AMANDA GROUP



Reverse Osmosis Water Treatment Catalog



ABOUT US

Amanda group is a complete water treatment solutions provider for residential, commercial and industrial applications. Founded in 2001, We have multiple well-established partners worldwide and clients in over 30 countries using our services to provide innovative and efficient pure water solutions. Engineering design emphasises low lifecycle cost with high quality standards and responsive service support.

Our years of hands-on experience enable us to provide innovative and cost effective purified water solutions. We pride ourselves on providing clients with the lowest lifecycle costs, the highest quality and the most responsive service in the water treatment industry. We have products, technologies, experiences and knowledges to support your needs. Our attention to detail has made Amanda Group as a leading manufacturer and distributor in this industry.

PARTNER

DOW®

润新® RUNXIN

CNP

Purolite®

WHAT WE DO

Amanda group provides a complete offering of products to address all water treatment applications from point of entry (POE) to point of use (POU). Amanda uses a variety of water purification technologies including:





- Reverse osmosis, Ultra-filtration and Nano-filtration
- Media filtration, water softening and chemical dosing
- Electro-deionisation and resin based ion exchange
- UV and Ozone sanitation systems





At Amanda Group, we offer extensive technical and customer support. From applications engineering to technical on-site troubleshooting, when you purchase Amanda products, you can trust that we are just a phone call.

OUR ADVANTAGE

Global Sourcing

As a designer, manufacturer and supplier of water and wastewater treatment systems and services worldwide, we have developed a global sourcing network that can deliver maximum value through the elimination of non-value-added expense.

Flexible OEM/ODM Service

We believe that standard products are not always able to meet our customer's demands. To best service those needs, Amanda has an extensive OEM/ODM service where you can access our custom design service and see the project through to production with the help of our specialised team.

Quality

Amanda use only the best available components in all our systems to ensure long operating life and reliability. Wherever possible we use globally supported components in industry standard formats to give maximum choice of using new developments in membrane and filtration technologies as they become available. We have developed a specialised surface modified reverse osmosis membrane for groundwater treatment as part of our ongoing development process and continue our research to improve all Amanda systems to give you the best possible solution.

