

APPLICATION



OUR ESTEEMED CUSTOMER



Authorised Dealer



GUARDS YOUR FAMILY AGAINST WATER BORNE DISEASES

Apex[®]

“शुद्ध जल-सेवा मुक्त जीवन”



APEX TECHNOLOGY

AN ISO 9001:2008 CERTIFIED & NSIC REGISTERED COMPANY

WATER PURIFIER · R.O. SYSTEM · INDUSTRIAL WATER TREATMENT PLANT



APEX TECHNOLOGY Providing WATER SOLUTIONS for Domestic and Industrial Projects

We would like to introduce brand "APEX" as one of the leading Manufacturers of Industrial & Domestic 'Reverse Osmosis Water Purifiers' in India. The company is engaged in manufacturing of water filter parts & components of high quality & is committed to provide "Water Solutions" for Industrial and Domestic Usage.

APEX TECHNOLOGY, is an ISO 9001:2008 Certified Company with AAA rating by SMERA/NSIC approved & SSI Registered Company based on Futuristic Vision & Values such as integrity & trust which are the pillars of its success. To see our complete range of products, please visit our website www.apexpurifier.com and www.apextechnology.co.in

Strengths of the Company

'APEX' has a dedicated team of professionals who are experts in their respective fields. APEX has a fifteen years experience in the field of Water Purification System –

RO Based technology
Packaged drinking water treatment plant
Iron removal plant
DM plant
Softener
Dialyses water
Water Vending Machine(ATM)
Most of the industrial & domestic products are carefully designed and manufactured, keeping in view the customer's requirements.

We have a strong team of Sales & After sales staff who cater the very important After Sales Service all over India.

APEX has its factory located in DELHI/KOLKATA/ASSAM& SILIGURI, West Bengal where it manufactures RO system Domestic Components like Filters, Adopter, UV Barrel, Flot valb, Housings, Tubing, Cartridges & many other product.

Why Us?

We remain a step ahead of competitors in all spheres of business operations. This success is not only because of our pro-active management or futuristic marketing strategies, but also due to our adherence to basic business principles. Some of the factors that maintain our position of leadership are as follows:

Reduced Costs : We have a state-of-the-art production facility that is completely integrated for production and thus reduces the overall costs.

Tailor-made Solutions : Clients from different industries / domains have different requirements, so every system offered is completely tailor-made.

Quality : Our products conform to ISO and other international quality standards.

Hi-tech Production : Use of modern machines in production assures consistency & accuracy.

Timely Execution of Orders : Owing to our well laid facility and distribution network every



Our products

Domestic/Industrial Water Treatment Plant Equipments
D M Plant/Packaged Drinking Water Plant
Domestic Reverse Osmosis/ RO Plant/Iron Removal Plant
Micron Filters
UV Sterilizer
Swimming Pool filter
Swimming Pool Accessories
Mineral Water Project
Water Softener
Drinking Water Systems
Sewage Treatment Plants
Ultra Filtration System
Nano Filtration System
Ozonation System
Chemical Dozing System
Effluent Treatment Plant
Juice And Soft Drink Projects
EDI Systems
Clarifier and Clariflocculators
Desalination Plant
Water Vending Machine(ATM)

বিশুদ্ধ জল সুস্থ জীবন

HOUSEHOLD PRODUCTS



AT-POT 15 Ltr.



AT-POT 18 Ltr.



AT-POT 16 Ltr.



AT-POT 18 Ltr.

OFFLINE STORAGE WATER PURIFIER

Features :-



Stage 1:- Dome Ceramic Filter: The ceramic filter is made of highly compressed ceramic diatomic substances, it has a very tiny porous structure of 0.2 um less than half size of bacteria (0.5um-1.0um) with this filter, you will get water from rust, dust, sand and bacteria such as cholera, typhoid, coli from etc.

Stage 2:- Activated Carbon: This stage traps taste, dust, dirt, salt, chemicals and excess chlorine from raw water.

Stage 3:- Zeolite Ball: This stage traps harmful heavy metals such as mercury mercury lead and chromium.

Stage 4:- Silica Sand: Silica always keeps the temperature of itself. So the water naturally keeps cool.

Stage 5:- Silver Impregnated Carbon: Prevents the bacteria growth in water.

Stage 6:- Mineral Sand: It is composed of many health effective elements such as potassium, sodium, calcium and magnesium for which it can react a mineral supplements media.

Stage 7:- Mineral Sand : Work same as Mineral Sand. And helps to keep cool the storage water.

