



**ASTRADA**<sup>TM</sup>  
An ASTALON ECO Brand



**WE PUT  
ULTRA  
BACK INTO**

# ULTRA FILTRATION

**“IT IS OUR JOB  
TO MAKE EVERY IMPORTANT  
ASPECT OF CUSTOMER  
EXPERIENCE BETTER,  
WE MAKE A CUSTOMER,  
NOT A SALE”**

We are **ASTALON ECO**



**ANTIOXIDANT ALKALINE WATER FILTRATION SYSTEM “FILTERED TO PERFECTION”**



**ASTALON ECO**

## About Us

At **ASTALON ECO** we accompany the path of innovation which is followed by decades of proven performance by keeping our customer first and working on Engineering ideas to provide best solutions, making lives better.

**ASTALON ECO Engineering PVT LTD** is a part of **PEEYEM Industries** which was established in 1997 and serving its customers for the last two decades.

**Our Genetic Code** is to be Eco-friendly, innovative, sustainable and distinctive. We're minds and makers with business sense and creative chops set out to connect people, with what matters most – THE EXPERIENCE.

**In Pursuit Of** staying true to our core beliefs and deliver an exceptional experience for our community and customers.

**Our Solemn Pledge** to ensure satisfaction of customers, actively nurturing our vision through the delivery of sustainable services at a phenomenal level of reliability, efficiency and safety.

**ASTRADA** is an **ASTALON ECO** brand and is the undisputed leader in providing pure drinking water and associated products because of its reliability, quality assurance and accountability.

**AVALON Middle East FZC** is the Middle East office of **ASTALON ECO**.

At **ASTALON ECO**, we always believe in giving back to the community and help those in need and contribute to the common good. Social responsibility is our priority and we make sure we pursue it far and wide, no matter when.



# Your Health Your Decision



*Most important substance in the world  
Most essential component in our body*

- BEST FOR IMMUNE SYSTEM
- INCREASE BLOOD CIRCULATION
- IMPROVES DIGESTION
- IMPROVES OUR SKIN
- DETOXIFIES & ENERGIZES OUR BODY
- KEEP OUR KIDNEY HEALTHIER

## DRINKING WATER

**Live Strong, Live Long, Live Happy**

# ALKALINE

- DRINKING ALKALINE WATER CAN BE BENEFICIAL IN TERMS OF RIDDING YOUR BODY OF TOXIC WASTES AND EXCESS ACID.
- ALKALINE WATER IS A POWERFUL ANTIOXIDANT WITH SURPLUS ELECTRONS THAT CAN REDUCE THE DANGEROUS FREE RADICALS IN YOUR BODY.
- ALKALINE WATER CAN CORRECT EXCESS ACIDITY IN YOUR TISSUES / PREVENT MANY DEGENERATIVE DISEASES

*Significantly helps your body in*

- WEIGHT LOSS
- REJUVENATES THE SKIN
- LUBRICATES MUSCLES, JOINTS AND PROTECTS BONES
- NEUTRALIZE ACID IN THE BLOODSTREAM
- INCREASE OXYGEN LEVELS
- IMPROVED ENERGY AND METABOLISM
- ANTI-AGING AND ANTI-DISEASE
- SUPPORT THE IMMUNE SYSTEM
- ACHIEVES BETTER OVERALL HEALTH

*Showering in Filtered Water / Soft Water results in*

- GREATER RESPIRATORY HEALTH BY REDUCING THE RISK OF ASTHMA AND BRONCHITIS
- RESULTS IN HIGHER ENERGY LEVELS AND OVERALL BETTER HEALTH
- RESULTS IN BETTER AIR QUALITY THROUGHOUT THE HOUSE
- REDUCES THE OCCURANCE OF SKIN RASHES AND THE APPEARANCE OF WRINKLES
- REDUCES HAIR FALL AND ASSISTS IN EFFICIENT AND HEALTHY HAIR GROWTH

