



**RESIDENTIAL**

**COMMERCIAL**

**INDUSTRIAL**

**AGRICULTURAL**

**AQUALITY INTELLIGENT SOLUTIONS PVT LTD**

**Water Treatment | Air Filtration | Energy Solutions**

An ISO 9001:2015 Certified Co.

[aquality.co.in](http://aquality.co.in)

## WATER TREATMENT SOLUTIONS

### Commercial and Industrial

As the global population continues to grow, the demand for clean, accessible water is rising, making water treatment more crucial than ever. Water scarcity, contamination, and pollution are growing challenges, putting pressure on residential, commercial and industrial sectors to find sustainable solutions. Effective water treatment is vital not only for providing safe drinking water but also for supporting industries that rely on specific water quality for their operations. Moreover, adhering to regulatory standards and protecting the environment are becoming increasingly important priorities for businesses.

At AISPL, we understand these challenges and are committed to providing solutions that address them. Our expertise lies in designing and operating water treatment plants that are precisely tailored to meet both general and specialized needs. Whether it's providing safe drinking water or meeting the complex requirements of industrial processes, we create customized systems that deliver the best results.

Our unique AED (Assessment, Evaluation, and Diagnosis) approach allows us to thoroughly analyze the specific needs of each client, assess any constraints, and develop the most effective solution. This customer-centric strategy has positioned us as a trusted provider of comprehensive water treatment solutions. With innovation at the heart of everything we do and sustainability as our driving force, we consistently exceed expectations and help clients navigate the challenges of water management.

#### Applications

- Residential & Commercial - Drinking Water and Used Water
- Industrial Water- Process & Effluent
- Food & Beverage
- Healthcare & Pharmaceutical
- Power Plant
- Municipal Water Supply

#### 5 Simple Steps to Complete Water Treatment



Experience peace of mind with safe, reliable water solutions, ensuring smooth and worry-free operations for any setting.

We address the difficulties of managing valuable resources while minimizing our carbon footprint.

We offer **retrofitting, renovation, up-gradation, maintenance AMC's and system optimization services.**

## WATER TREATMENT SOLUTIONS

### Commercial and Industrial



The following are just a few of the tested and reliable technologies we use:

- Reverse Osmosis and Nano Filtration
- Ion Exchange Resin
- Ultra Filtration
- Fine Particulate Filtration
- Micron Filtration
- Ultra Violet Disinfection
- Ozonation
- Activated Carbon Filtration
- Adsorbents and Selective Media Filtration

The provided systems, which have capacities ranging from 220LPH to 50,000LPH, are made to effectively manage the demands of water filtration by employing the purification procedures listed below:

- Intake
- Pre-treatment
- Ultra Filtration
- Reverse Osmosis Process
- PH Adjustment
- Ozonation
- De Mineralization
- Re Mineralization
- Disinfection

#### Applications

- Drinking
- Boiler Feed water
- Pre-treatment Beverage Production
- Hospitals, Hotels and resorts
- Pharmaceuticals
- Food processing
- And several other industries.



For more information of our products visit:

<https://aquality.co.in/ro-systems/>

<https://aquality.co.in/uv-systems/>

## WATERTREATMENTSOLUTIONS

### Residential Reverse Osmosis (RO)

We understand that clean, reliable drinking water starts with the right technology. Our advanced RO (Reverse Osmosis) systems are designed to tackle high TDS levels, chemical residues, and dissolved impurities ensuring every drop is pure, safe, and great tasting. Using our unique AED (Assessment, Evaluation, Diagnosis) approach, we customize RO solutions to match your home's specific water conditions and usage.

Whether for individual households or residential complexes, our systems deliver high performance purification with long-term reliability.

With AISPL, you're not just installing an RO system you're investing in better health, daily comfort, and peace of mind.



