

Technical Data Sheet

Vega Ultra

Key features

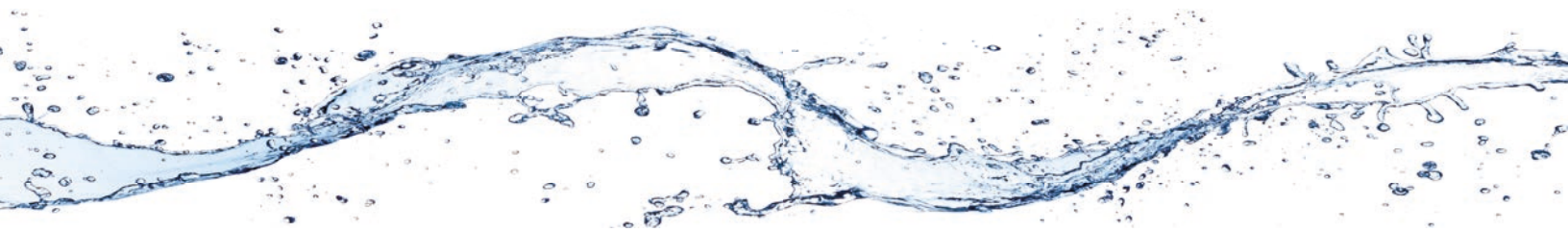
- Under-counter reverse osmosis system
- Elegant model & compact system
- High pressure pump included
- 2.5" x 12" in-line pre-filters (total of 6 filters)
- Set and track filter lifetime
- Cut off water and/or sound alarm
- In-line 7/24 TDS measurement
- Automatic leak detection
- Re-mineralises water post filtration

Properties	Description
Pre-filters	2.5" x 12" In-Line
Membrane	80 GPD TFC 98.5% Min Avg. Rejection
Faucet	Mini Euro Design Chrome Faucet
Tank	3.2 Gallon (Inside)
Pump	24 VDC 80 GPD Booster
Tank Full	24 VDC Normally Closed Solenoid
Digital Controller	Integrated Circuit (IC) / Digital Display
Certifications	CE, ISO, ECI, TSE, HYB, SSHYB

Technical Specifications

- System capacity: 8 litres / hour @ 5 Bar
- Incoming pressure: 2.5 bar minimum
- Incoming TDS: 600 PPM max
- Electricity: 100 – 240 VAC / 50-60 Hz
- Tank capacity: 12 litres

Parameter	Value
Electricity	100 - 240 VAC / 50-60 Hz
Feed Water Pressure	2.5 Bar Min. - 6 Bar Max.
Feed Water Temperature	4 - 40 oC
Feed Water Connection	3/8" NPT
System Dimensions	48cm (L) x 25(W) x 42(H)
System Weight	12 KG
Tank Weight	3 KG
Tank Air Pressure	6-8 PSI***



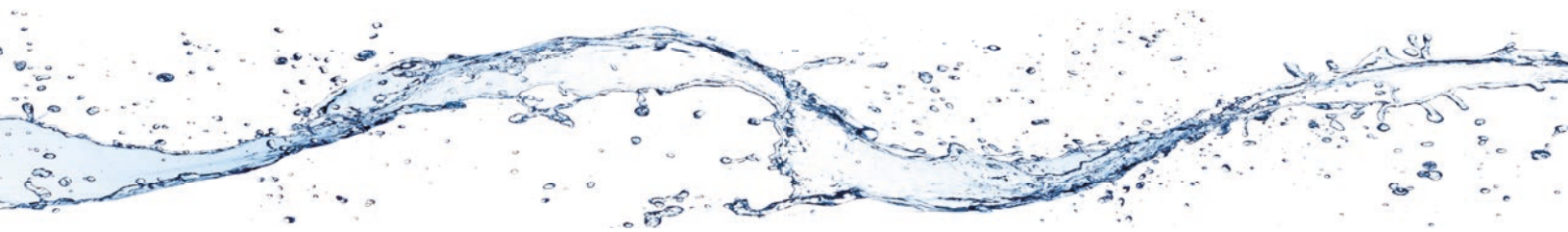
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Filter specifications

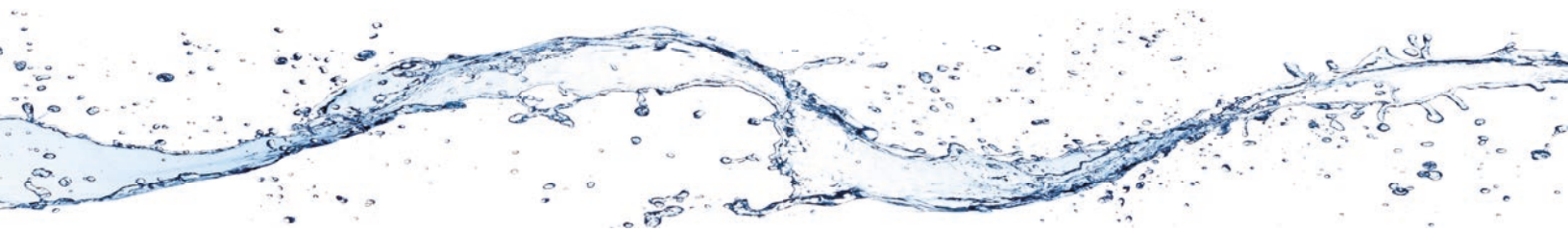
Number	Type	Description
1	5 micron antibacterial sediment	Pre-filter infused with Zinc nanoparticles to remove sediment and kill bacteria
2	Coconut shell GAC carbon	Pre-filter to remove chlorine, chemicals and improve taste/odor
3	Coconut shell CTO block carbon	Pre-filter to remove chlorine, chemicals and improve taste/odor
4	Reverse Osmosis 100 GPD membrane	RO semi-permeable membrane with 0.1 nano-meter sized pores. These pores can remove hundreds of thousands of different types of chemicals and compounds and 99.99% of microorganisms
5	Biocera alkaline, antioxidant and antibacterial pH	Uses naturally occurring minerals to produce alkaline (+9.5 pH) and antioxidant (-350 mV) water with antibacterial properties
6	Remineraliser and pH stabiliser	Final water polisher and mineralizer with coconut shell carbon and calcite minerals

Reverse Osmosis rejection rates (PPM)

Average Reverse Osmosis rejection rates (PPM)			
Aluminum	97-98%	Nickel	97-99%
Ammonium	85-95%	Nitrate	93-96%
Arsenic	94-96%	Phosphate	99+%
Bacteria	99+%	Polyphosphate	98-99%
Bicarbonate	95-96%	Potassium	92%
Boron	50-70%	Pyrogen	99+%
Bromide	93-96%	Radioactivity	95-98%
Cadmium	96-98%	Radium	97%
Calcium	96-98%	Selenium	97%
Chloride	94-95%	Silica	85-90%
Chromate	90-98%	Silicate	95-97%
Chromium	96-98%	Silver	95-97%
Copper	97-99%	Sodium	92-98%
Cyanide	90-95%	Sulphate	99+%
Ferrocyanide	98-99%	Sulphite	96-98%
Fluoride	94-96%	Zinc	98-99%
Iron	98-99%	Lead	96-98%
Insecticides	97%	Magnesium	96-98%
Detergents	97%	Manganese	96-98%
Herbicides	97%	Mercury	96-98%
Viruses	99+%	TDS	95-99%



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Company Information

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