

SWIMMING POOL FILTRATION SYSTEM

- ❖ MODERN PIPELESS FILTERS (PATENTED)
- ❖ & CONVENTIONAL SAND FILTRATION SYSTEM

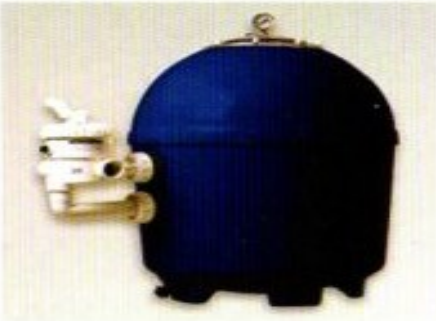


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Every home deserves a pool

SWIMMING POOL FILTRATION EQUIPMENT - CONVENTIONAL SAND FILTERS

1. Sand Filters: Sand filter water filtration with multi-port valves.

These are the filter used for more than 100 years. The basic principal is this that sand small particles stop the suspended impurity of water up to 30-40 micron and let water pass out of it. The casing of filter can be made of MS or fibre glass as per manufacturer parameter. There are two kind of sand filters, pressure sand filters and high rate sand filters. Pressure sand filters are big in size and give better filtration while high rate sand filters are small and give normal filtration which is good enough for swimming pool.



DESIGN FLOW RATE

Model	Diameter (mm)	Height (mm)	Valve (mm)	Filter area sq. m	Flow rate
SF-625	625	780	38	0.30	9000 L/hr.
SF-750	750	910	50	0.45	13500 L/hr.
SF-900	900	1105	50	0.64	19200 L/hr.
SF-1000	1000	1225	50	0.70	23300 L/hr.
SF-1200	2000	1340	50	1.13	39000 L/hr.
SFC-1400	1400	1530	50	1.54	46200 L/hr.
SFC-1800	1800	1950	100	2.70	61000 L/hr.
SFC-2000	2000	2400	100	3.14	75000 L/hr.

2. Circulation pumps are to feed water to the filter from the swimming pool via the skimmers or the overflow channels. The water comes back to the pool as filtered and disinfected water.

The capacity of pump and motor is decided as per the size of pool. The prefilter is must to safe guard of pump.

29000 sq.m / IP 55 Class, F 0.5-3 Hp - 1 x 220 - 240 V 55

3.75 Hp 3 A 380-415 V



3. Disinfectants : Chlorine dozers, ozone and UV systems.

ANY pool water goes through the process of disinfecting . Three method individually or combined are used to disinfect the water of swimming pool.

Chlorine /Bromine : This is must for any pool as the disinfection is carried out with this method is most sought after and effective. The level of chlorine is to be kept 0.6 to 1.0 ppm level. (part per million)

Instruction of use chlorine is must as more chlorine does belching effect on skin and etching in eyes. And if it is less water is contaminated with bacteria and algae.



UV system : The water is passed to the UV rod under UV light and the bacteria got killed but only in that part and to inhibit the bacteria we need chlorine in very less dose.

OZONE GENERATOR: The ozone is also used for disnefection as it is produced with cell from Oxygen and feed into the piping of water flow for swimming pools. But need to contain and dosing is difficult in control manner and high dose of ozone is fatal.

Still we need chlorine.



HEAT PUMP: For Chilling & heating of swimming pool water.

SWIMMING POOL ACCESSORIES



Whatever pool accessory you need, you can get it all at Arrdevpools, we deal in and supply all pool essentials and additional. All our suppliers are pre-tested and are given with a quality check before getting installed for use. Our creative insight helps us stay up to date with the trend and our commitment to quality helps us to withstand the expectations of our customers all over India or Abroad.



4. Under water lights : LED , HALOGEN, Color Changing lights.

swimming pool lights are water proof and made of plastic. These are surface mounted light fixed on the bracket in tiles or liner. For fibreglass pool these are pasted on the wall of swimming pool.

These light have step down transformer for safety and low voltage operation.



6. Swimming pool ladders and bars : 2-6 steps.

Pool ladder and safety side wall bar or steps bars are made of stain less steel with flat steps made of fibre glass for non skid and long life.

Side bar for pool is made of ss 304 and diameter is 25 mm .

Pool ladder made of 38 mm diameter SS-304 Tube.

Inlet jets, Drain grates

Water is filtered via filtration system and sent back to swimming pool via inlet nozzles.

These are made of ABS plastic can have threads or plain fittings into plumbing pipes.

Size of nozzles are 35mm or 50 mm in diameter. Two kind of jet nozzles are popular.



5. Skimmer

Over flow skimmer made of plastic with Net & connector for pool accessories.

7. Swimming pool overflow gratings : 10" and 12" wide.

Overflow swimming pools needed drain grating to cover the overflow channel.

Width of grating for medium size pool : 250mm wide with fixtures.

Width of Grating for large pools : 300 mm wide with fixtures.

Overflow Grating made of HD plastic with alloy.



SWIMMING POOL ACCESSORIES



1. Fountain :

Mushroom Fountain : Made of fibreglass with plate form or without plate form. The size of Canopy is 1 meter diameter. The Height of fountain is 1500mm.

This can work with swimming pool or independently.



Dolphin Fountain :

DOLPHIN FOUNTAIN is 1.2 meter in Height and 600 wide with platform and can be fixed with pool and independently. This is made up of Fibreglass.

2. Olympic pool equipment's

Diving boards : Fina design parameter for diving board 5m to 0.5 m



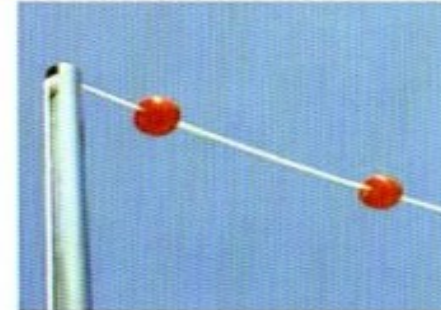
Water Sheet Fountain

600 mm height sheet fountain made up of fibre glass with inlet connection.



