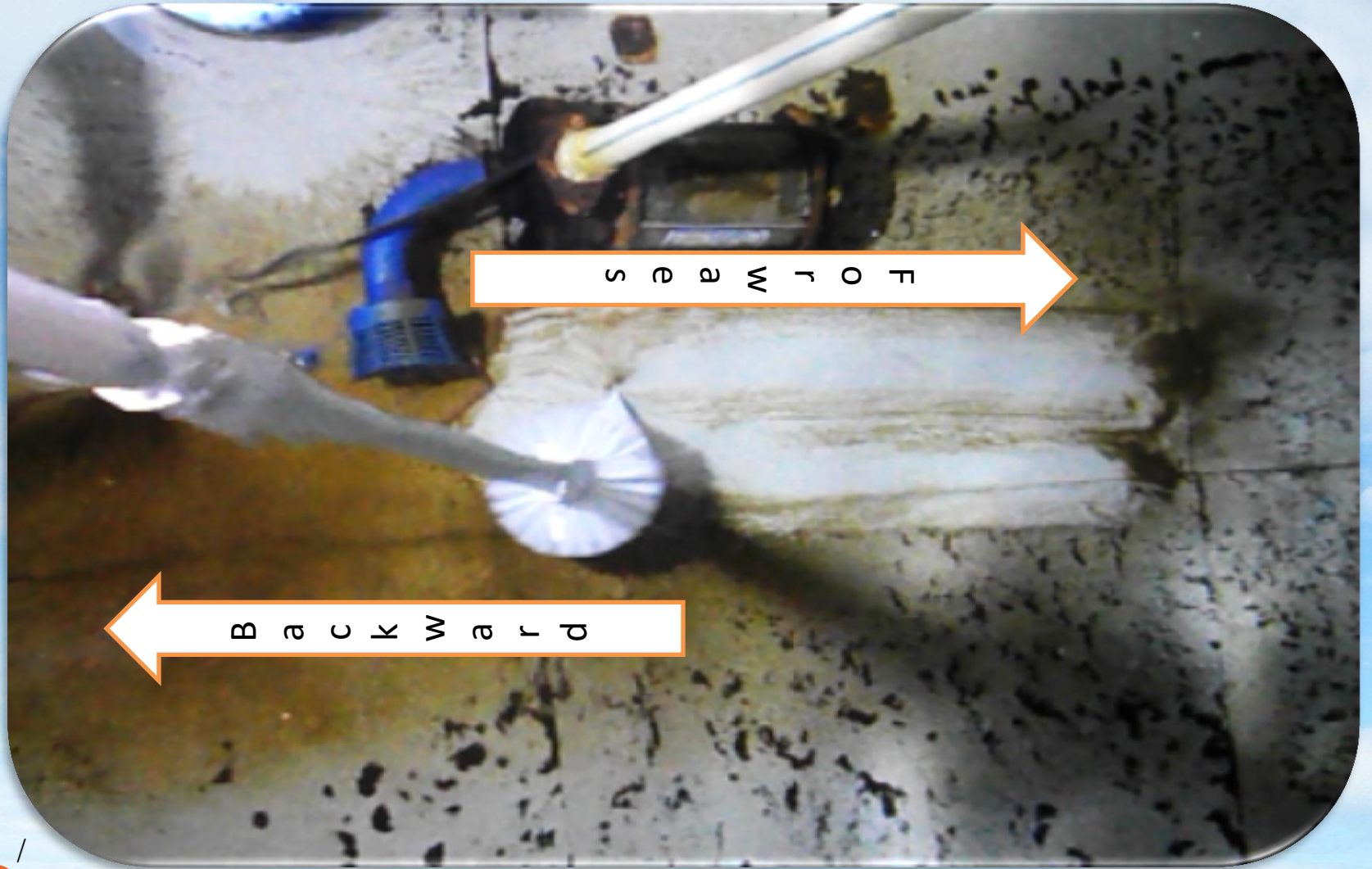
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During Tank Cleaning