### MDRO Series Product Specifications

| Model                                     | MDRO-800           | MDRO-1200          | MDRO-1600          |
|---|--------------------|--------------------|--------------------|
| System Dimensions(mm)                     | W320*D268*H598(7#) | W320*D268*H708(9#) | W320*D268*H708(9#) |
| Phosphate Filter Cartridge Model          | PPC-80             | PPC-120            | PPC-160            |
| Recommended Replacement Cycle             | 12-24 months       | 12-24 months       | 12-24 months       |
| Reverse Osmosis Filter Cartridge Model    | MRO-800            | MRO-1200           | MRO-1600           |
| Recommended Replacement Cycle             | 12-18 months       | 12-18 months       | 12-18 months       |
| Water Efficiency Rating                   | Level 1            | Level 1            | Level 1            |
| Rated Water Purification Flow Rate (LPM)  | 2                  | 3                  | 4                  |
| Rated Total Volume of Purified Water (m³) | 9                  | 11                 | 12                 |
| Inlet/Outlet Size (Inch)                  | 3/8                | 3/8                | 3/8                |
| Recommended Inlet Pressure (MPa)          | 0.1-0.4            | 0.1-0.4            | 0.1-0.4            |
| Operating Pressure (MPa)                  | 0.6-0.9            | 0.6-0.9            | 0.6-0.9            |
| Inlet Water Temperature (°C)              | 5~38               | 5~38               | 5~38               |
| Rated Power (W)                           | 108                | 144                | 216                |

### CMRS

| Product Description            | Water Flow Rate 4 l/min | Water Capacity 12 m³ | RO Water Flow Rate 1.5 L/min | RO Water Capacity 7m³ | Inlet Water Pressure 20 - 50 PSI | Power Supply 220V 50/60 Hz | Dimensions 48cm x 28cm x 65cm (Length x Width x Height) |
|--------------------------------|-------------------------|----------------------|------------------------------|-----------------------|----------------------------------|----------------------------|---|
| Pentair Everpure CMRS600MD-B55 |                         |                      |                              |                       |                                  |                            |   |

### Conserve RO

| Product Description          | Water temperature 5-38°C | Water pipe 15 15 220V~/50Hz 1/4"OD 1/4"OD | RO Water Flow Rate 0.425 L/min | RO Water Capacity 0.85 L/min | Tank size 277x371(mm) | Power Supply 2-40°C | Dimensions 410cm x 205cm x 500cm (Length x Width x Height) |
|------------------------------|--------------------------|---|--------------------------------|------------------------------|-----------------------|---------------------|--|
| Pentair Everpure Conserve RO |                          |   |                                |                              |                       |                     |  |

## WATER TREATMENT SOLUTIONS

### Residential Ultra Violet (UV)

We recognize the critical importance of microbiologically safe drinking water especially in environments where water may be chemically treated but still vulnerable to microbial contamination.

Our Ultraviolet (UV) purification systems provide a highly effective, chemical free solution for eliminating bacteria, viruses, and other harmful microorganisms. Designed for low TDS water sources such as municipal supplies, AISPL UV systems ensure water is disinfected at the molecular level without altering its taste, odor, or natural composition.

Engineered for reliability, energy efficiency, and ease of maintenance, our UV solutions integrate seamlessly into residential setups, offering continuous protection and consistent performance.

With AISPL, you're assured of water that not only meets safety standards but supports the well being of every household every day.



UV 75

### WHOLE HOUSE FILTRATION Backflush Prefilter

#### Product Specifications



- Product Model: BB3011-00
- Product Dimensions (mm), (HxWxD): 293x169x88
- Micron Rating ( $\mu\text{m}$ ): 40
- Clean water flow rate (m<sup>3</sup>/h): 30
- Capacity (m<sup>3</sup>): 1000
- Inlet Water Pressure (PSI): 14.5- 72.5 PSI (1-5 bar)
- Operating Temperature (°C): 5-38

#### C500 Series Prefilter

| Pentair C500 series pre-filter product specifications |                     |
|---|---------------------|
| Model   | C500 WI automatic   |
| Dimensions (wx dx h)                                  | 124 x 109 x 323mm   |
| Clean water rate                                      | 6.5T/h              |
| Filtration precision                                  | 40pm                |
| Operating pressure                                    | 0.1-1.0MPa          |
| Incoming water quality                                | Municipal tap water |



## WATER DISPENSER with inbuilt Purifier

### Premium Stainless Steel Water Coolers and Dispensers



- UV + OZONE purification plant of any capacity for various applications.
- RO + UV + OZONE purification plant of any capacity for various applications.
- Water purifiers for existing water coolers with automatic storage tank re-purification at regular intervals.
- Industrial water purifiers with warm, hot and cold water dispensing options and many more according to the site condition and available resources.