Back Stroke Indicator and False Start Rope

back stroke indicator are the flaged rope on the height of 1.8 meter of water level and get support with ss pole on both side.



False start rope : This is the rope use to stop the competitor in the event of early start or false start by swimmer.

Divider/ racing float lanes:



For swimming competition, the floating lanes are the dividing lines among the swimmers.

These are anti wave and design in such a way that any flow of water does not move them from its place.

Two sizes of floats are available with diameter 100mm and 150 mm.

Length can vary from 10 meter to 50 meter.



Water Polo Goal Post:

WATER POLO GOAL POST are floating with rope & coal goal size of 3mx 1m



Starting blocks : STARTING Podium or Block is the starting point for swimmers. It should be 300-600 mm high from the level of water. And size of podium is 500x 500 mm with foot rest pushing board.



Life guard chairs: Life guard chair is the chair use by life guard to look around the pool and the swimmer.

SWIMMING POOL PIPELESS FILTER - MINI FILTER

All those who use swimming pools know the worth of filters; we have come up with pipeless filters featuring all the latest Technology. We renowned as the manufacturer of pipeless filters offer an extensive range of pipeless filters suitable for all shapes and sizes. We supply high-quality pipeless filters all across India & Abroad for the best experience.

Pipe Less Filter: Every swimming pool need water & for that to filter we need water filtration system. The dust enter in swimming pool are get cleaned by filter which settled on floor or dissolved in water which can not be seen with naked eye.

First medium is needed to clean the impurity from water and this is done by 3-4 kind of mediums 1. Sand 2. Cartridge, 3. DE and 4. Filter bag.

Second is the chemical composition of the water which make dust or impurity to settle down and also work for biological system of swimming pool. The alum and acid are added to keep the ph level of water ie 7.6 unit.

Third is to control the biological impurities of water. Water will spoiled after 3-4 days. So to keep water clean we need the disinfectants which are mostly Chlorine or Bromine and to keep the low level we may use ozone or UV disinfectant.

The entire principal of swimming pool water treatment revolved around above factors and we need to control them with various machines and filters.

In all of above process the cost of chemicals are high along with electrical power consumption. In sand filtration system we had to do back washing and that process throw the water and chlorine of swimming pool and new chlorine is to be added every time we do the back wash. So we waste water and chemical both.

In Pipeless filters we do not waste water & so maintenance cost is very low.

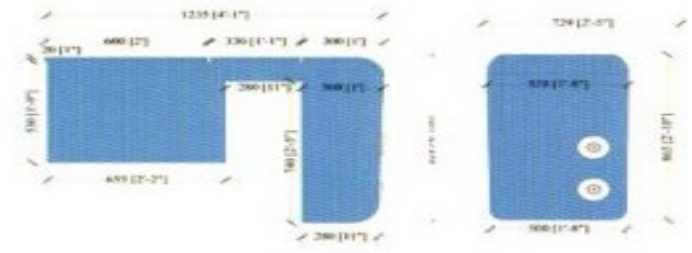
MINI PIPELESS FILTER

One filter good for pool size upto : 20x20 x 4 ft (400 sq. ft.)

Model No: AF- MINI -F-50

Patented Design

- Pipe less Filter of Capacity 5500liters/hour.
- One ½ hp motored pump.
- One CF-50 model filters with cartridge.
- 25 micron filtration with 4.2 sq meter surface area of filter.Under water light of 100w/12V



MINI PIPELESS FILTER

- ❖ CARTIDGE FILTER BASED 25 MICRON FILTRATION WHICH IS SUITABLE FOR 500 SQFT POOL.
- ❖ FLOW RATE 5000/ HR.
- ❖ DEPTH MINIMUM 600MM.



MINI PIPELESS FILTER



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MINI PIPELESS FILTER



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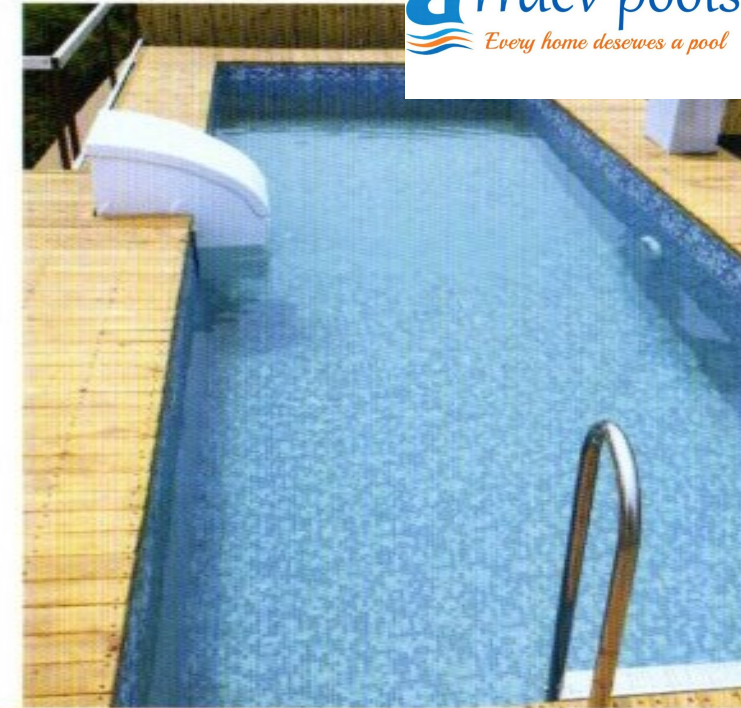
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SWIMMING POOL PIPELESS FILTER - DECK MOUNTED FILTER

Deck Mounted Filter - Domestic

Make: Arrdevpools (patented design)

- One inbuilt skimmer and two filter water outlet nozzles on both sides.
- One under water light 100w/12v with electronic transformer.
- One hp motored pump.
- One CF-50 model filters with cartridge.
- Water proof electrical control box.
- Skimmer is at right/left side with nozzles at front side. 25 micron filtration with 4.2 sq meter surface area of filter.
- Three stage: a) skimmer/strainer/cartridge Filtration.
- Colors: White/blue or as per requirement.
- Pool Size - 20x25x4ft (500 sq. ft)
- Pipeless Filter - 6000 L/hr
- Circulation Pump - 1 HP
- Filter - 4.2 sq. ft





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SWIMMING POOL PIPELESS FILTER - DECK MOUNTED FILTER

Deck Mounted Pipeless Filter - Commercial

In this model no cutting required at pool deck, the machines like filter and pumps are fixed on the deck of swimming pool. Useful and efficient for water bodies/swimming pool with depth more than 600mm and where wall is thick and no cutting is possible.

