



Discover The Difference Here



www.airsunllp.com

OUR EXPERIENCE & YOUR TRUST WILL MAKE IT HAPPEN

Welcome to **AIRSUN WATER EXPERT LLP**, single window for all water treatment products. We're dedicated to giving you the very best of water treatment products and services with a focus on

- Water quality by testing report,
- Selection of products by doing personal discussion,
- Experience team for installation,
- Hassle free service back up for long term relation.

SINGLE WINDOW concept was founded in the year 2007 and with success and more trustworthy now will be there by the name of **AIRSUN WATER EXPERT LLP** and has come a long way from its beginnings in starting location ie OUR BRAIN .We started out, with the passion of managing water under single window with the tons of research and installation of different type of water treatment applications. So that **AIRSUN WATER EXPERT LLP** team can offer you the best advance products and there services for water managing solutions from whatever your water origin to till its application using point.

As an **AIRSUN WATER EXPERT** our technology specialist support customer engineering teams to find the most appropriate solutions for your specific needs of water utility.

We hope you enjoy our products as much as we enjoy offering them to you.

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PUMPING & HYDRO BOOSTER SOLUTIONS

We as a “**AIRSUN WATER EXPERT LLP**” providing the customised pumping solutions for domestic, hotels, hospitals, commercial & Industrial utility with difference types of pumps likes Mono block, Submersible, Centrifugal, Vertical inline, sewage water and other special application pumps.

Our criteria of pump supply is basis on flow rate, working head, types of water quality and according to application. We also suggest our client the MOC, make and model of the pump.

Highlights of our Pumping & Hydro Booster Solutions

- Wide range with variety of pump sizes make and models easy to fit as per applications
- Easy installation with experience technical team
- Optimal after sales & services
- Customised standard protection, logical electrical based control panel with each unit.



FILTRATION SYSTEMS

Water Filtrations is a general terms that refers to any systems or process that is use to filter out partials and pollutants from water. Any things that removes any amount of particles sediments bacteria and chlorine test can be called water filtration.

Types of Filtration

- Quartz Sand based Standard Media filtration
- Natural Zeolite based Fine Filtration
- Activated Carbon Filtration
- Micron Cartridge Filtration
- Other customized special Filtration

WHY SOFTENING SYSTEMS REQUIRED?

Prevents fabrics from losing their natural look and feel

Reduces consumption of soap and shampoo so that reduce hair loss and smoothening the skin natural beauty

Reduces cooking time, consumption of gas

Removes suspended solids

Increase life span of heating appliances, washing machine & bath fittings

Types of Operation – Automatic (time / Flow based operation) & Manual as per the client and site conditions

Feature: We offer design, manufacturing, installation & after sales service from 1 m³/hr to 50 m³/hr filtration and softening units as per the client's requirements with different type of materials likes FRP, PP, MS, SS & MS with special coated materials . We offered manual, automatic operation on timer or flow based operational per the client site condition.



HOT / COLD WATER BY HEAT PUMP

Air Source Heat Pump Water Heating System (ASHPWH) is a revolutionary innovative product which gives 24/7 hot water. ASHPWH works with a world wide proven high performance & power saving technology and regarded as 4th generation water heater. It is unique because, approximately 75 % of total heat energy generated is absorbed from the surrounding ambient air and 25 % from electricity.

Features:

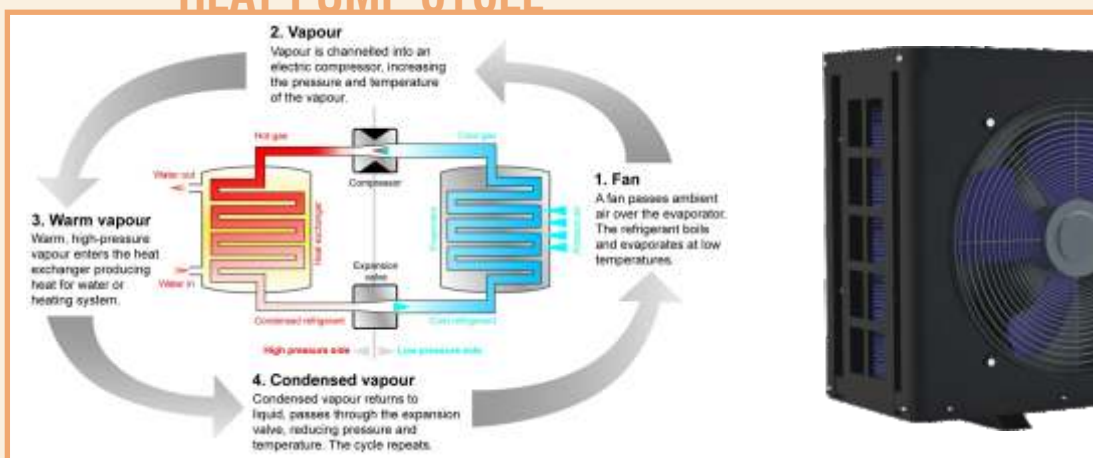
- 24 / 7 hot water solution and works in any climate.
- Equipped with high quality, efficient compressor and evaporator.
- Tremendous savings and payback i.e. 75% savings in running costs when compared with Electrical Geyser and 50% savings against Gas fired boilers.