HOUSEHOLD REVERSE OSMOSIS SYSTEMS



AT GRAND (MARINE)



AT GRAND (WHITE)



AT GRAND (BLUE)



AT SWIFT

Stage 1: Pre-Filter: Before the Purifier a 5 micron pre filter attached, that removes larger particles such as dust, mud, sand, sediment, rust and other suspended particles above 5 micron. **Stage 2:** Sediment Filter: This sediment filter 1 micron made of poly propylene spun fiber, removes suspended impurities in water like sand, rust, clay etc. from water and also up to 1 micron bacteria will not passes from this chamber. **Stage 3:** Silver Impregnated Activated Carbon: This in life carbon filter & polisher that virtually absorbs all organic contaminant and removes all bad odors/colors, excess chlorine & improves the taste of the final product water. **Stage 4:** Reverse Osmosis Membranes: In this stage the water is forced with the help of 24volt pump through a semi permeable membrane. This membrane rejects high percentage(96-99%) of all dissolved solids like heavy metals, harmful chemical poisons, excessive dissolved salts and all suspended particles, including sodium, microbes bacteria, viruses, herbicides & cysts making the water pure & safe. The impurities are literally separated from water molecules and flushed down the sink. The actual pure water will store in an 8ltr. Tank. **Stage 5:** U.V Chamber: In this stage the water passes through the Ultra Violet (11watt stainless steel with quartz glass) treatment that removes/deactivate biological impurities (harmful bacteria & viruses) this process has been documented by W.H.O. **STORAGE TANK:** After purification the water will store in an 8ltr. Tank. **SPECIAL FUNCTION:** The machine is fully automatic.

OUTER WRAP

FEED CHANEL SPACER



AT MAGIC



AT DIAMOND

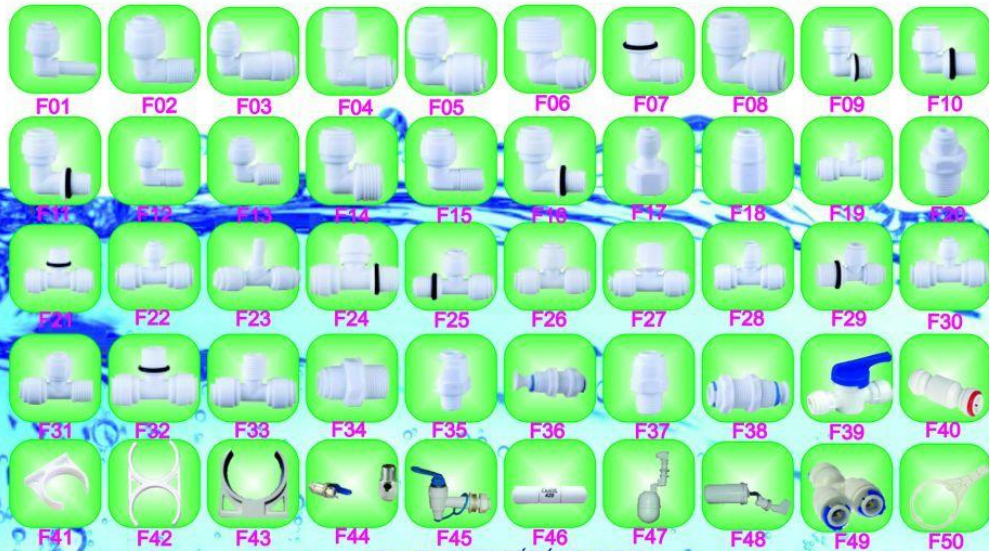


AT POLO



AT PEARL

DOMESTIC R.O. SPARE PARTS & ACCESSORIES



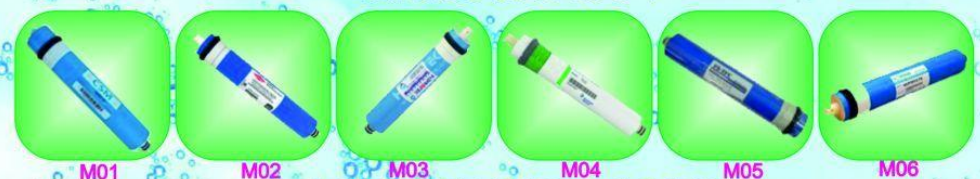
R.O. FITTINGS



R.O. PUMP

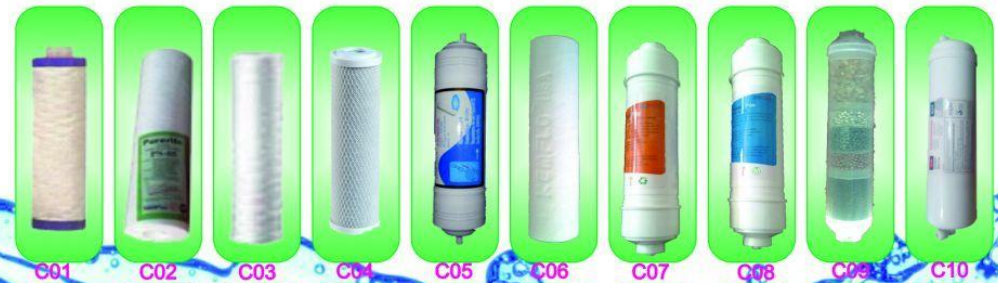


R.O. SMPS & SV



R.O. MEMBRANES

DOMESTIC R.O. SPARE PARTS & ACCESSORIES



R.O. CANDLE & CARBON



R.O. HOUSINGS



COMMERCIAL PRODUCTS



AT-25 LPH R.O



AT-50 LPH R.O

We also have the expertise in offering a wide range of 25 - 100 LPH RO System to our clients. These are designed in accordance with industry standards and extensively used in the commercial and domestic sectors. We also provide personalized solution to our clients as per their requirement.