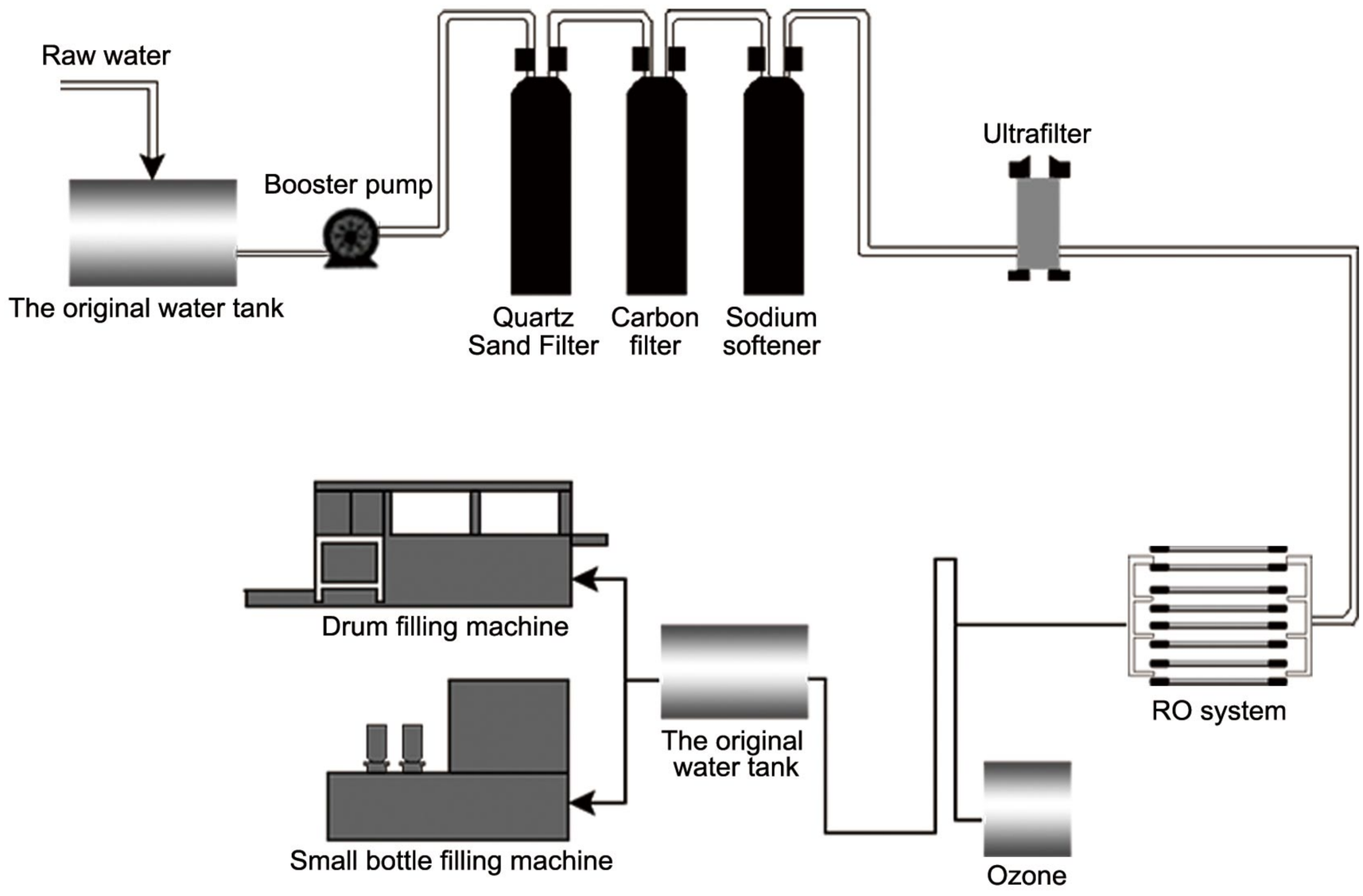
Design

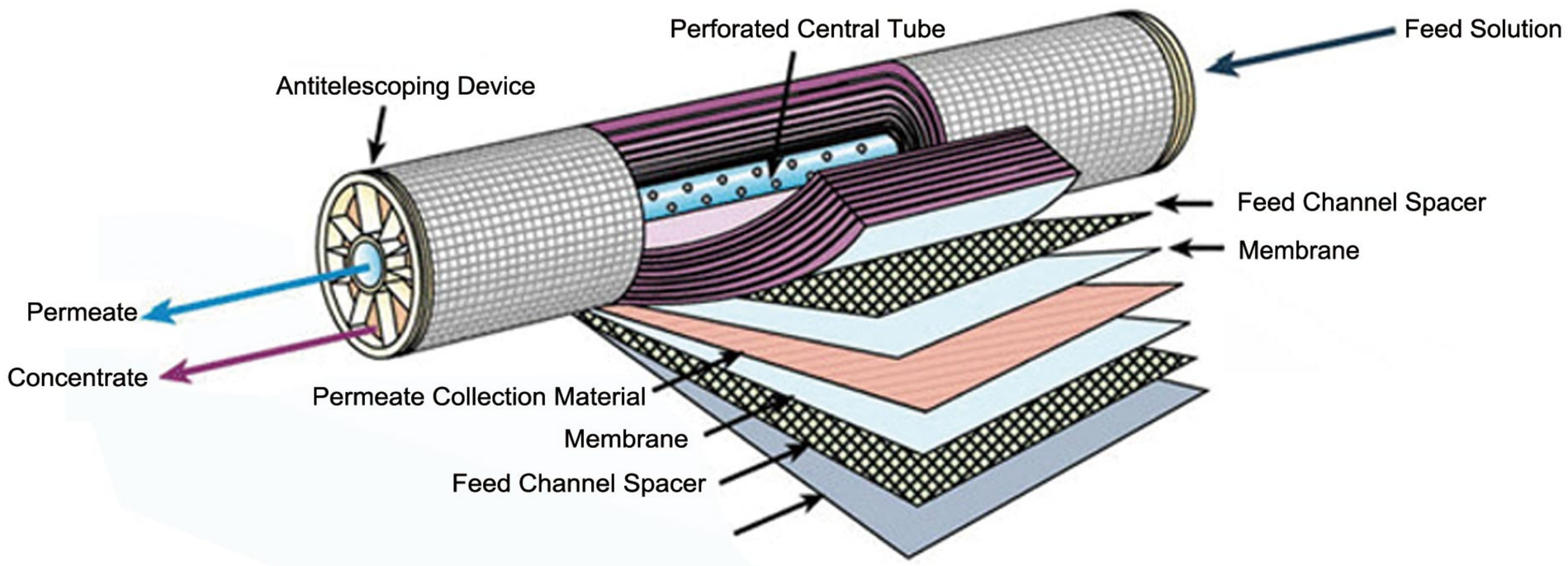
Amanda group water treatment systems are designed with a minimal footprint to ease installation space. Systems are fully engineered with corrosion resistant stainless steel frames, high pressure rigid pipework, stainless steel braided flexible hose and high pressure membrane pressure vessels.

Efficiency

Amanda group reverse osmosis systems provide the highest efficiency possible for conversion rates and power consumption. Larger systems may be fitted with variable speed controllers for the high pressure pump to reduce energy consumption.