#### Applications

- Hotels
- Office
- Factory dinning halls
- Temples
- Colleges
- Schools
- Hospitals
- Hostels

#### AQUALITY Bottle Water Dispenser

##### FEATURES

- Efficient UV Disinfection: Kills germs and makes your water safe to drink.
- Perfect pH: Keeps your water at the ideal balance.
- Easy Electronic Controls: Simple buttons to set the water temperature and get your water.
- Hot, Cold, and Normal Water: Gives you different temperature options for your drinks.
- Easy Bottle Loading: No more lifting heavy bottles – keep them on the floor.
- Capacity (Liters): 75, 100, 125 & 250



## WATER SOFTENING SYSTEMS

### Soft water - For a healthier home

Water softeners eliminate heavy minerals like calcium, iron, and magnesium from your water supply, enhancing water quality throughout your home. They come in various types, including faucet-mounted, under-sink, and showerhead options. A water softener can prevent issues like leaky faucets, clogged pipes, and damage to appliances, while also improving the taste and smell of water, and reducing dry skin, dry hair, and soap residue. It's an ideal solution for homes with hard water, offering numerous benefits by reducing mineral deposits and scale buildup.

**A water softener prevents heavy minerals from binding in your water, solving these issues.**

#### Softened water can

- Save money in the long term
- Provide cleaner hair and softer skin
- Brighten and soften clothes
- Clean dishes and glasses better
- Reduce time spent cleaning
- Make drinking water clearer and better tasting

#### Applications



For more information of our products visit:

<https://aquality.co.in/softener/>

## WATER SOFTENING SYSTEMS

### Residential Applications - 300LPH to 5000LPH

| Standard Softener Model Selection |          |                  |                        |                                 |                                 | Hardness (ppm) : 400        |                             |
|-----------------------------------|----------|------------------|------------------------|---------------------------------|---------------------------------|-----------------------------|-----------------------------|
| Sl No                             | Model    | Vessel Size (mm) | Resin Volume (Liters ) | Min Flow Rate (Liters per Hour) | Max Flow Rate (Liters per Hour) | Output between Regen-(Ltrs) | Salt per regeneration (Kgs) |
| 1                                 | AWS 1054 | 1054             | 25                     | 200                             | 1500                            | 3850                        | 4                           |
| 2                                 | AWS 1354 | 1354             | 50                     | 200                             | 1800                            | 6875                        | 8                           |
| 3                                 | AWS 1354 | 1354             | 75                     | 300                             | 2000                            | 10313                       | 12                          |
| 4                                 | AWS 1465 | 1465             | 100                    | 500                             | 2500                            | 13750                       | 16                          |
| 5                                 | AWS 1665 | 1665             | 150                    | 800                             | 3000                            | 20625                       | 24                          |
| 6                                 | AWS 1865 | 1865             | 200                    | 1000                            | 3500                            | 27500                       | 32                          |
| 7                                 | AWS 1872 | 1872             | 250                    | 2000                            | 4000                            | 34375                       | 40                          |
| 8                                 | AWS 2072 | 2072             | 300                    | 3500                            | 5600                            | 41250                       | 48                          |

### FRP Vessel Specifications

|                  |               |                |                                   |
|------------------|---------------|----------------|-----------------------------------|
| Shell Thickness  | 1.2 mm to 5mm | Burst pressure | 8 bars (gaskets)                  |
| Dish End         | 1.2 mm to 5mm | Weight Density | 21kg/M3 - Vol                     |
| Rubber Lining    | NA            | Pipeline       | CPVC                              |
| Min I/P Pressure | 1.5 bar       | Warranty       | 1 year against defects            |
| Operating        | Upto 3 bar    | Usable Life    | 5 Years if protected from Weather |
| Shock pressure   | 5 bars        | Brand          | PENTAIR                           |

## PUMPING SOLUTIONS

We understand the importance of efficient and reliable pumping systems for various applications. Our company specializes in providing high-quality pumps for residential, commercial, and industrial use.

