



A Brand Of GLOBAL AVANTAJ SRL  
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## Direct Flow Reverse Osmosis Water Purification System

This 5-stage direct-flow water filtration system is based on reverse osmosis and includes a 3 stage pre-filtration process and an activated carbon post-filter. It can also be equipped with an in-line mineral filter or other standard filters compatible with RO systems. The system features a high-capacity membrane and a powerful booster pump, which directly purify the feed water and deliver a high flow of clean and pure water for consumption.



### Technical Specification

Rack Material	HDPP Plastic
Dimensions [H×W×L]	43 x 23 x 40 cm
Filtration Method	5 Stage Filtration Including: <ul style="list-style-type: none"><li>• 5 Micron Polypropylene Sediment Filter Cartridge</li><li>• Coconut Shell Granular Activated Carbon (GAC) Filter Cartridge</li><li>• 1 Micron Polypropylene Sediment Filter Cartridge</li><li>• RO Membrane Cartridge</li><li>• In-Line Post-Carbon Filter</li></ul>
Production Capacity	Up to 400 gal/day (1500 l/day)
Functions	<ul style="list-style-type: none"><li>• High reduction of unpleasant taste and odour</li><li>• Removes mechanical impurities</li><li>• Removes up to 99 percent of most contaminants including lead, fluoride, chlorine, pesticides, detergents, phenols, dissolved salts, ...</li></ul>
Max. TDS of Feed Water	2000 PPM
Max. Chlorine Concetration of Feed Water	0.3 PPM
pH Range of Feed Water	2 - 11
Operating Pressure	100 - 125 psi
Max. Pressure	165 Psi
Operating Temperature	2 - 45 °C
Electrical Requirement	230 V, 50 Hz
Tube and Fitting size	3/8" NPT
Booster Pump:	
Voltage	DC 36 V
Power	36 Watt
Max. Flow Rate	5 Liter/Minute
Body Material	Metal
RO Membrane:	
Membrane Type	13-Layer Industrial Thin-Film Composite
Pore Size	0.0001 Micron
Permeate Flow Rate	400 GPD
Average Rejection Rate	> 95 %
Faucet :	
Material	Lead-Free, Solid Brass With Brushed Nickel Finish