Advantages:

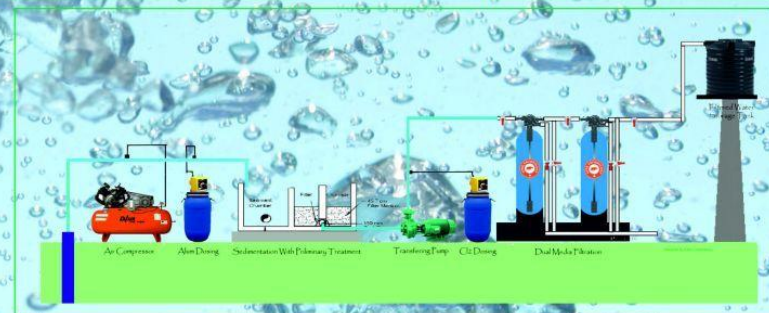
- S.S. skid,
- Table top or wall mounting,
- 50 LPH production capacities,
- LPS protection for dry pump,
- Based on Reverse Osmosis technology,
- High quality Pump & Adaptors are used,
- High quality membranes, components and filter cartridges.



**AP
HOT & COLD**

S.No.	Element	Description / Specification
1.	Structure	ABS / SS Plastic with metal side
2.	Pre Filter	5-Micron PP Sediment Filter NSF with 20" Housing
3.	Pre Filter	1 Micron PP Sediment Filter NSF with 20" Housing
4.	Carbon Filter	20" GAC with Housing (GAC Kemflow)
5.	Production Rate	40-60 Liters per Hour
6.	Post Carbon 10"	Silver impregnated Carbon Kemflow USA
7.	UV Ray	8watt (PHILIPS) Holland
Dimensions		(Lx Wx H Approx) 340" x 330" x 915"
Weight		(Kg. Approx) 23 Kg.(approx)
Working Voltage range		220-240V
Condenser		Static

IRON REMOVAL FILTER



Iron In Water And Its Removal Raw Water generally contains soluble iron in the form of ferrous bicarbonate and insoluble as ferric hydroxide. Water containing ferrous bicarbonate is clear when drawn from a tube well. But as soon as it comes in contact with air develops a whitish haze which on longer standing turns yellowish and then forms yellowish to radish-brown deposits of hydrated ferric oxide, some of this deposit sticks to the side of the container and the rest sinks to the bottom.

Oxidation of I.R. FILTER :

AERATION CHAMBER Ferrous bicarbonate is usually accomplished by dissolved oxygen introduced into the water by aeration as per following reaction : $2 \text{Fe}(\text{HCO}_3)_2 + 1/2 \text{O}_2 + \text{H}_2\text{O} \rightarrow 2 \text{Fe}(\text{OH})_3 + 4 \text{CO}_2$ From the above reaction it appears that 1ppm of dissolved oxygen oxidizes 70ppm of ferrous iron as Fe. As solubility of oxygen from air dissolved in water at 60 F is 10ppm, theoretically water saturated with dissolved air contains enough oxygen to oxidize 70ppm of ferrous iron. Water directly from tube well is first passed into the aeration chamber packed with manganese base catalyst. Before entering into the Aeration Chamber air is injected with water from an Air Compressor. Here according to the above reaction iron is oxidized into ferric form. Water is then passed through the Iron Removal Filter packed with Catalyst Filtering Media. Here the residual ferrous iron is oxidized into ferric and entire precipitated ferric hydroxide is filtered out. The precipitated and entrapped ferric hydroxide is then removed from bed during back washing.

WATER SOFTENER

Applications:

Home and apartments
Process water for manufacturing plants
Boiler feed water and cooling water make-up
Beverage and food processing industry
Hospital, hotel, institute, laundries and more
Domestic Laundry
Hard Water Laundry Symptoms
Dishwashers
Water Boiler Systems and Piping
Solar Heating Systems.



DEMINERALISATION PLANT

Application:

Pharma Industry and storage batteries. Process water for manufacturing plants. Boiler feed water and electronic industries. Beverage and food processing industry. Hospital, hotel, Institute and more....

Demineralization or Deionization is the process of removing mineral salts from water by using the ion exchange process. With most natural water sources it is possible to use Demineralization and produce water of a higher quality than conventional distillation.

We Manufacture a Wide range of custom-built softening, Dematerializing plants for industrial process water applications, with inherent design to conserve water, and save costs. They are available in different sizes and materials, manually operated or fully Automatic, & ready to install & are available as standard models or custom built versions for specific needs.