- Deck Mounted Pipe less Filter AF-13.5 DECK-F-50.
- Swimming pool of surface up to 600 sq. ft. (30ft x 20ft x 4ft) bigger pool the multiple unit is required.
- Filtration Capacity 10000liters/hour. Pump flow rate : 25000/hr.
- Filter - 12.4 sq. feet
- Patented Design (fibre glass is not affected by chlorine, heat and cold).

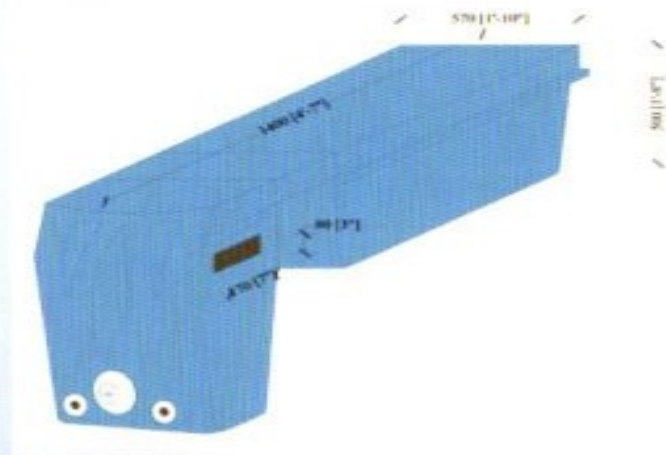


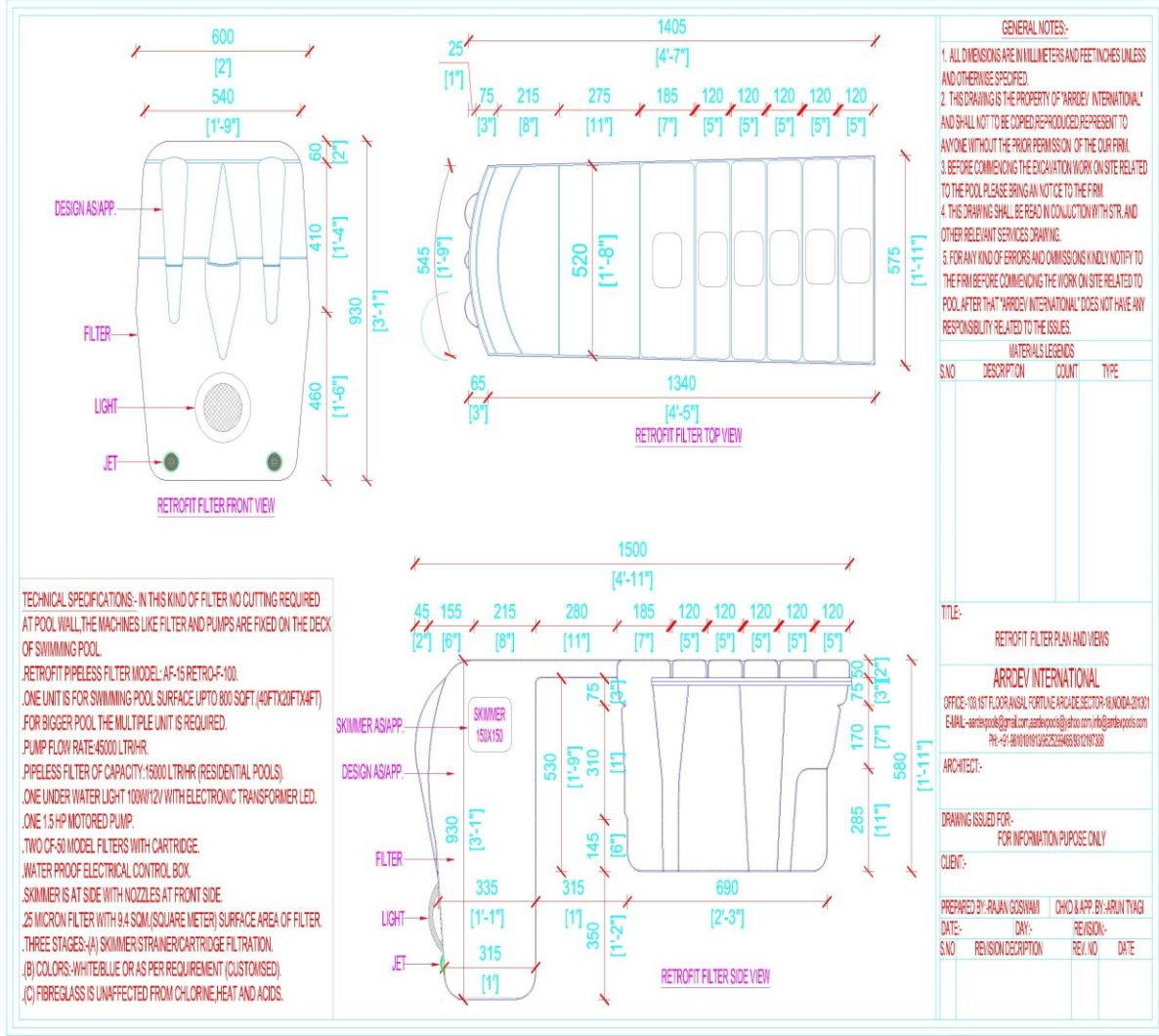
SWIMMING POOL PIPELESS FILTER - RETROFIT FILTER

Retrofit Pipeless Filter

In this kind of filter no cutting required at pool wall, the machines like filter and pumps are fixed on the deck of swimming pool.