**WHY  
USE**  
*Filtered*  
**WATER**  
*daily*

## ASTRADA Classic Series



**RADA 010**

### RO+UF+Alkaline+TM In ASTRADA Classic Design

- 6 stage Filtration • 10L storage tank • Flowrate upto 15 Lph
- Comes with high precision TDS Modulator
- Antioxidant Alkaline filter correcting PH and lowering ORP
- Comes with high quality semi permeable membrane (UF)



**RADA 020**

### RO+UF+Mineralizer+TM In ASTRADA Classic Design

- 6 stage Filtration • 10L storage tank • Flowrate upto 15 Lph
- Comes with high quality semi permeable membrane (UF)
- Comes with high precision TDS Modulator
- Comes with high quality mineral booster Mineralizer



**RADA 030**

### RO+UF+UV+TM In ASTRADA Classic Design

- 6 stage Filtration • 10L storage tank • Flowrate upto 15 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with high quality semi permeable membrane (UF)
- Comes with high precision TDS Modulator



**RADA 040**

### UV+UF In ASTRADA Classic Design

- 5 stage Filtration • 10L storage tank • Flowrate upto 75 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with high quality and reliable Post Carbon Filter
- Comes with high quality semi permeable membrane (UF)



# DRINKING WATER SOLUTIONS FOR HOUSES, APARTMENTS & OFFICES

Savor Ultra Fresh, Pure, Remarkably great tasting Water.



## ASTRADA Elegant Series



**RADA 110**

### RO+UV+Alkaline+TM In ASTRADA Elegant Design

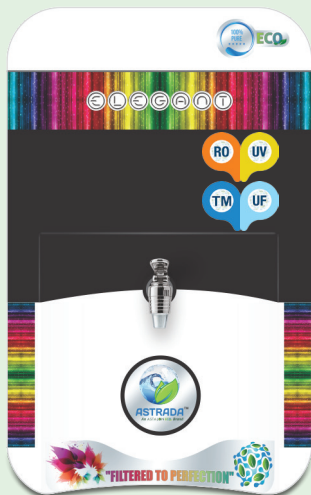
- 6 stage Filtration • 10L storage tank • Flowrate upto 15 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with high precision TDS Modulator
- Antioxidant Alkaline filter correcting PH and lowering ORP
- Comes with easy to clean Detachable tank



**RADA 120**

### RO+UV+Mineralizer+TM In ASTRADA Elegant Design

- 6 stage Filtration • 10L storage tank • Flowrate upto 15 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with high precision TDS Modulator
- Comes with high quality mineral booster Mineralizer
- Comes with easy to clean Detachable tank



**RADA 130**

### RO+UV+UF+TM In ASTRADA Elegant Design

- 6 stage Filtration • 10L storage tank • Flowrate upto 15 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with high quality semi permeable membrane (UF)
- Comes with high precision TDS Modulator
- Comes with easy to clean Detachable tank



**RADA 140**

### UV+UF In ASTRADA Elegant Design

- 5 stage Filtration • 10L storage tank • Flowrate upto 75 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with high quality and reliable Post Carbon Filter
- Comes with high quality semi permeable membrane (UF)
- Comes with easy to clean Detachable tank



# DRINKING WATER SOLUTIONS FOR HOUSES, APARTMENTS & OFFICES

Savor Ultra Fresh, Pure, Remarkably great tasting Water.

BE ALKALINE  
\*\*\*\*\*

100% PURE  
\*\*\*\*\*

ECO

## ASTRADA Galaxy Series



**RADA 210**

### RO+UF+Alkaline+UV+TM In ASTRADA Galaxy Design

- 7 stage Filtration • 12L storage tank • Flowrate upto 15 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with highquality semi permeable membrane (UF)
- Antioxidant Alkaline filter correcting PH and lowering ORP
- Comes with high precision TDS Modulator



**RADA 220**

### RO+UV+UF+TM In ASTRADA Galaxy Design

- 6 stage Filtration • 12L storage tank • Flowrate upto 15 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with highquality semi permeable membrane (UF)
- Comes with high precision TDS Modulator
- Comes with Detachable tank Engineered to Perfection