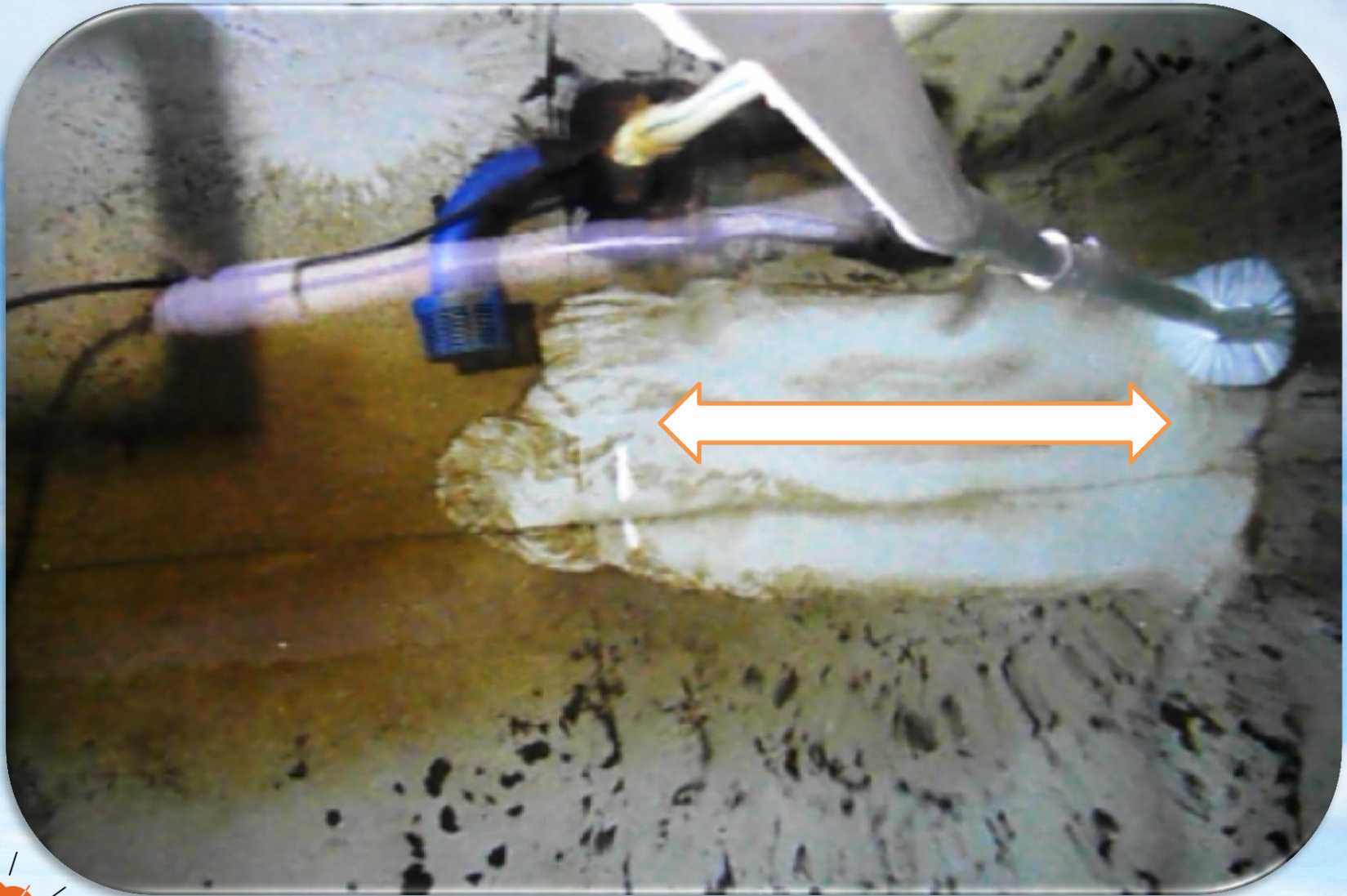
1. When power supply is switched on, water flow will start from discharge pipe end.
2. For initial startup keep discharge outlet pipe on water drain to drain out initial content of water.
3. Initially few air bubbles will come out from machine.
4. If more air comes out, switch off power supply and tighten all thread joints in suction side and priming machine again.
5. After startup draining and regular flow of water setup, shift the discharge pipe to tank at other end to recover filtered water back to tank.
6. Slowly move the brush head handle pipe on deposited sediment portion. If deposited sediments gets disturbed, stop movement, keep pipe as it is for few minutes.
7. Move handle slowly forward or backward with rotate clockwise or anticlockwise as required on sediment depots at tank's bottom as well as walls.