- Retrofit Pipe less Filter Model : AF-15Retro-F-100.
- One unit is for swimming pool surface up to 800 sq ft. (40ft x20ft x4 ft).
- For bigger pool the multiple units is required.
- Pump flow rate : 45000 liter/hr.
- Pipe less Filter of Capacity : 15000 liters/hr. (residential pools)
- One under water light 100w/12v with electronic transformer LED.
- One 1.5 hp motored pump.
- Two CF- 50 model filters with cartridge.
- Water proof electrical control box.
- Skimmer is at side with nozzles at front side.
- 25 micron filter with 9.4 sq meter surface area of filter.
- Three stage: a) skimmer/strainer/cartridge Filtration.
- Colors: White/blue or as per requirement(Customized).
- Fiber glass is unaffected from chlorine, heat & acids.







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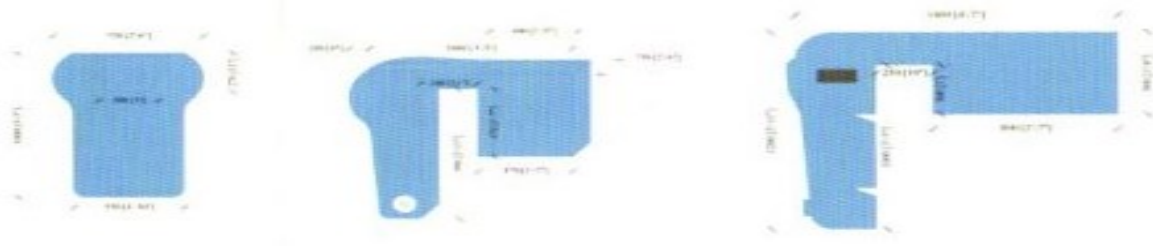


SWIMMING POOL PIPELESS - COMMERCIAL FILTER

Commercial Pipeless Filter

This filter is having the largest filter surface area of 14 sq meters. The flow rate is 2000 liters/sqm/hr. give the best filtration available all over world. This filter is the best suitable solution where high number of people are using pool or too dusty conditions.

- Wall Hung Filtration Unit Commercial Model Model : AF-24UniF-150.
- One unit is for swimming pool surface up to 900 sq ft. (45ft x20ft x4 ft) for big pools needed multiple filters.
- Pipeless Filter of Capacity 20000 liters/hour (Residential pools).
- Pump flow rate : 60000 liter/hr.



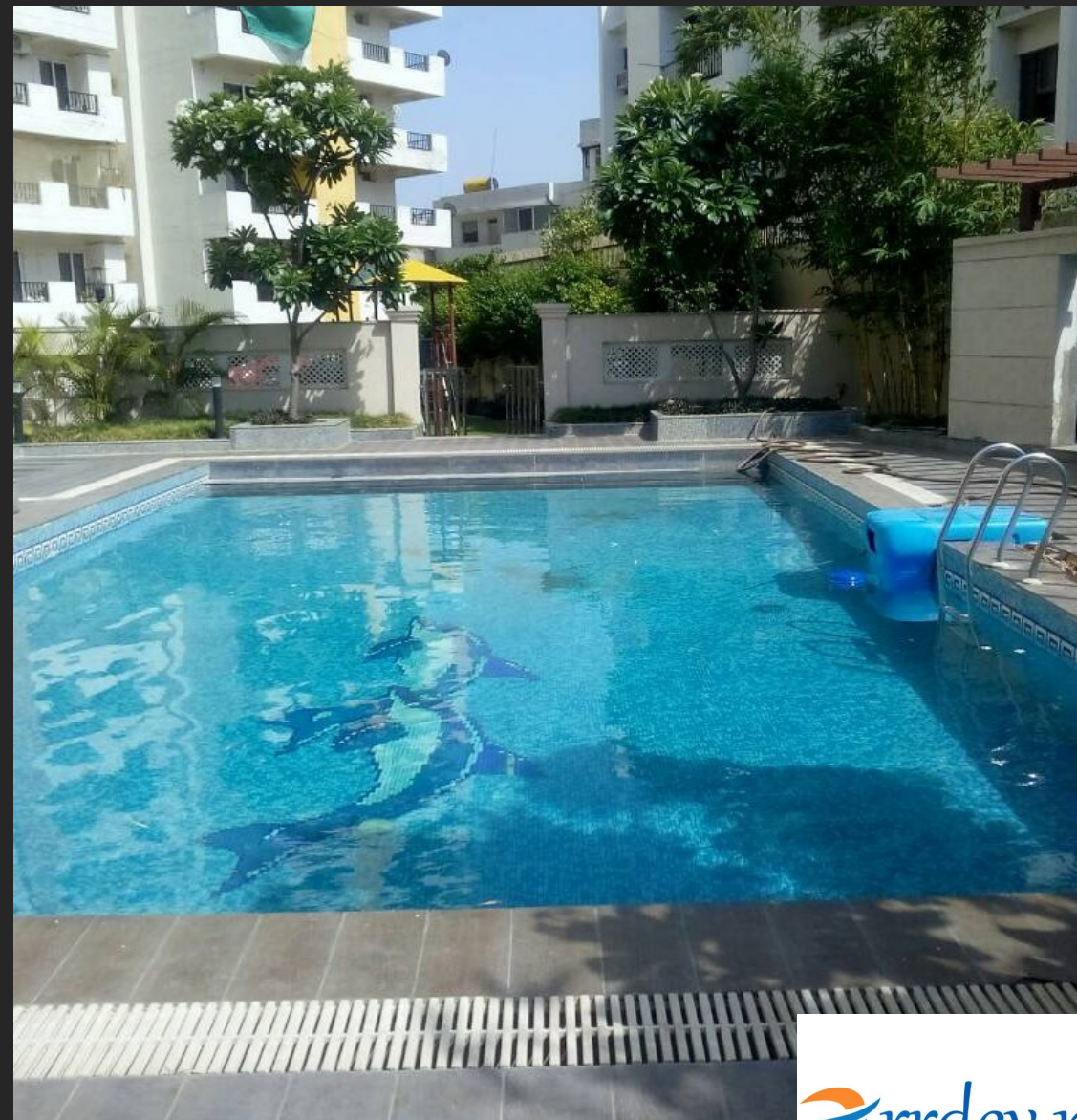
Arrdevpools make (This is compact system using the cartridge filter. These are fixed after completion of civil work in swimming pools.)