**RADA 230**

### UV+UF+Alkaline In ASTRADA Galaxy Design

- 6 stge Filtration • 12L storage tank • Flowrate upto 75 Lph
- Comes with high quality semi permeable membrane (UF)
- Antioxidant Alkaline filter correcting PH and lowering ORP
- Comes with Philips ultraviolet Germicidal lamp
- Comes with Detachable tank Engineered to Perfection



**RADA 240**

### UV+UF In ASTRADA Galaxy Design

- 5 stage Filtration • 12L storage tank • Flowrate upto 75 Lph
- Comes with Philips ultraviolet Germicidal lamp
- Comes with high quality and reliable Post Carbon Filter
- Comes with high quality semi permeable membrane (UF)
- Comes with Detachable tank Engineered to Perfection

# ASTRADA

## Purification Stages

**ASTRADA THROUGH ITS ADVANCED ENGINEERING AND TECHNOLOGY MEDIA AND VARIOUS STAGES DELIVERS FILTRATION SYSTEM TO ENSURE THE HIGH QUALITY OF DRINKING WATER TO THE CONSUMERS.**



**Pre Sediment Filter:** This is considered as the initial stage of the filtration system. The source water is passed through these filters to remove mud and significant visual impurities present in the water.



**Ultra filtration:** This process acts like a barrier for microscopic impurities and small organisms like pollen, algae, bacteria, viruses, germs and organic molecules. This form of microfiltration has a pore size of 0.1 micron.



**Sediment Filter:** Sediment filter removes fine dust particles, suspended solids such as rust, sand and algae. Sediment filter consists of 5 microns filter which retain most of the visually suspended impurities and particles from the water.



**Mineral Filters:** The clear water passes through natural organic material which mineralizes and revitalizes the water by the addition of minerals that are very essential for the health such as Mg, Ca, Na, K and other minerals that are readily found in many natural mineral waters.



**Activated Carbon filter:** Activated Carbon filter is installed in order to trap contaminants such as pesticides, insecticides, chemicals, bad taste & odour, chlorine, its derivatives, PCB's, lead, heavy metals, volatile organic compounds and other harmful substances from water.



**Anti Oxidant Alkaline Filters:** At this stage the alkaline filters transforms the mildly acidic contents in the water and regulates the PH into a perfect natural alkaline to have a PH level greater than 8.0 to 8.5, improving both the taste of water and giving it a much softer texture. Alkaline water Boosts Energy and Hydration levels and removes harmful free radicals that cause various discomforts to human body. It increases the oxygen in your drinking water.



**Carbon Block filter:** At this stage water passes through natural shell based carbon, which neutralizes chlorine to protect the membrane which will be used in the next stage.



**Post Carbon Filters:** Post carbon Filters efficiently removes any possible left over residual tastes and odour from the filtered Water before the filtered Water reaches the point of use.



**RO Water Filtration System:** At the heart of the system consists of the reverse osmosis membrane that works on water purification technology which makes use of a semi permeable membrane that removes wide spectrum of contaminants, undesirable and potential unhealthy items such as salts, organic compounds, micro organisms, pharmaceuticals, nitrates, volatile organic chemicals (VOC's) including ions and metals. The membrane or semi permeable barrier allows some molecules like water through but other molecules like the majority of salts are unable to easily pass through this membrane.



**UV Water Filtration:** Ultraviolet water purification is the most effective method for disinfecting 99.9% of water borne bacteria and viruses from the water. Ultraviolet (UV) rays penetrate harmful pathogens and destroy illness-causing microorganisms by attacking their genetic core (DNA) and preventing them from reproducing and safeguarding against contamination of your water supply.

Note: ASTRADA configures various stages described above in most Effective, Reliable and Feasible way suiting the requirement of the Customer based on Supply Water Quality. ASTRADA Water purifiers are designed with care and precision to meet distinct requirements of people and communities in different Countries all around the Globe.



## DRINKING WATER SOLUTIONS FOR HOUSES, APARTMENTS & OFFICES

Savor Ultra Fresh, Pure, Remarkably great tasting Water.



