



**The Clear Choice**  
Water Filtration Systems

[www.aquafilter.com](http://www.aquafilter.com)

# RX-AFRO3-AQ

**3 Stage Reverse Osmosis System  
for Aquarium**



Made in EU



## General Description:

**AQUAFILTER RX-AFR3-AQ** is a new type of aquarium filters. Water after RO system has decreased pH. It is an excellent source to prepare appropriate conditions for aquatic organisms.

System is equipped with two pre-filtration stages. The first is an in-line cartridge containing activated carbon. It effectively removes chlorine and organic substances. The second is sediment cartridge which removes sediments such as sand, silt, rust, etc.

The main filtration takes place on RO membrane, which removes 96-99% of all impurities from water. Wastewater is being poured to drain.

The aquarium filter is offered in set with filter cartridges, RO membrane, additional accessories and valves preventing the membrane from being dried.

\*pH of water after RO system depends on source water

## Features:

- High quality
- Competitive Pricing
- Three Stages of Filtration
- Hand Built & Factory Tested
- Ideal for aquariums
- High efficiency
- Provides excellent water quality
- Easy Maintenance
- Easy to install with System Specifications
- Made in EU





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## 3 Stage Reverse Osmosis System for Aquarium



### Specifications:

Connection adapter: 1/2"  
Working Temp.: 2°C - 45°C (35° F - 113° F)  
Operating Pressure: Max. 6.0 bar (90 psi) Min. 2.8 bar (40 psi)  
Typical Rejection Rate: 98% TDS (Total Dissolved Solids)  
pH Parameters: Maximum 11 Minimum 2  
Iron: Maximum 0.2 ppm  
TDS (Total Dissolved Solids) < 1800 ppm  
Turbidity < 5 NTU

### The package contains:

- The RX-AFRO3-AQ comes complete with the following cartridges:
  - AICRO, AIPRO
  - RO membrane element type: TFC-75F Manufactured by Filmtec™ for Aquafilter
  - Automatic Shut-off Valve, Mini Flow Restrictor,
- Feed water connector: 1/2"
- Drain Saddle Valve, Filter housing wrench
- 1/4 inch Tubing for System Connection
- System built with quick type fittings
- Completely Assembled
- Manual instructions
- Color box
- 100% Factory Tested and Sterilized Ready for Installation

CATALOG#	STAGE	COMPONENT	FUNCTION
AICRO	1	In-line Coconut Shell Carbon Cartridge (Pre-Filter) Activated carbon	In-line Coconut Carbon filter is used to reduce chlorine, color, and other organic impurities
AIPRO	2	In-Line Sediment Cartridge (Pre-Filter) Spun-bounded polypropylene	10 micron sediment filter traps dirt, sediment, rust and other particulate matter.
TFC-75F	3	Reverse Osmosis Membrane Thin Film Composite (75 GPD), 0.0001 micron	Semi-permeable membrane will remove salts, minerals, metals, bacteria, viruses, cysts, TDS, Hardness, Fluorides, Pesticides, Lead, Mercury, Cadmium & Arsenic and more. Due to the time needed to remove all these ingredients your RO system includes a storage tank.

### Additional accessories

RX-AFRO3-AQ-CRT Cartridge sets for RX-AFRO3-AQ	TFC-75F Reverse Osmosis Membrane	OR-N-630X40 Top and bottom O-ring for the membrane housing	AIMIAO2_K Leak detection sensor	PLV-0104-80 Pressure limiting valve	AQCWW-W Quick connectors wrench

### NOTE

- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- Water filtration systems can help reduce the presence of contaminants. In addition, some water filtration systems can help reduce the presence of microorganisms or other contaminants with potential health effects.
- We strongly recommend regularly scheduled maintenance and replacement of the filter cartridge in order for the product to perform properly.
- Replace the filter cartridge at least every 3 or 6 months (depending on water quality)
- RO membrane recommended to change every 2.5-3 years (depending on water quality)

**LIMITED WARRANTY:** Manufacturer warrants that this product is free from defects in materials and workmanship. This warranty, together with any and all warranties implied by law, shall be limited to a period of two (2) years from the date of original purchase.

This limited warranty does not apply to failures that result from abuse, misuse, alteration or failure to properly comply with installation, or cartridge change instructions.

We strongly recommend adding to all point of use filtration systems a Pressure Limiting Valve (PLV-0104 series) to guard against unwanted extreme water pressure events pressure increases, surges, and water hammer which could occur in the water pipes. Not having one installed could mean that if you ever did have to claim damage caused by a burst water filter system, the claim will be denied.

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