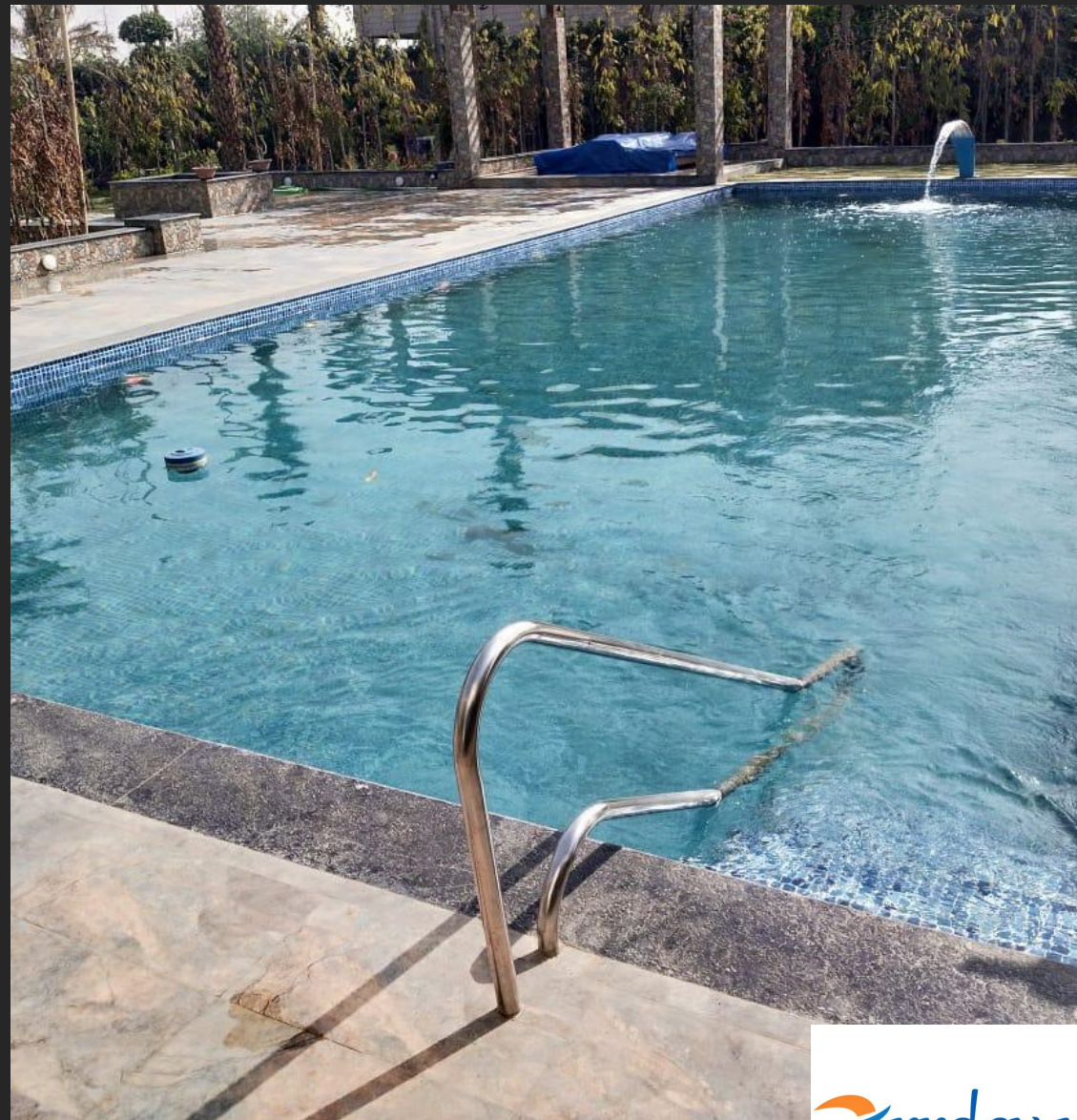
- One under light 100w/12v with electronic transformer.
- One 2.0 hp motored pump *two cf 75 model filters with cartridge.
- Water proof electrical control box.
- Skimmer is at front side with nozzles at right and left side. 25-micron filtration with 14 sq meter surface area of filter. cartridge Filtration.
- Colors: White/blue or as per requirement (Custom made) Fiber glass is unaffected from chlorine, heat & acids. Side nozzle for aeration and fountain (Optional)











ALL IN ONE SWIMMING POOL PIPELESS FILTER

- POOL LADDER,
- LED LIGHT,
- WATER FILTER : BAG FILTER 25 MICRON
- CIRCULATION PUMP : 1 HP
- FLOW RATE: 8000 LITERS PER HOUR