### ASTRADA Beneath the Sink Series

**RADA 400**

RO+Taste Enhancer+Alkaline+ UV In ASTRADA Beneath the Sink Series



- High quality Beneath the Sink Design.
- 8 Stage water purification system.
- Comes with **BIOCERA** - Antioxidant Alkaline Filter.
- UV sterilization with Philips ultraviolet Germicidal lamp.
- In build high efficiency ASTRADA pump.
- Comes with FILMTEC™ USA RO Membrane.
- Require low maintenance.

### FAQ

**Q. What is Antioxidant Alkaline drinking water?**

A. Ionized or alkaline antioxidant water is a carbonated type of mineral water. Pure alkaline antioxidant water has properties of most natural drinking water on earth which are normally found on high mountains. It greatly hydrates your body by giving the best ability to absorb nutrients and eliminate toxins.

**Q. What does Alkaline water do for our body?**

A. Alkaline gets rid of the acid wastes produced by the body. These wastes enter your body from various food and beverages you consume. It also helps to eliminate other harmful toxins from your body which will have impact on your health in long run. Alkaline makes your body more immune and helps in cleansing your internal organs.

**Q. How maintaining the pH level help in maintaining a healthy life?**

A. Alkaline antioxidant water helps body to maintain the desired pH level. PH level gauges the acid and alkaline in your body. The main reason of quick fatigue is because of irregular pH level in one's body. Wrong pH in the body also leads to weight gain. Too much acid can create unsettled stomach and heartburn. By consuming Alkaline antioxidant water, pH level is set at the desired level and you will be also protected against the above issues too.

**Q. How can one increase the Alkalinity of Water?**

A. The most common method is by using home water distillers, purifiers or ionizers which will provide us water to a certain degree of alkalinity. To have more alkaline water you can either squeeze lime into water, use alkalizing pH boosting supplement to the water

Or by using **ASTRADA** Antioxidant Alkaline drinking water purifiers which are designed and engineered to make people's lives better.



## ASTRADA Mammoth Series

- Complete Filtration including Multimedia Filters.
- Solutions with UV Protection, Alkaline & Ultra Filtration Technology.
- Comes with High Quality RO Membrane.
- Designed for any water source.
- Highly Engineered, Rigid & Corrossion resistant frames.
- Require low maintenance.



**RADA 25XS** 25 Lph - RO+Mineralizer\*+UV\*

**RADA 50XS** 50 Lph - RO+Mineralizer\*+UV\*

**RADA 100XS** 100 Lph - RO+Mineralizer\*+UV\*

**RADA 150XS** 150 Lph - RO+Mineralizer\*+UV\*

## FAQ

### Q. My water taste bad? What may be the cause and can it be corrected?

**A.** If you want to treat the drinking and cooking water at your sink with a POU (point of use) system, a reverse osmosis system is a great option. Reverse Osmosis can remove lead, iron, fluoride, nitrates and dozens of other contaminants. In addition, an RO system can greatly improve the taste and the quality of your water by removing chlorine and other offensive tastes.

If you elect to treat the whole house, a system that is installed at the point where the water enters the home POE (point of entry) system, then your first step is to identify what is causing the problem (have a water analysis done). Once you have identified what is causing the taste problem you can then research what type of water treatment equipment is designed to address your specific needs.