COMMERCIAL R.O. SYSTEMS



R.O. 250/500 LPH



R.O. 1000/2000 LPH



DIALYSIS UNIT R.O. SYSTEM



20 Ltr. JAR PLANT



6000 LPH R.O. SYSTEM

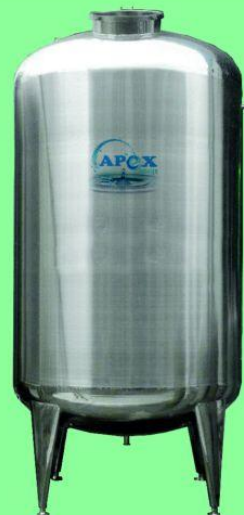
PACKAGED DRINKING WATER TREATMENT PLANT



Stainless Steel R.O. PLANT



500 ml TO 2Ltr. FILLING MACHINE



SS STORAGE TANK

TAILOR - MADE PLANT AVAILABLE IN SS 304 & SS 316



INKJET PRINTER



LABORATORY EQUIPMENT

BLOWING & PACKING MACHINE



PET BLOW MOULDING



AIR DRYER



AIR COMPRESSOR



AIR RECEIVER



CHILLER



AUTOMATIC LABELING MACHINE



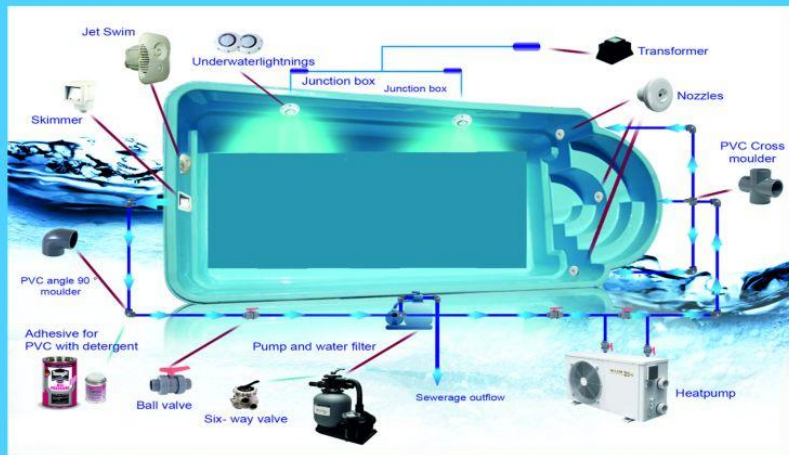
SHRINK WRAPPING MACHINE

SWIMMING POOL PROJECT



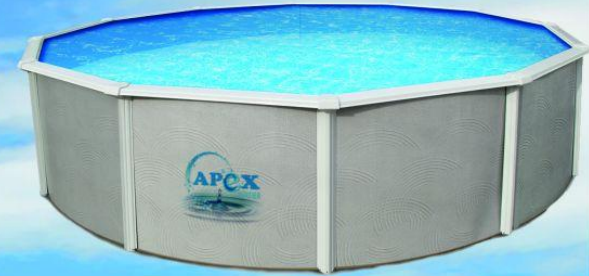
POOL FILTERS

Swimming pool equipment and supplies including filters, deck, chemicals, inflatables, pumps, furniture, lifeguard, water safety and aquatic exercise.



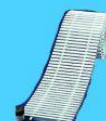
IN GROUND POOL DESIGN

Apex[®]

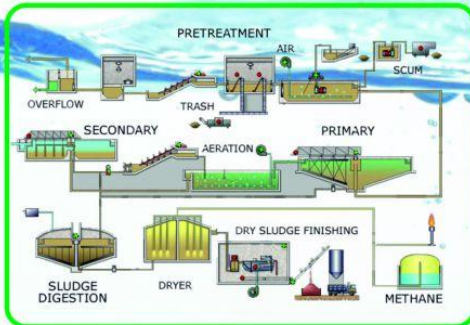


ABOVE GROUND POOL

SWIMMING POOL ACCESSORIES



SEWAGE & EFFULENT TREATMENT PLANT



SEWAGE TREATMENT PROCESS

We Design, Fabricate, Supply, Erect and Commission Sewage Treatment Plants (STP) for treating sewage generated by Industry, large colonies, Hotels, Hospitals, IT Parks and commercial buildings.

Now a days the Sewage Treatment Plant (STP) became statutory requirement of all the State Pollution Control Boards, everybody, whether Hotelier or Industrialist were looking for economical, easy to install and operate compact type Sewage Treatment Plant. Since the land is extremely expensive, very few industries could afford the large treatment units as recommended by most of the Consultants.

We are being pioneer in the field from last 13 years and always in the search of latest and techno-commercially viable technology, system by which the need of the society can be easily satisfied.



Apex® RAIN WATER HARVESTING



In the present scenario management and distribution of water has become centralized. People depend on government system, which has resulted in disruption of community participation in water management and collapse of traditional water harvesting system.

As the water crisis continues to become severe, there is a dire need of reform in water management system and revival of traditional systems. Scientific and technological studies needs to be carried out to assess present status so as to suggest suitable mitigative measures for the revival to traditional system/wisdom. Revival process should necessarily be backed by people's initiative and active public participation.

Living creatures of the universe are made of five basic elements, viz., Earth, Water, Fire, Air and Sky, Obviously, water is one of the most important elements and no creature can survive without it. Despite having a great regard for water, we seem to have failed to address this sector seriously. Human being could not save and conserve water and it sources, probably because of its availability in abundance. But this irresponsible attitude resulted in deterioration of water bodies with respect to quantity and quality both. Now, situation has arrived when even a single drop of water matters. However, "better late than never", we have not realized the seriousness of this issue and initiated efforts to overcome those problems.