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Combo SWIMMING POOL PIPELESS FILTER

arrdevpools®

SWIMMING POOL PIPELESS FILTER - COMBO FILTER

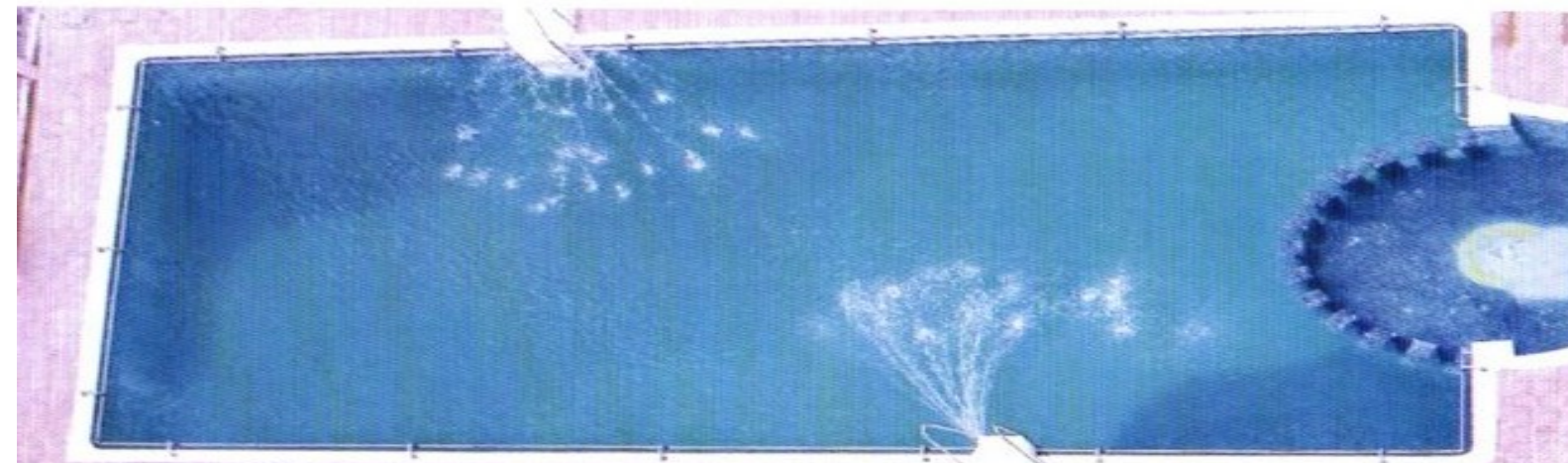
Multi Functional Combo Pipeless Filter

This filter is multifunctional pipeless filter have inbuilt ladder, lights and complete electromechanical system.

- Multi-Functional Pipe less Filter (Combo Model) Model : AF-18UniF-75
- Swimming pool surface up to 700 sq ft. (35ft x 20ft x 4 ft) for bigger pool the multiple units are required
- Filtration Capacity 9000 liters/hour. Pump flow rate : 30000 liter/hr.

Make & Features

- One inbuilt ladder three steps.
- One under light 100w/12v with electronic transformer.
- One 1hp motored pump.
- One CF-75 model filters with cartridge, air safety valve and pressure gauge with 0-2kg/cm² working pressure.
- Skimmer is right side with nozzles in front and left side.
- Three stage: a) skimmer/strainer/cartridge Filtration.
- Colors: White/blue or as per requirement (Custom made). Fibre glass is unaffected from chlorine, heat & acids. Side nozzle for aeration and fountain. (Optional)