### Q. What is a reverse osmosis system?

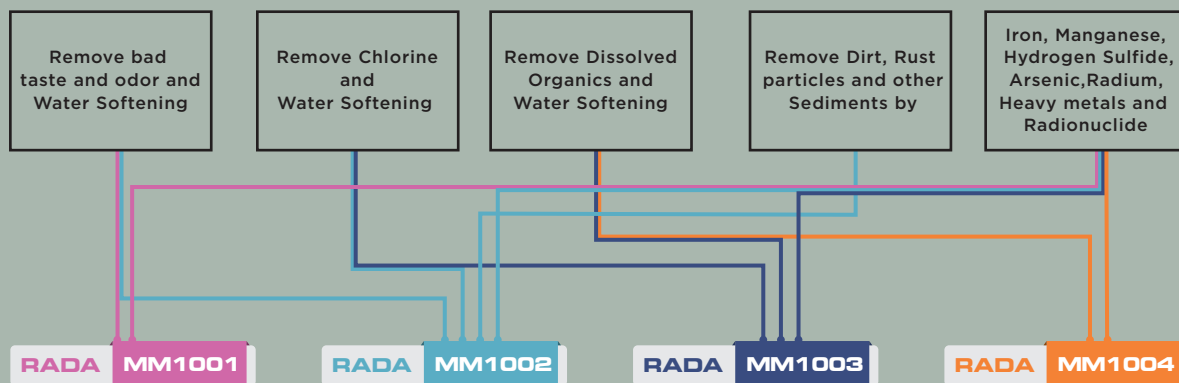
**A.** Reverse osmosis systems produce pure water by forcing untreated water or tap water through a semi-permeable membrane. The membrane lets only water molecules pass through directing it to the units storage tank, the impurities that are separated from the water molecules are forced down the drain. The system consists of both pre and post filters which add additional contaminant removal.

### Q. What is an ultraviolet system? How does it work?

**A.** An ultraviolet (UV) system uses UV to inactivate certain bacteria, viruses, and cysts that may be present in the water source that flows through the systems UV chamber. The effectiveness of UV depends upon the dose of disinfectant received by the organism, which is the combination of UV intensity times the contact time involved. It is advisable to always pre-treat the water entering the UV system.

## ASTRADA Multimedia Series

Astrada specializes in Designing, Engineering, Supply and Installation of various Multimedia Filtration systems and Water softeners based on the customer requirement and also the water study and analysis in your specific area. We have systems designed to



## MULTIMEDIA FILTRATION & WATER SOFTENING is

- ✔ Most effective way to reduce harmful exposure to chlorine and other chemicals.
- ✔ Keeps your crockeries and utensils spotless, shinier and clean
- ✔ Will keep your flooring (Marble, Granite or Tiles) Ever shining and make it always stay as new.
- ✔ Will keep your valuable bathroom assets always white as new.
- ✔ Will keep your whole home internal pipes and fittings free from scaling and clean as new.
- ✔ Will increase the life span of whole house faucets and other piping accessories.
- ✔ Reduce consumption of detergent, shampoo, soap etc
- ✔ Multimedia Filtered water reduces the chances of legionella growth.



*"Care must be taken when considering iron removal advice from different regions of the country as water temperature, pH, alkalinity, dissolved oxygen content and other factors will affect the actual results. Most application failures are caused simply by not selecting the right equipment for the water conditions present. It is important to follow manufacturer's guidelines regarding flow rates, backwash rates, pH levels, maximum iron input levels, water temperatures and any other applicable limitations that the manufacturer has noted in order for the equipment and media to deliver their best result as designed."*

## ASTRADA Industrial Series

Astrada Provides quality Engineering, Service, Installation & Commissioning of highly customized & configured RO Plants/ Resin Ion Exchange system for Industrial requirements ( Both Govt & Pvt) where there is higher consumption of pure water daily. At ASTALON ECO we do Water analysis and recommend the most Effective, Feasible & Economical solution for any situation and determine Resin Ion Exchange system or Reverse Osmosis works best for the subject

- Complete Filtration including Multimedia Filters.
- Highly Engineered Antiscalant system for maximising membrane life.
- Special fabricated Stainless Steel skid.
- Complete solution with high end filters and materials.
- Designed to international standards.
- Provides free water test, analysis for providing the best solution required for you.
- AMC Contracts taken by ASTALON ECO/ASTALON ECO authorized distributors providing best service and support.

**RADA 200XS-X**

200Lph to 500 Lph-RADA MM+RO+Mineralizer+UV

**RADA 500XS-X**

500Lph to 700 Lph-RADA MM+RO+Mineralizer+UV

**RADA 1000XS-X**

1000Lph to 2000Lph-RADA MM+RO+Mineralizer+UV





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An ASTALON ECO Brand



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