In today's world, water scarcity and conservation have become pressing concerns. Efficient pumping systems play a crucial role in managing water resources, reducing energy consumption, and minimizing waste.

The extensive range of pumps caters to various applications, including:

- Residential: water supply, pressure boosting, and wastewater management.
- Commercial: HVAC, plumbing, and water treatment.
- Industrial: process water, wastewater treatment, and chemical processing.



At AQUALITY Intelligent Solutions, we're committed to delivering exceptional pumping solutions that meet the highest standards of quality, efficiency, and reliability.

## POOL FILTRATION

Regular testing of pool water, including PH and chlorine levels, disinfection to eliminate contagious bacteria, swimmer cleanliness to reduce the entry of contaminants, and a water filter to remove pollutants are all examples of filtration techniques.



Your pool's water quality can be improved using AQUALITY's pool filtration system. A cleaner pool results from the filter's ability to exclude smaller particles or trash. The most delightful aspect of your home is less likely to be overtaken by the dreaded algae bloom if your pool is cleaner.

You may reuse water for more than a year with our specially designed chemical-free solutions, which lowers operating and maintenance expenses.

## PENTAIR FOOD SERVICE

### Water Treatment & Beverage Dispensing Solutions for the Global Foodservice Industry



Water is an essential ingredient in nearly every aspect of foodservice. Whether it's the clarity and purity of ice, the flavor consistency of coffee and tea, or the carbonation and taste of fountain beverages, the quality of water directly

Impacts the customer experience. In kitchens, prep areas, and beverage stations alike, clean, properly treated water is fundamental to delivering high standards of service and product excellence.

From the first sip of a cold drink to the final rinse of a dish, water plays a vital role in maintaining operational efficiency, food safety, and customer satisfaction. Impurities, off-tastes, or inconsistencies in water quality can compromise not only the flavor and appearance of beverages and food, but also the performance and longevity of critical equipment. Filters and treatment systems help reduce contaminants such as chlorine, sediment, and minerals, ensuring every element from ice to espresso meets the expectations of both chefs and customers. In an industry where reputation and consistency are everything, having reliable, high-quality water is more than just a necessity — it's a competitive advantage. That's why leading foodservice providers trust advanced water filtration and treatment systems to support their daily operations and uphold their brand standards across every location.

Our trusted brands, EVERPURE® and SHURFLO®, are at the core of our water and beverage solutions. The Pentair Everpure® water treatment and filtration systems are known for their industry-leading performance, protecting valuable equipment from scale and sediment while enhancing the taste and safety of the water that goes into every drink and dish. Everpure systems are widely recognized and specified by major foodservice operations, coffee brands, and beverage franchises around the world.



Complementing our water treatment technologies, SHURFLO® beverage pumps and accessories are engineered for reliability, efficiency, and durability. Since 1968, SHURFLO has built a reputation for innovation in fluid handling systems. Today, these high-performance pumps are trusted across multiple industries, including foodservice, marine, recreational vehicles, and industrial applications. They are especially integral in beverage dispensing systems where consistent flow and pressure are critical to product quality and customer satisfaction.

## PENTAIR FOOD SERVICE

We provide water treatment and beverage dispensing systems for the global restaurant sector. Our key brands include SHURFLO beverage pumps and accessories, as well as EVERPURE water treatment and filtration systems. Water plays a crucial role in food service, with ice, coffee, tea, fountain drinks, and soups all relying heavily on water quality. Pentair Everpure® systems ensure the highest standards of water filtration, while SHURFLO® pumps have been synonymous with innovation and reliability since 1968, serving a wide range of industries, from food service to marine and industrial markets.



### Everpure filtration's advantages include:

1. The top quality ice available
2. Reduced maintenance expenses, decreased equipment downtime, and decreased overall cost of ownership
3. With the drop-in cartridge, the quick change feature removes the need for sanitization.
4. A single cartridge that reduces turbidity, asbestos, bacteria statics, taste and odor, chlorine, and 1/2 micron particulate reduction mechanically!
5. Mechanically reducing harmful cysts
6. Superior, long-lasting, and aesthetically pleasing aluminum structure.
7. NSF 42 and NSF53 Certified

### Where We Use?

- Coffee
- Espresso
- Iced tea
- Boiler less steam
- Boiler steam Chlorine
- Taste & odor
- Scale reduction
- Particulate
- Total dissolved solid
- Mineral blending
- Bacteriostatic
- CVST reduction.



