

Technical Data Sheet

Vega Ultra

Key features

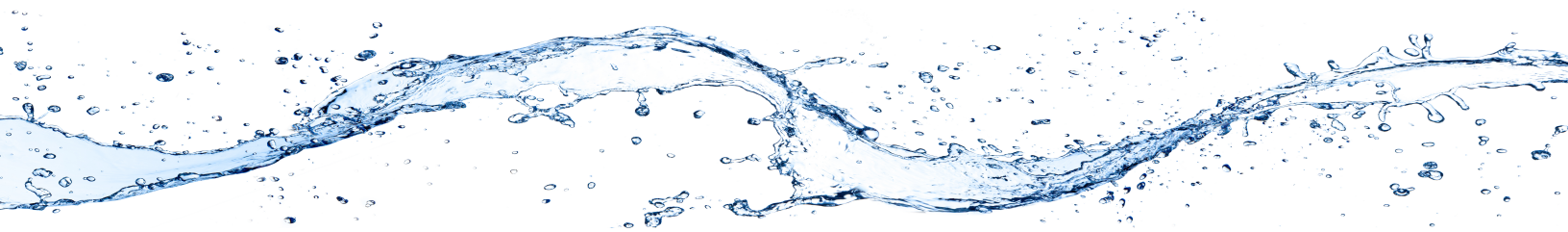
- Under-counter reverse osmosis system
- Elegant model & compact system
- High pressure pump included
- 2.5" x 12" in-line pre-filters (total of 6 filters)
- Set and track filter lifetime
- Cut off water and/or sound alarm
- In-line 7/24 TDS measurement
- Automatic leak detection
- Re-mineralises water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



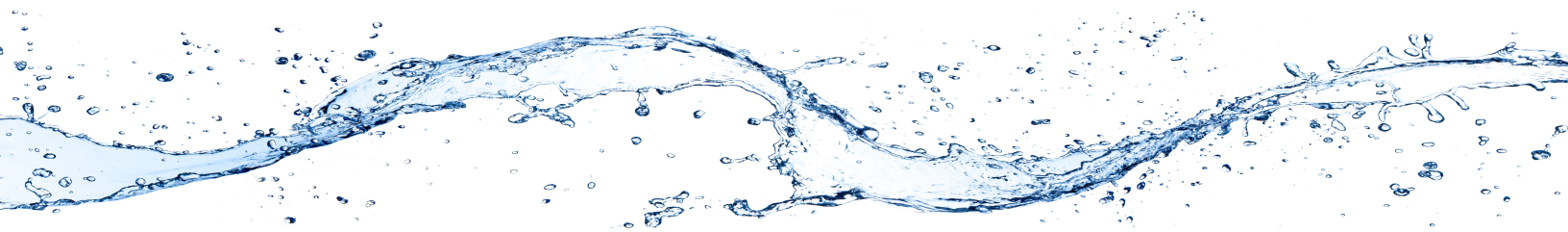
Technical Data Sheet

Filter specifications

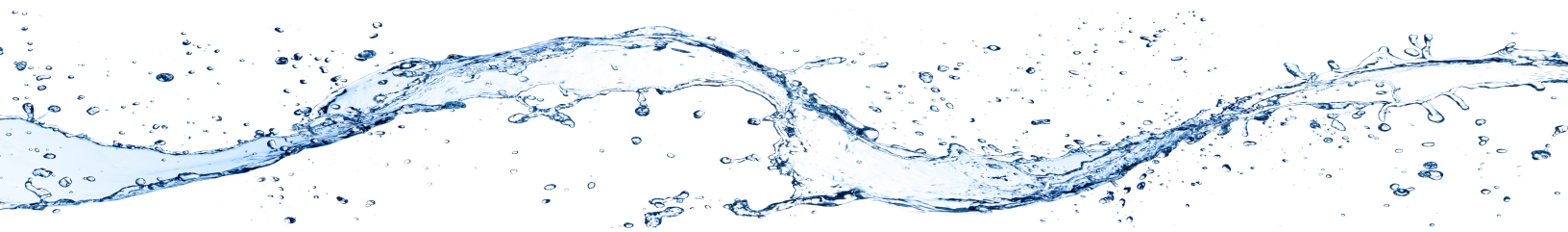
| Number | Type | Description |
|--------|--|---|
| 1 | 5 micron antibacterial sediment | Pre-filter infused with Zinc nanoparticles to remove sediment and kill bacteria |
| 2 | Coconut shell GAC carbon | Pre-filter to remove chlorine, chemicals and improve taste/odor |
| 3 | Coconut shell CTO block 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% |



Technical Data Sheet





Company Information

Homespring Sàrl
Route de Volovron 89, 1983 Evolène, CH
UID: CHE-191.941.138

info@myhomespring.com
+41 (0)77 526 91 08