Brush Movement

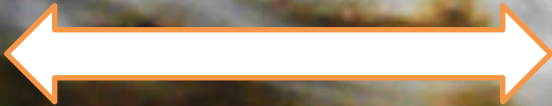
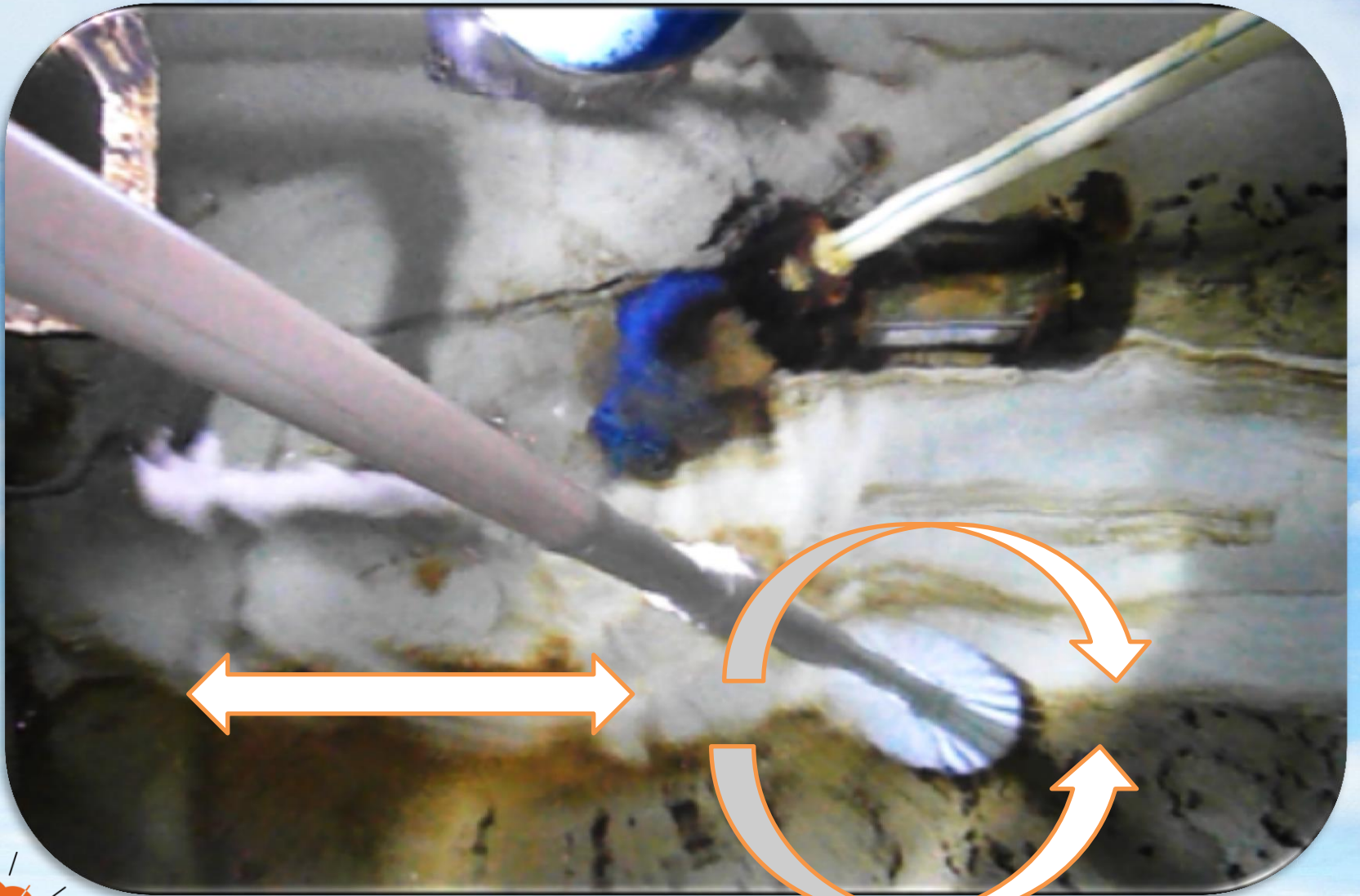


Brush Movement



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Tank Cleaning In Progress



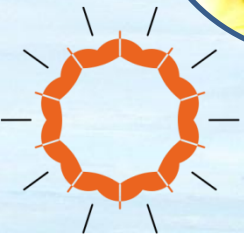
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Tank Cleaning In Progress



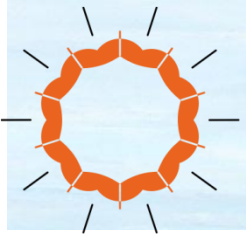
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Tank Cleaned



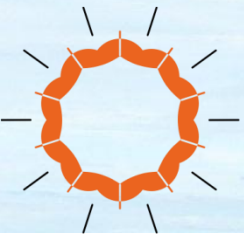
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Loft Tank Cleaning



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Fish Pond during and after cleaning



SedimcleanTM

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For Sales / Marketing, Please Contact :-

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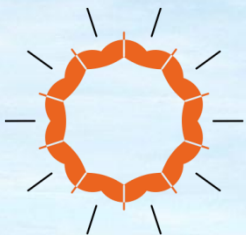
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