For more information of our products visit:

Coffee & tea  
Cool drinks Ice  
filtration Pumps  
Steam filtration  
Warewashing  
Water softening

## KITCHEN EQUIPMENT SOFTENING & FILTRATION SYSTEMS

### COFFEE | ESPRESSO | TEA



QC7I Single-MH<sup>2</sup>  
EV927241+EV961321



7CM Mineral Cartridge  
EV9627-85



Claris Filtration Systems  
EV433990+ EV433911

### ICE



Insurice Single with PF  
EV932421

### STEAM FILTRATION



Kleensteam CT System  
EV9797-50

### OZONATOR



Nature Wash  
CD2121

### SCALE | DELIMING | WAREWASHING



SRX Feeder  
EV9798-45 SS-IMF  
Cartridge: EV9799-32



Kleenware HTS-11 System:  
EV9799-11 HT-10 Replacement  
Cartridge: EV9799-22

### DRINKING WATER SYSTEM

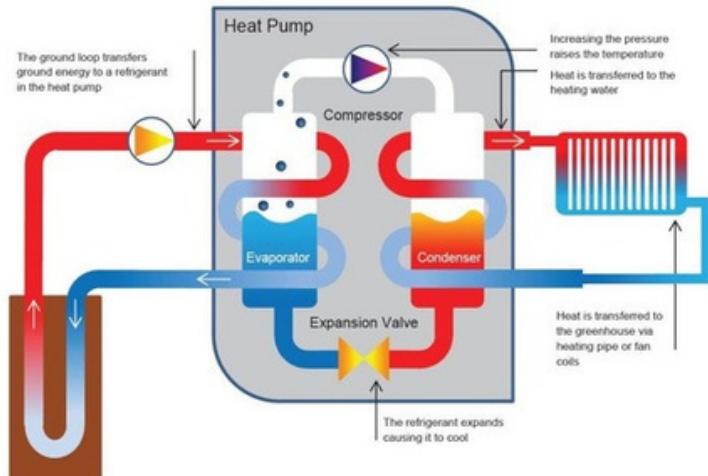


4FC System  
EV927241 + EV969221

## HEAT PUMPS

We recognize the growing need for sustainable, energy-efficient climate control systems. Our advanced heat pump solutions are designed to provide heating for residential, commercial, and industrial applications, offering a cost-effective and eco-friendly alternative to traditional heating and cooling methods.

**The Importance of Energy-Efficient Heating**  
 In a world increasingly focused on reducing carbon footprints and energy consumption, heat pumps play a vital role in creating more sustainable living and working environments. By efficiently transferring heat rather than generating it, heat pumps significantly lower energy usage and reduce greenhouse gas emissions. They provide an ideal solution for improving indoor comfort while minimizing environmental impact.



We offer a wide variety of heat pump systems tailored to meet the specific needs of our clients:

**Residential:** Energy-efficient heating for homes, providing year-round comfort while reducing energy bills.

**Commercial:** Advanced climate control systems for office buildings, retail spaces, and hospitality settings, ensuring a comfortable environment with minimal energy waste.

**Industrial:** High-performance heat pumps for industrial applications, including process heating, temperature regulation, and energy recovery systems.

### Benefits

- Reduces heating expenses by up to 75%
- The longest lifespan of a product
- Lower emissions of carbon
- Silent operating
- Minimum upkeep expenses

### Common Applications

- Hotels
- Resorts
- Serviced Apartments
- Hospitals
- Hostels (School & College)
- Restaurants & Kitchens
- Manufacturing Facilities

**Brands**  
 **Jaguar**  **AO Smith**  
Innovation has a name.



At AQUALITY Intelligent Solutions, we are dedicated to delivering cutting-edge heat pump technology that not only enhances comfort but also supports sustainability goals. With our high-quality, reliable heat pumps, we help our clients reduce their energy consumption, save costs, and contribute to a greener future.

