

Introduction

AVIMAXX is the entity which provides complete water solutions for industrial requirements to meet their required throughputs as well as the requirements of PCB to save Mother Earth.

We provide solutions in different types of filters, water requirements viz. RO plants, DM plants, Effluent treatment plants (Chemical Treatment as well as MBBR technology based), STP (conventional as well as MBR Technology), Bio Reactors, Ultra Filtration plant, Nano Filtration Plants, cooling tower solutions etc.

AVIMAXX also provides solutions for consumables, chemicals, spares, required sensors and other electrical & hardware items related to water solutions. We also provide special piping solutions viz. PPH, PVDF, UPVC, PPR etc.

AVIMAXX also offers solutions for reactor designing, plant designing, improvement solutions in running plants by applying modern techniques.

In last AVIMAXX is working in such a way where THE SEARCH BECOMES END FOR WATER SOLUTIONS and with the principle of solving with solution.



AVIMAXX PHILOSOPHY: BUILDING VALUE

We create value for our customers by developing and implementing innovative, differentiated solutions that are environmentally, technically and financially sustainable. We have also helped our customers to continuously improve their environmental performance through better resource management and control of emissions.

We are committed to being the proven technologies in each area of our business, process improvement focused, or water treatment oriented, by providing dynamic, integrated solutions that improve our customers' products and optimize their operations.

AVIMAXX works to meet its customers' needs by listening to the customer, identifying key concerns, nurturing relationships, and creating new technologies and applications. The Team AVIMAXX is the key to achieving these goals as consultant, problem-solver, on-site expert and business partner.

AVIMAXX on-site Sales and Service Engineers are backed by our global research groups, support teams, infrastructure, and best practices.

Disc Filter



These are the primary filters with advanced techniques used for water filtration. These filters are available in various micron ratings from 150 to 10 micron.



Bag Filter & MCF

Activated Carbon Filter



MGF, MMF, DMF

MGF

A Multi Grade Filter consists of vertical or horizontal pressure sand filters that contain multiple layers of coarse and fine sand (pebbles and gravels) in a fixed proportion.

MMF

Multimedia filtration refers to a pressure filter vessel which utilizes different type of media such as sand, pebbles, Anthracite etc.

DMF

A dual-media filter consists of a layer of coal above a layer of fine sand. The upper layer of coal traps most of the large particles, and the finer sand grains in the lower layer trap smaller impurities.



Ultrafiltration



Ultrafiltration is used for the separation of suspended solids, colloids, bacteria and virus. This technique uses membranes with pore size between 1-100nm.

Nanofiltration

The nanofiltration technique is used for removal of Di-valent or Bigger ions such as heavy metals. The working principle of this technique is same as Reverse Osmosis, with the difference of lower working pressure as used less membranes in this technique.



Reverse Osmosis System



Reverse osmosis (RO) is a water purification technology that works to remove dissolved salts from water with the help of semipermeable membrane under high pressure.

Electrodeionization (EDI)

The EDI process produces industrial process water of very high purity, using less than 95% of the chemical products used in the conventional ion exchange processes. The working principle of EDI is same like Electro-Chemical cell with difference of using specialized resin instead of conventional chemicals.



Industrial Waste Treatment Plant

Industrial wastewater treatment covers the mechanisms and processes used to treat wastewater that is produced as a by-product of industrial or commercial activities. It could be Biological Waste or Chemical Waste. To nullify the impact of these waste through modern techniques viz. MBBR technology, Chemical Nutritization system etc. is the function of these plants and as a result to control on critical parameters which can affect the entire area and fauna.

Municipal Waste Treatment Plant

The major part of municipal waste contains the human waste. Now a days it becomes a big threat to our Environment. Through these plants we can nullify the impact of these waste on Environment. These plants are work on bacterial treatment technology.

In this technology we provide cultural development according to waste.

These plants are conventional which used manpower, chemicals and electricity as well as some modern MBBR technologies are also available where no chemical and man power is required only it works with 1/10 electricity of conventional plants.

UV System

The UV system provides the protection from Bacterial growth in water. The UV system; according its name generates high energy radiations which kills the bacteria present in water.

Spare and consumables

SKNN provides a wide range of spares used in water treatment plants.

1. All type of Cartredge Iters
2. All type of Bag Iters
3. Disk Iters
4. Dirent types of Iteration media viz. sand pabbles, anthrasite etc.
5. Pressure Vassels with accessries with dirent MOC viz. FRP, MSRL, PPFRP, etc.
6. All type of piping materials.
7. Sancers
8. Flow meters
9. Pumps
- 10.All Electrical accessries
11. VFDs
- 12.Filter Press with Itiration clothes
13. RO, UF, NF Membranes with housing
14. Softener Systems
15. Testing Kits.

And Many More...

Resins and Chemicals

1. All Type of ion Exchange Resins
2. Softener Resins
3. Mix Bed Resins
4. Focculents
5. Cogulents
6. Scale Inhibitors
7. Antiscalents
8. Fire set Chemicals
9. Cooling Tower Chemicals
10. Boiler Chemicals

And Many more...