Reverse Osmosis-How Does It Work





Industry Applications

Agriculture / Automotive / Education and Institutions / Energy and Power / Entertainment and leisure / Food and Beverage / Government / Healthcare and Medical / Life Sciences / Marine / Microelectronics / Mining and Hydrometallurgy / Oil and Gas / Textile Manufacturing

125-20,000Liters/Hour Reverse Osmosis Systems



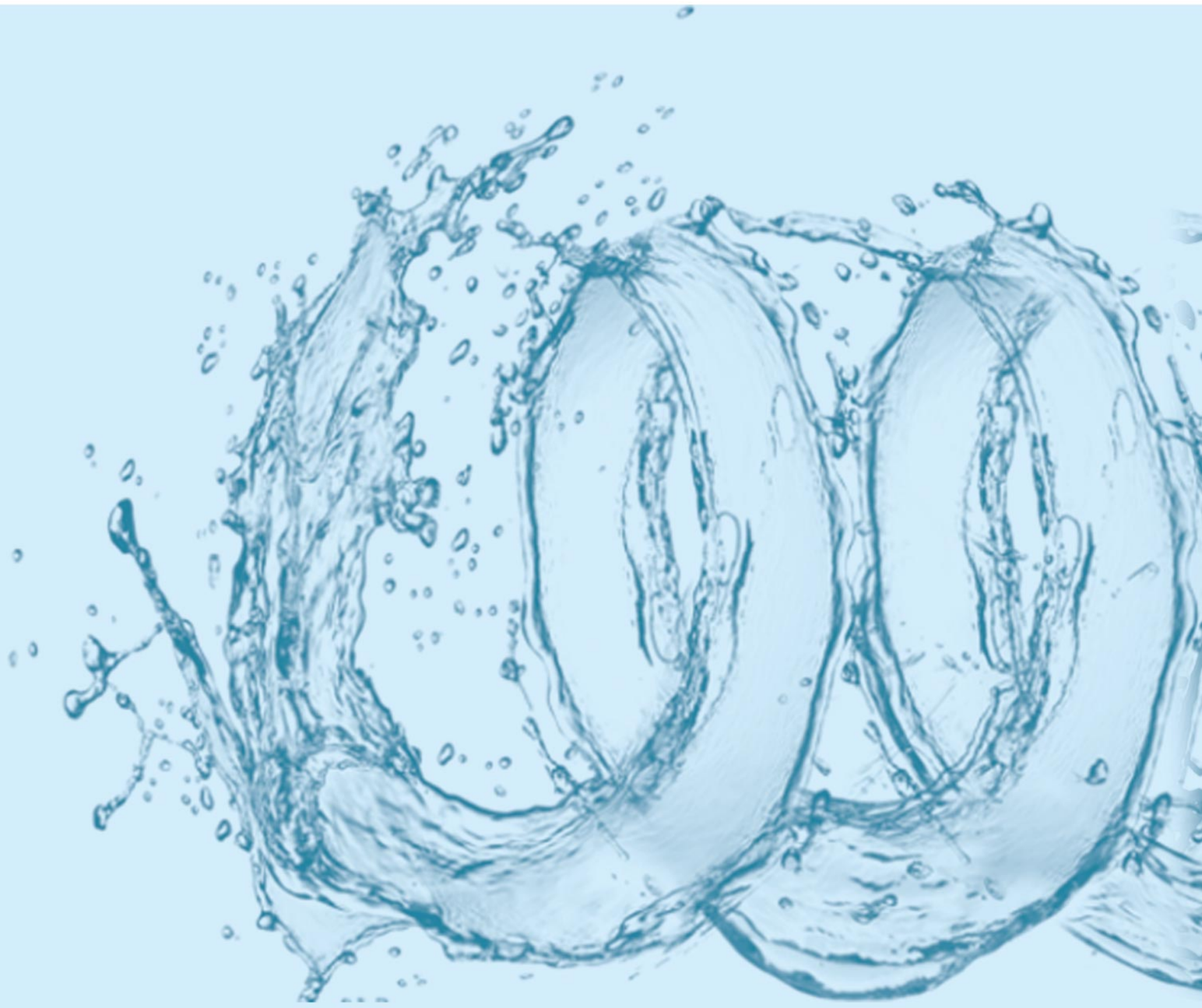
Commercial & industrial Reverse Osmosis Systems

We manufacture high performing reverse osmosis systems that make use of high efficiency membranes. These osmosis systems act as molecular filters for any dissolved impurities like mineral, organic and inorganic particles. It also helps in the removal of microbial matter like bacterial sports and viruses, which cannot be removed by any ion exchange technique.

Maintenance costs of the system are lower and minimal usage of chemicals makes it more eco friendly. These types of reverse osmosis systems are highly preferred than the ion exchange systems as these utilize electrical energy in place of chemicals.



Model	Capability (T/H)	Operation(MPa)	Membrane(Inch)	Membrane(Qty)	Power(KW)
AMDRO-125L	0.125	1.0-1.4	4021	1	1.1
AMDRO-250L	0.25	1.0-1.4	4040	1	1.1
AMDRO-500L	0.5	1.0-1.4	4040	2	1.5
AMDRO-750L	0.75	1.0-1.4	4040	3	2.2
AMDRO-1000L	1	1.0-1.4	4040	4	2.2
AMDRO-1500L	1.5	1.0-1.4	4040	6	3
AMDRO-2000L	2	1.0-1.4	4040	8	3
AMDRO-3000L	3	1.0-1.4	4040	12	4
AMDRO-5000L	5	1.0-1.4	8040	5	5.5
AMDRO-10000L	10	1.0-1.4	8040	10	11
AMDRO-15000L	15	1.0-1.4	8040	15	15
AMDRO-20000L	20	1.0-1.4	8040	20	18.5



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