## AIR PURIFIER

In today's world, the air we breathe is increasingly compromised. Pollution from industrial activities, vehicular emissions, construction, and natural disasters has contaminated the air, posing serious health risks. The consequences of breathing polluted air range from mild discomfort to severe respiratory diseases, affecting people of all ages.

### The Alarming Reality of Air Pollution

9 out of 10 people worldwide breathe polluted air (WHO)

Air pollution is responsible for 7 million premature deaths annually (WHO)  
Indoor air can be 2-5 times more polluted than outdoor air

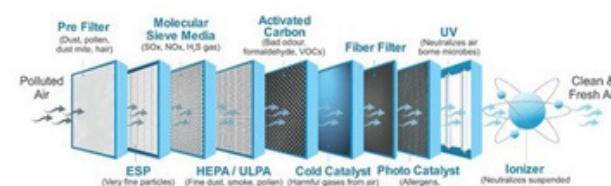


BETA 350

At AQUALITY Intelligent Solutions, we understand the importance of clean air for a healthy life. Our company specializes in providing top-quality air purifiers designed for residential, commercial, and industrial use. Our air purifiers are engineered to capture pollutants, allergens, and bacteria, ensuring the air you breathe is fresh, clean, and healthy.

- Advanced Filtration Technology:** Air purifiers utilize HEPA filters, activated carbon, and other cutting-edge technologies to remove 99.97% of particles as small as 0.3 microns.
- Energy Efficiency:** Air purifiers are designed to be energy-efficient, reducing your carbon footprint while providing a healthier environment.
- Expert Support:** Our dedicated team provides exceptional customer service, ensuring you receive the best solution for your air purification needs.

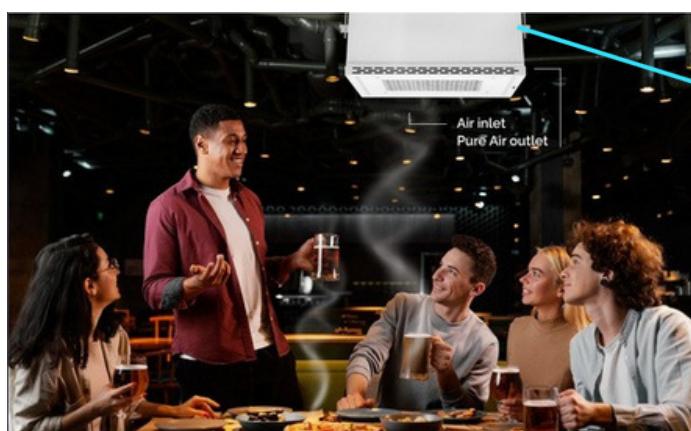
### iCLUSTER™ Technology



Efficiently purifies toxic air pollutants (formaldehyde, benzene, ammonia, VOC, etc.), removes odours, dust, bacteria, viruses, mold, chemical fumes, smoke and other contaminants.



Breathe Easy with AQUALITY Intelligent Solutions  
Take the first step towards a breath of fresh air.



## OUR SERVICES

**Aquality offers the most definitive ERP enabled service delivery for all its clients**

- State of the art ERP based management of field services
- Customized Client Reporting
- Centralized monitoring of services (GPS based)
- Automated Feedback and follow-ups
- Intelligent Spares and consumables management in AMC's
- Adaptive platform for Preventive and emergency maintenance activities
- Single point communication for all service related activities

### Services Offered

A comprehensive service package which includes installation, Up gradation, preventive/emergency maintenance and supply of spares/consumables enables our client to have a preference

### Services available for Residential, Commercial, Institutional and Industrial Clients

- Annual Maintenance Contracts (AMC's)
- On Call Service
- System audit and optimization
- Up-gradation and retrofitting
- Overhaul and Cleaning
- Descaling and bio fouling removal in WTP's
- Other ancillary services



Ph No: +91 88850 88486  
Mail id: service@aquality.in



## TRUSTED BY

### Our Clients



### Our Partners



\*All logos and trademarks are property of respective owners



AQUALITY INTELLIGENT SOLUTIONS PVT LTD