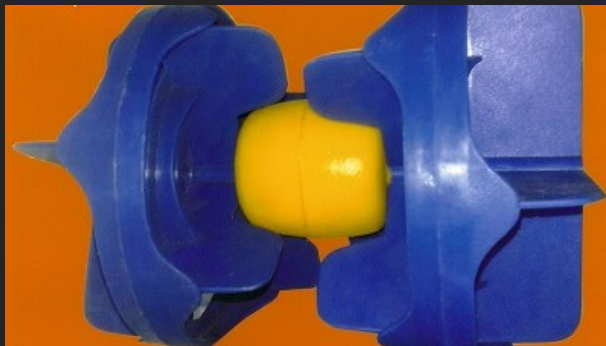




SAND FILTER WITH MULTI PORT VALVES FOR LARGE POOLS



SWIMMING POOL FLOATING LANES



SWIMMING POOL FLOATING BALL

- FLOATING BALL FOR SWIMMING POOL COMPETITION SWIMMING

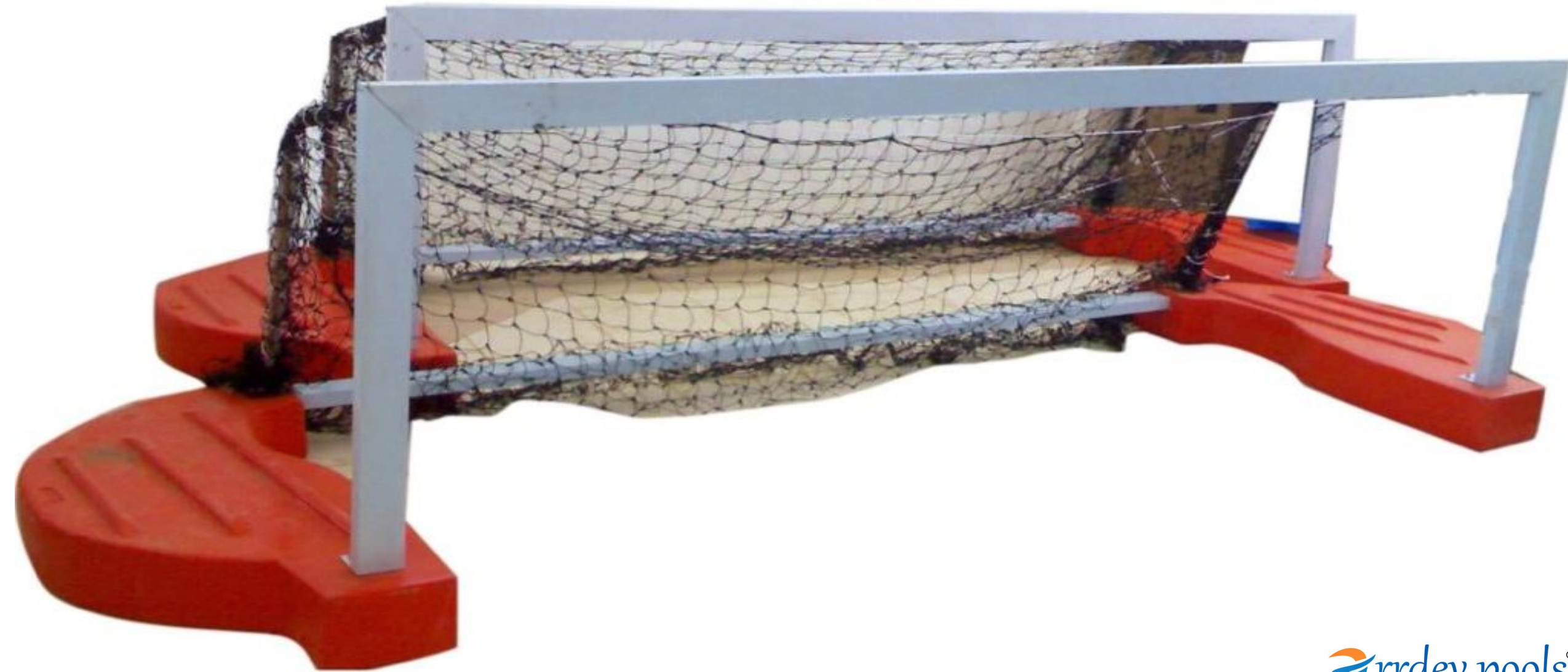
- 
- SWIMMING POOL FLOATING LANES



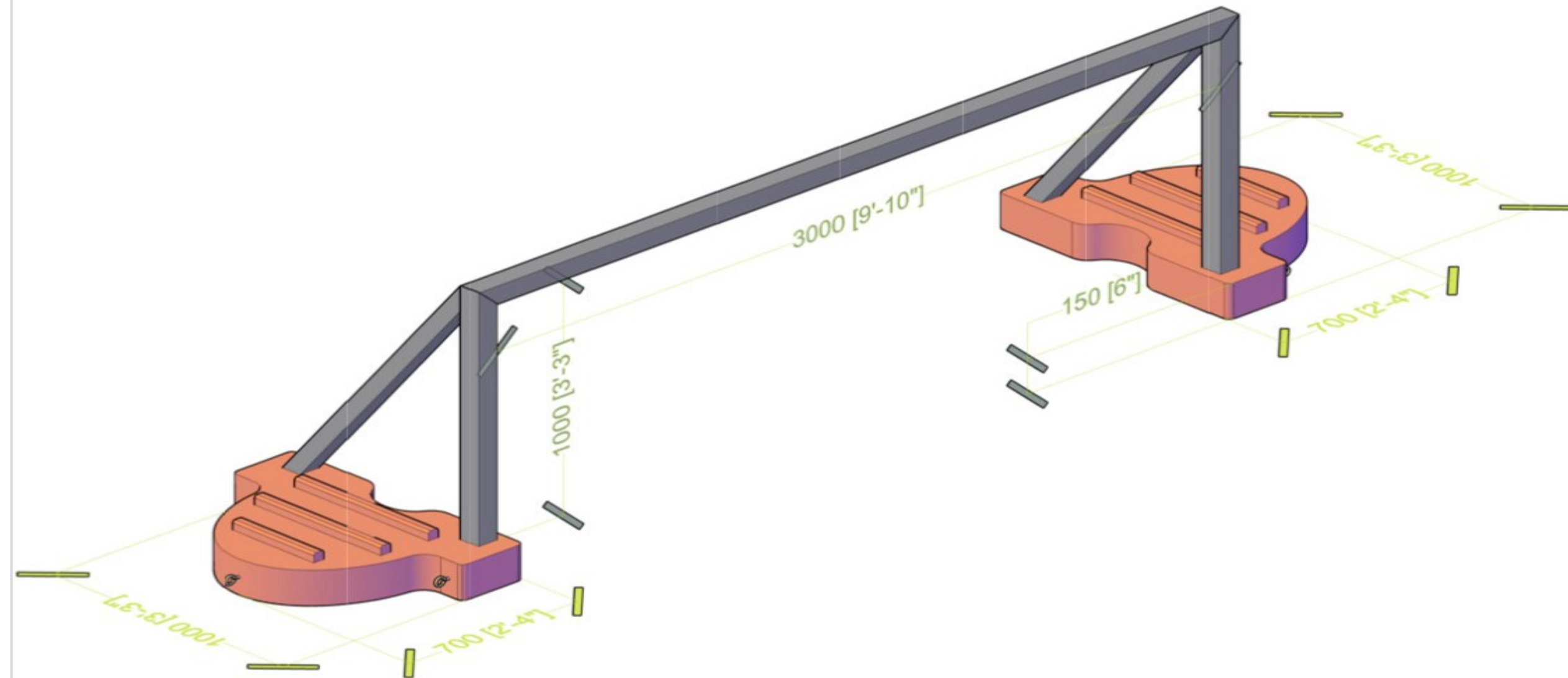
Floating Lane divider at DOS, Shriharikota

SWIMMING POOL FLOATING LANES

WATER POLO GOAL POST



WATER POLO GOAL POST





JACUZZI BED FOR CONCRETE POOL

- ❖ JACUZZI BED FOR CIVIL WORK SWIMMING POOL WITH JACUZZI JETS.
- ❖ IT INCLUDES 9 NO.S JACUZZI JETS.



DIVING BOARD

- SIZE OF OLYMPIC DIVING BOARD IS 5 METERS LONG.



AQUA FLOATING BOARD

- SIZE OF AQUA FLOATING BOARD IS 2000X900X100MM.
- AQUA BALANCING FLOATING BOARD FOR AQUATIC GYM & AQUA YOGA WITH BALANCING ACTS.

AQUA FLOATING BOARD

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HEAT PUMP FOR WATER HEATING

HEAT PUMP FOR WATER HEATING





HEAT PUMP FOR WATER HEATING





STARTING BLOCKS & BACK STROKE INDICATOR



POOL LADDER AND SLIDES

PORTABLE CHANGE ROOM

- THESE PORTABLE CHANGE ROOM ARE MADE IN THE MATERIAL OF FIBREGLASS.
- SIZE OF FIBREGLASS PORTABLE CHANGE ROOM IS 1000X1000X2000MM.