AUTOMATIC WATER DISPENSING MACHINE



First Time in INDIA - we are introducing
AUTOMATIC WATER VENDING MACHINE
(WATER ATM) with a cutting edge Technology

**ALL TYPES OF COINS , Rs , DEBIT &
CREDIT CARDS ARE ACCEPTED**

NO OPERATOR REQUIRE

EASY TO HANDLE

**INTERNAL STORAGE TANK
CAPACITY 200 LITER**

Features :-

- 1). Waterproof carbon steel cabinets, the front door open design, safety and health, durable and easy installation
- 2). Advanced RO purification techniques, nine levels effective water treatment, the water quality accord with the national standards
- 3). Intelligent coin and induction IC card self-service techniques, billing accuracy of 0.01 Yuan
- 4). Airtight filling + High concentrations of ozone sterilization, eliminate the secondary pollution completely
- 5). 24-hour uninterrupted UV sterilization, guarantee the water quality
- 6). Filling room has the light, so the user can check any impurities in the water directly
- 7). Light box and light inspection can be controlled by the photosensitive save the electricity costs
- 8). The powerful pretreatment, also it can do the backwash for the



EASY MONITORING THROUGH SOFTWARE

1. Detailed information :

Item	: Purified Water Vending Machine(attached photo)
Water Source	: Municipal Tap Water/Raw Water
Power Supply	: AC220V 50Hz / AC110V 60Hz
Production Capacity(GPD)	: 400, 600, 800, 1300, 1600 and 3000
Water Tank Capacity	: 200L
UV Power	: 20w
Ozone Capacity	: 1000mg
Filling Flow Rate	: 8L/min
Sale Method	: IC Card+ Coins+Paper note
Size of Filling Bottle	: 200ml to 20Ltr.
Filtration Step	: 9 Steps
Size	: L80cmXW68cmXH200cm (3000GPD : L80cmXW68cmXH200cm)
Packing	: Carton for FCL or Poly Wood case for LCL
20' Container	: 18 units
LED Panel	: 19 inch LED Panel for advertisement

2. Filtration process of Standard Model :

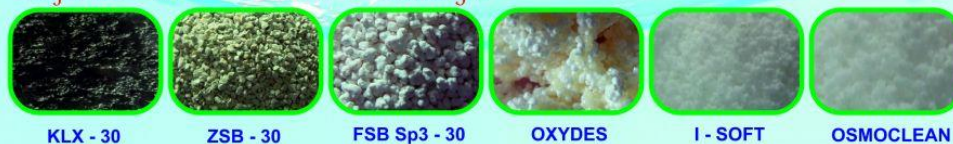
Quartz sand filter-Activated carbon filter-pp filter-pp filter-RO membrane-Post-activated carbon filter-Mineralization- UV sterilization-- Ozone sterilization

INDUSTRIAL SPARE PARTS

Indian Filter Media.....



Imported Filter Media..... (Germany)



Fiberglass Reinforced Plastic Vessel(FRP)



VESSEL SIZE		CAPACITY	OPENING		
inch	mm		L	T	B
8 X 44	205 X 1130	32.1	2.5"	\	\
10 X 54	255 X 1380	63.3	2.5"	\	\
12 X 48	300 X 1225	78.9	2.5"	\	\
12 X 52	300 X 1340	85.8	2.5"	\	\
14 X 65	355 X 1650	145.1	4"	4"	\
14 X 65	355 X 1650	145.1	4"	4"	\
16 X 65	400 X 1670	187.7	4"	4"	\
16 X 65	400 X 1670	187.7	4"	4"	\
18 X 65	450 X 1670	237	4"	4"	\
21 X 69	530 X 1750	316	4"	4"	\
24 X 72	600 X 1850	415	4"	4"	\
30 X 72	750 X 1850	640	4"	4"	\
36 X 72	900 X 1850	850	4"	4"	\
48 X 72	1200 X 1850	1308	6"	6"	\
60 X 110	1500 X 2800	3392	6"	6"	\

Distributions Systems



Manual Multiport Valves(MPV).....



Automatic Multiport Valves.....



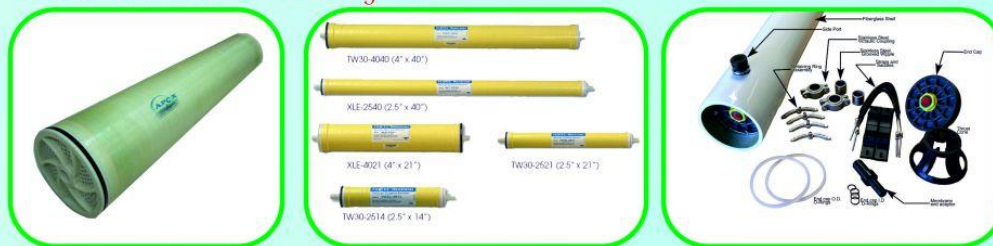
Flow meter & Pressure Gauges.....



Filter Housings & candles.....



R.O.Membranes & Housings.....



Chemical Dosing Pump & Chemicals.....



Raw Water , Transferring & High Pressure Pumps.....



Raw Water Pump



Transfer Pump



High Pressure Pump

Electrical Online Digital Meters.....