Application:

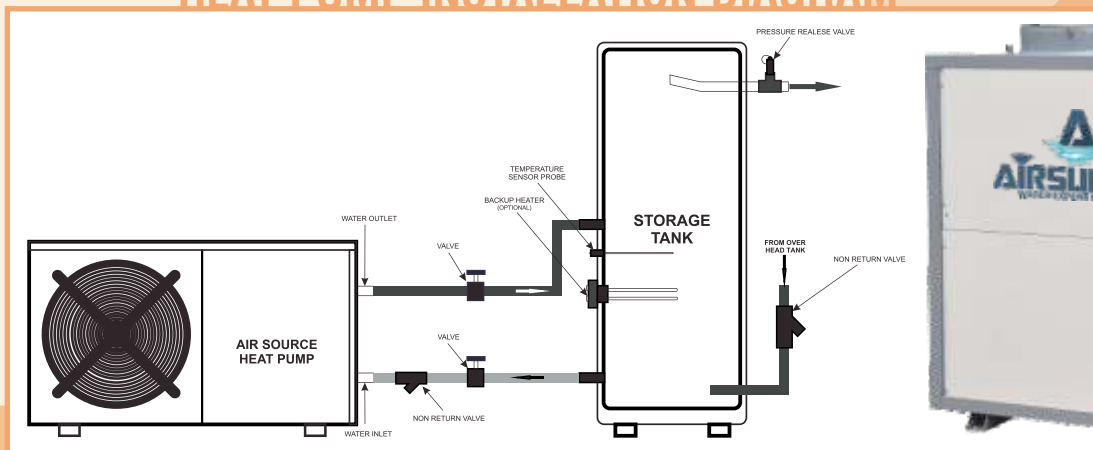
- Hotels/Resorts/Hostels/Hospitals/Residential/Swimming Pools/Industries...etc.,
- Models from 90 Litres /Hr to 1795+ Litres /Hr hot water generation.
- Easy and flexible installation and maintenance.

It can be hybrid with the existing mode of heating system and thus eliminates the burden of extra works and cost.

HEAT PUMP CYCLE



HEAT PUMP INSTALLATION DIAGRAM



Airsun R.O.

We “**AIRSUN WATER**” having a more than 20 years of designing experience of various types of Commercial & Industrial Water Treatment Plant (WTP) based on source of water to its utility with optimum operating conditions and efficient pre-treatment plant co-operate with final products. We have incorporated several world-class renowned equipment/ instruments that are time tested. Utmost care is taken for selection of proper material of construction for each component in “**AIRSUN RO**” system. This is because we believe that appropriate selection of materials is vital in such a sophisticated system.

We design the plant in such a way which provide more recovery with extra life & simple operating condition to understand by unskilled operators. We offered manual, Semi-automatic & fully automatic plants with MS, SS and FRP various Material Of Construction combination tailor made plants starting from 250 LPH capacity and more as per client requirement which can be utilized for various applications likes, drinking, domestic or other general utility purpose where low TDS water is not available, boiler feed water, cooling tower, dialysis, pharmaceuticals, agriculture process, other various Process etc.



Swimming Pool System



Ozenator



Multi Port Valve



Hot Water Tank



Water Filter



Water Treatment Chemical

Dosing Pump



- **PUMPING & HYDRO BOOSTER**
- **FILTRATION** like Sand, Carbon, Cartridges or other special application.
- **WATER SOFTENING & CONDITIONER SOLUTIONS**
- **HOT / COLD WATER SOLUTION** by
Heat Pump / Chiller / Boiler / Electrical & Gas Geyser
- **RO / DM / UF SOLUTIONS**
- **GRAY WATER RECYCLE BY “AIRSUN 1120 - 3R”**
- **SEWAGE WATER RECYCLE BY “MBR / MBBR / ELECTROLYSIS**
- **SWIMMING POOL FILTRATION**
- **ELECTRICAL CONTROL PANEL FOR CUSTOMIZED AUTOMATION**
- **AIRSUN OTHER PRODUCTS LIKES -**
FRP Vessels, MPV Valves, Flow Meter & Distribution System,
Ultra Violet (UV) & Ozonation System



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