CLEANING ACCESSORIES



FLOOR CLEANER TRIANGULAR



POOL CLEANING NET



FLOOR CLEANER



FLOOR CLEANER ALUMINIUM



FLOOR CLEANER TRIANGULAR



CHLORINE DISPENSOR

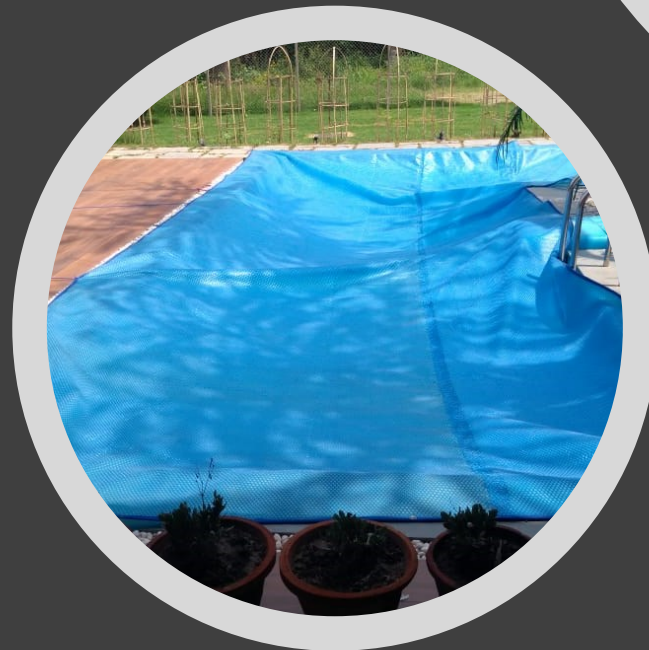
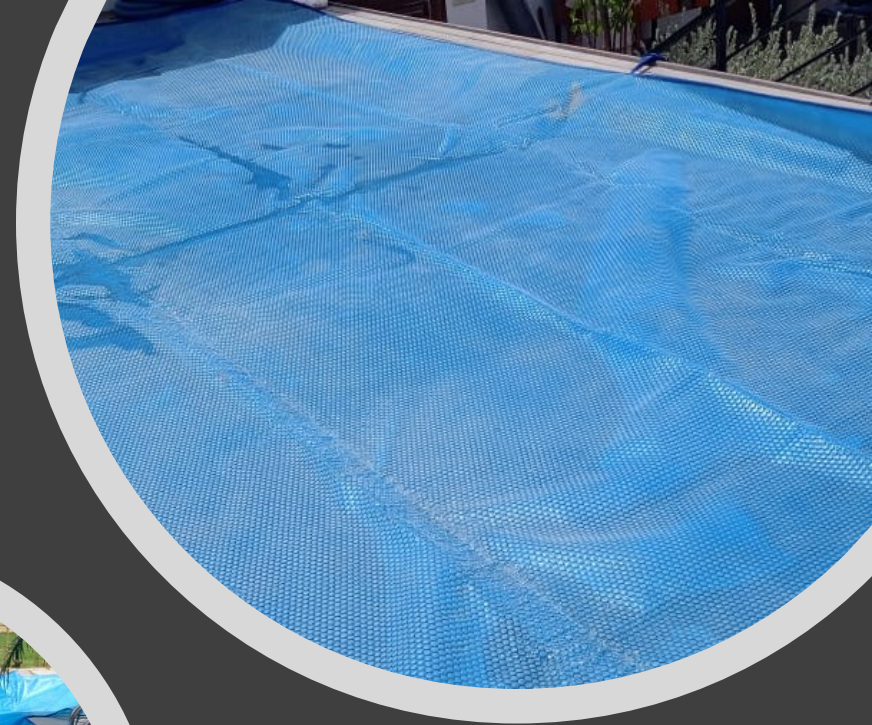
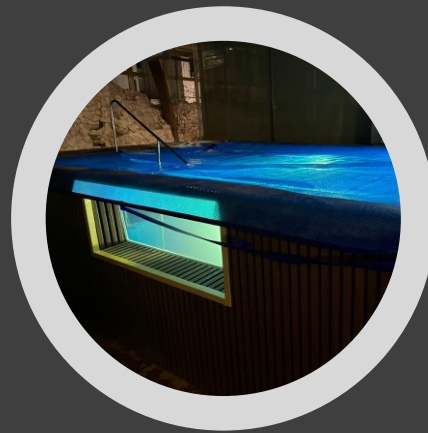


WATER TESTING KIT



WALL BRUSH

- POOL COVER and pool cover reels.
- Floating pool cover L shaped, Roof top pool.
Hook fixing and reel fixing



OUR PROJECTS

PIPELESS FILTER



PLF at Society NOIDA



CHAKAN Pool with PLF



**Commerical Deck Mounted
Filter in NODIA**



**Deck Mounted Pipeless
Filter at BANGALORE**



**Liner Renovated Pool
with PLF at HYDERABAD**



Liner Pool TAMIL NAIDU



NASIK Pool with Liner & PLF



**Pipeless Filter
Hotel Lalit FARIDABAD**



**Pipeless Filter in Big Pool
at SURAT**



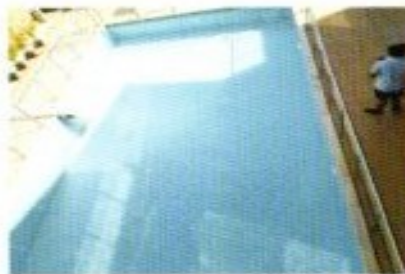
Pipeless Filter in Infinity Pool



Pipeless Filter in JORDAN



Pipeless Filter SONIPAT



**Prefab Pipeless Pool
at Hotel GOA**



**Deck Mounted Prefab Pool
at LONAVALA**



**Semi Oly Pool with
Pipeless Filter**



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Head Office Noida : Arrdev House, SP-31, Sector-130, Noida-201304, UP.

South India Showroom : C-6,165,ECR food street, Injambakkam,Chennai-600115,TN.

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Goa, Coimbatore, Mangalore, Udaipur, Nagpur, Kolhapur
Indore, Varanasi, Aurangabad, Bhandavgarh, Pune etc



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