HTDS



CCT-3320T



PH METER



CI-550



FLOW METER



U.V. STERILIZER



OZONATOR



AUTOMATIC CONTROL PANEL



H.P. SWITCH



230 V S.V.

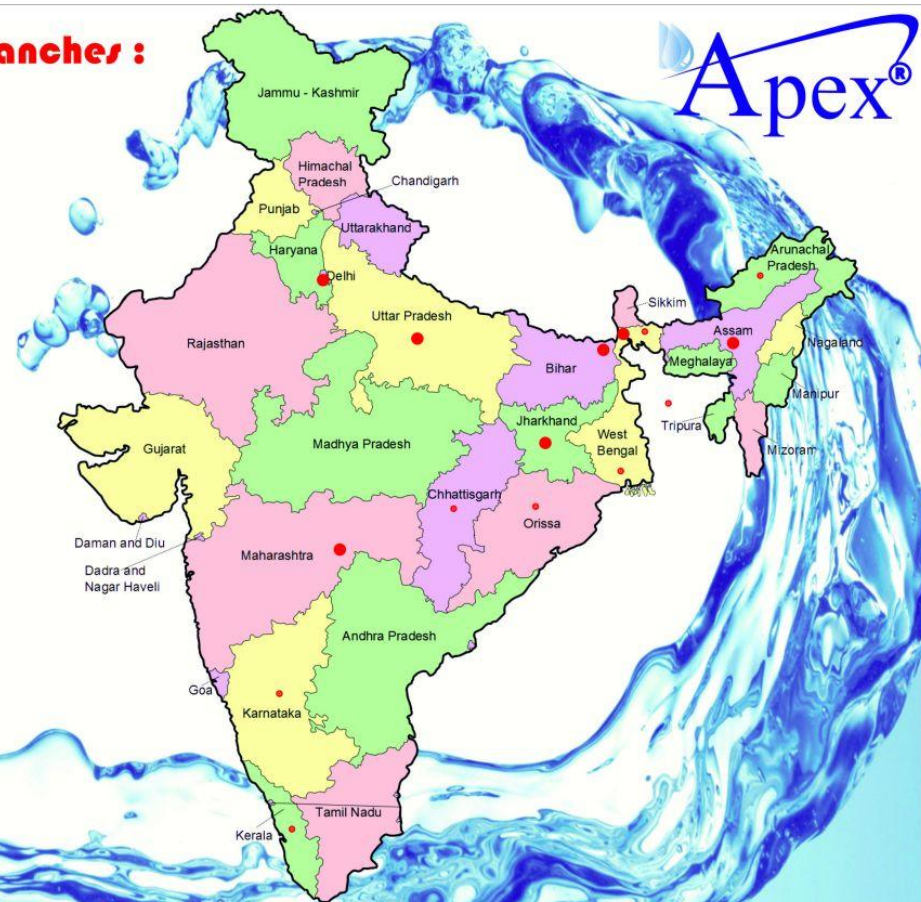


SS PIPE FITTINGS



SS PIPE

Our Branches :



CORPORATE OFFICE : DELHI & NCR

Flat No. F74, 2nd Floor, Sector 51
Noida, Uttar Pradesh

REGISTERED OFFICE : SILIGURI

Santi More, Atul Prasad Sarani, Hakim Para
Siliguri - 734001, Dist - Darjeeling, West Bengal

BRANCH OFFICE: NAGPUR

Opp. Desai Brothers, Above Abhay Traders,
Ayachit Mandir Road, Badkas Chowk

BRANCH OFFICE: GUWAHATI

2nd Floor, Guwahati Eye Hospital Building,
Lachit Nagar, Guwahati, Assam-781007

CONTACT US:-1860 121 7600 (Toll Free)

+9192233404333

apextechnology1

Website : www.apextechnology.co.in / www.apextechnology.in / www.apexpurifier.com



Protect your family from
Water borne disease



Distributer Address :



ApexTM

The Ultimate Friend



APEX TECHNOLOGY

AN ISO 9001:2008 CERTIFIED & BIS REGISTERED COMPANY

शुद्ध जल - रोग मुक्त जीवन

Manufactures of

WATER PURIFIER | RO SYSTEM | INDUSTRIAL PLANT

‘शुद्ध जल-रोग मुक्त जीवन’



PACKAGED DRINKING WATER PLANT

IRON REMOVAL PLANT

APEX TECHNOLOGY

AN ISO 9001 - 2008 CERTIFIED & NSIC REGISTERED / CE CERTIFIED / AAA RATED COMPANY

TOLL FREE : 1800 121 7600 , website : www.apextechnology.co.in

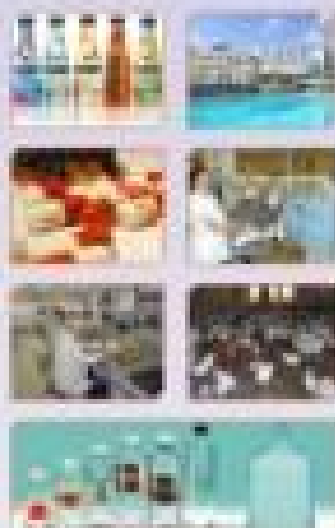
about us

Apex Technology is an ISO 9001:2008 certified (with DGS & DI with AAA rating, IMERA/MSIC approved and ISI Registered Company that is known for maintaining high standards of quality and after sales service. The company is engaged as a Manufacturer, Exporter and Importer of water filter parts & components of high quality & is committed to provide "Water Solutions" for Industrial and Domestic Usage. Besides its water solutions in the form of Water Treatment Plant, Water Treatment Chemicals, Reverse Osmosis System, Water Purifiers, Iron Removal Filter, Filter Media, Water Softener System and FSP Vessel, it also deals in high quality Home Appliances. By offering solutions that are backed by latest technology at affordable price we have created a strong brand identity of APEX.

We are associated with USA and Taiwan based water treatment companies for procurement of components and the designing of commercial RO Systems/Iron Removal Plant/Demineralizer Plant/Softener & Waste Water Treatment Plant. The company manufactures packaged RO systems for ground, bore well, well, river and tap water applications in standard capacities of potable water production from 8 to 50000 LPH, single, double, triple tube water filters with and without UV attachment, and softener plants in various capacities. We can design, manufacture and install customized systems to meet the clients' requirements. For this, we have developed advanced machinery and equipment to assist our engineers in the selection and designing of the most effective RO systems for the type of raw water available to each individual client.

applications

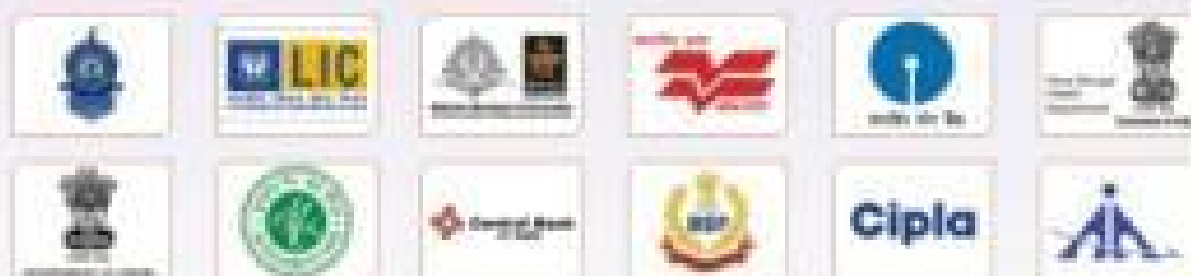
- ◆ Food and Beverages
- ◆ Corporate Houses
- ◆ Hotel and Restaurants
- ◆ Hospital & School
- ◆ Textile Industry
- ◆ Pharmaceutical Industry
- ◆ Boiler and Cooling Tower
- ◆ Electronic Manufacturing
- ◆ Poultry Farm
- ◆ Green House
- ◆ Laboratory
- ◆ Dye Industry
- ◆ Kidney Dialysis



our products

- ◆ Domestic and Commercial R.O. systems
- ◆ Packaged drinking water plant
- ◆ 20 Lit. Jar R.O. Plant
- ◆ Demineralization system
- ◆ Iron removal plant
- ◆ Water softening system
- ◆ Waste water treatment plant
- ◆ Sewage treatment plant
- ◆ Swimming pool filtration system
- ◆ Hydro-pneumatic booster system
- ◆ Sea water desalination system
- ◆ Home appliances

our esteemed customer



APEX TECHNOLOGY



25 LPH R.O SYSTEM



Technical Specification :-

Flow rate 25 Ltr./hrs.
 Installation Counter top
 Dimensions 19(H) x 17(W) x 11(D) inches
 Power Supply 220+/- 10% Volt
 BOX PIPE FRAME SS
 PRE FILTER 10" 10 MICRON PP FILTER USA
 10" ACTIVATED CARBON BLOCK FILTER
 BOOSTER PUMP 125 PSI KEMFLOW -1 NOS
 MEMBRANE FILMTECH USA MAKE -2 NOS
 AUTOMATIC ON OFF SWITCH FLOATING SWITCH
 PRODUCTION RATE UP TO 25 LPH
 FEED WATER 500 PPM MAX. (RAW WATER)
 REJECT WATER APPROX. 50%
 POWER CONSUMPTION 48 VOLT DC

50 LPH R.O SYSTEM

Capacity : 40-60 litres/hr.
 Booster Pump : 2.
 Membranes : 4 nos. Filmtech / Equiv.
 Capacity Person : 50 to 300.
 Skid : SS
 Operation : Fully Automatic.
 Cooler Attachment : Optionally available.



250 / 500 LPH R.O SYSTEM



Technical Specification :-

Flow rate 250 / 500 / 1000.
Power Supply 220 \pm 10% Volt
SKID SS
MULTIGRADE FILTER
ACTIVATED CARBON FILTER
MICRON FILTRATION
HIGH PRESSURE PUMP
MEMBRANE FILMTECH
AUTOMATIC PANNEL BOARD
CHLORINE DOZER
ANTISCALLENT DOZER
U.V STERILIZER



2000 / 3000 LPH R.O SYSTEM

Technical Specification :-

Flow rate 2000 / 3000 / 5000.
Power Supply 220 \pm 10% Volt
SKID SS
ISR RESIN CHAMBER
MULTIGRADE FILTER
ACTIVATED CARBON FILTER
MICRON FILTRATION
HIGH PRESSURE PUMP
MEMBRANE FILMTECH
AUTOMATIC PANNEL BOARD
CHLORINE DOZER
ANTISCALLENT DOZER
SMBS DOZER
MINERAL DOZER
U.V STERILIZER
OZONATOR



IRON REMOVAL FILTRATION PLANT

IRON REMOVAL PLANT

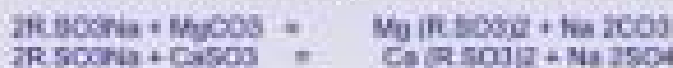


Capacity starts form 500 LPH up to 10000 gph

WATER SOFTENER PLANT

Softening is the process of replacing hardness causing calcium and magnesium salts with sodium salts. It involves ion-exchange reaction in which sodium such as calcium magnesium etc are replaced by sodium ions. If a sodium cation exchange ion exchange is a reversible equilibrium reaction, in the sodium cation exchange resin the cation group shows a greater affinity for other cations in reference to sodium ions. This process is reversed when the resin bed get exhausted of sodium ions and it is regenerated with sodium chloride solution. The reverse process is possible because of sodium ions being present in high concentration in the regenerate solution.

The following equation will give an indication of the reaction involved:

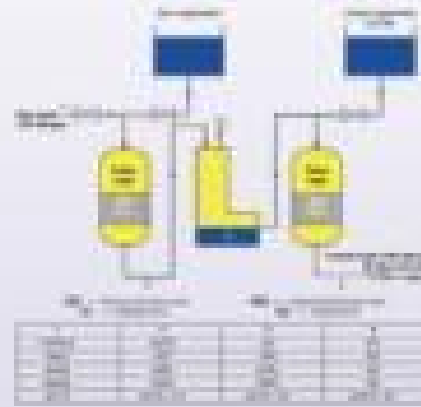
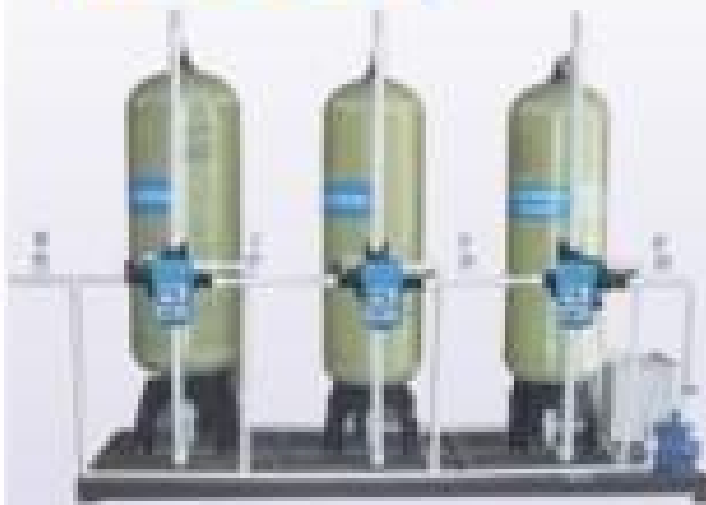


When the supply of exchangeable ions within the resin is exhausted, the treated water hardness increases and the resin requires regeneration. i.e., reconversion of resin into the operating form.

The resin is regenerated with sodium chloride solution. The process is as follows:



D.M PLANT



Demineralization is the Process of removing the mineral salts from water by ionexchange. Impurities that remains dissolved in water dissociate to form positive and negative charged particles known as ions. These impurities or compounds are called electrolytes. Generally, all natural water has electrolytes in varying concentrations. An ion-exchange vessel holds ionexchange resin of the required type through which water is allowed to pass. The selective ions in the water are exchanged with ions or radicals loosely held by the resin. In this way, the water is passed through several vessels or a mixed bed vessel so that both positive and negative ions are removed and water is dematerialized. Capacity : Starts from 100 LPH to 20 m3.

DIALYSIS UNIT R.O. PLANT



Fully Automatic Washing, Filling, Capping, 40 BPM Machine

Features :-

- Neck Holding
- No Bottle No Rinsing No Filling and No Capping
- Two Time Rinsing
- Three Stage Filling
- Non Contact Sensors
- Separate Cap Hopper Having Capacity 1000 Caps
- Material of Contractions contact parts SS316L rest SS304



Fully Automatic Washing, Filling, Capping, 60 / 90 BPM Machine



Water Filling Machine Technical Specifications :-

Electrical Load :- 0.15 HP (0.15 KW)

Main Drive

a) Motor 1.5 HP (1.1 kW) 1440RPM - 440VAC

Cap Hopper

a) General Motor 0.25 HP (0.25 kW) 1440RPM - 440VAC

b) Hopper Capacity 1000 Caps At a time

c) Material of construction SS304

d) SS 304 Quality built PP Nozz

e) Size L = 3 feet x W = 3 feet x H = 1.5 feet

f) Weight = 200 kg Approx

Programmable Logic Controller (PLC)

a) Inputs = Photo Sensor

b) Output = 100 VAC

Filling Rates 70 BPM 200 VAC

Pressure Switches 20VAC 200 Bar (For No Bottle No - FILL SYSTEM)

Shrink Tunnel 0.25HP (0.25KW)

Conveyor 3 feet and 15 feet

a) General Motor 0.25 hp 50 RPM 440VAC

b) Material of construction SS304

c) Size = 3" (Size material) SS304

d) Adjustable legs for different size of bottle up to 300mm

Machine size in feet

Machine Only :- L = 1'4" x W = 5.2" x H = 9"

Machine With Conveyor and all accessories :- L = 34" x W = 17" x H = 9"