

eps



A NEW WAVE OF WATER TREATMENT



# Water Treatment

Domestic / Commercial / Industrial



From **Pedrollo Distribution**

**A NEW WAVE OF WATER TREATMENT**



**FILTRATION**

**Iron & Manganese**  
We have a number of catalytic media and supportive equipment for the removal of Iron & Manganese

**pH**  
Calcium based media increase pH and can be used to help with the removal of Iron & Manganese

**Turbidity**  
Particulate filtration can be achieved with backwash or cartridge based filters

**Carbon**  
Granular activated Carbon for the removal of organics and Chlorine

**Nitrates**  
Similar to softening but using a resin specifically designed for the removal of Nitrates

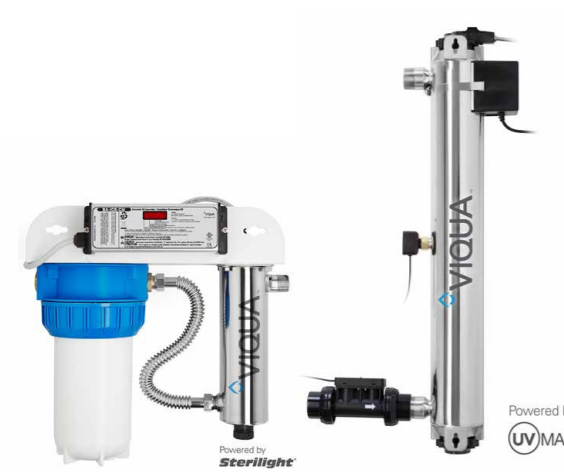


**SOFTENING**

**Domestic**  
An all in one cabinet design for use in domestic environments  
From 6 Litres to 30 Litres

**Simplex**  
A wide range of sizes to deal with commercial & industrial flow rates  
From 20 Litres to 1900 Litres

**Duplex**  
A twin vessel softener for continuous supply  
From 20 Litres to 1900 Litres



**UV**

Ultra Violet Disinfection Systems provide a safe, clean and economical method for the sterilisation of water.

They cover a wide range of flow rate requirements;  
From **0.22m<sup>3</sup>/hr** up to **18m<sup>3</sup>/hr**

3rd party validated options

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**RO**

Reverse Osmosis involves the forcing of water at high pressure through a semi permeable membrane to produce high purity water

**Domestic RO's**  
Domestic RO's can be located under a sink to produce small quantities of water for drinking. The water is collected in a tank and dispersed through a dedicated tap.

**Commercial RO's**

- Flow rates from 280 l/hr to 11m<sup>3</sup>/hr
- 75% recovery
- High rejection rates
- TDS monitor
- Filmtec membranes



**MEDIA**

**Ion Exchange**

- Softener resin
- Nitrate removal resin
- Mixed bed polisher resin

**Filtration**

- GAC
- pH correction
- Turbidity media
- Iron & Manganese media



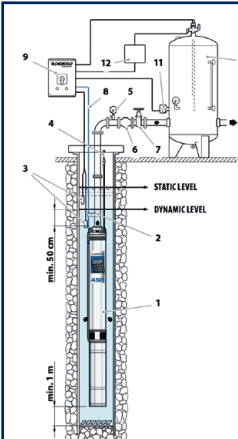
**COMPONENTS**

We have a wide range of components including:

- Clack valves
- Autotrol valves
- Vessels
- Brine tanks;  
Domestic Brine Tanks up to **100 Litres**  
Commercial Brine tanks up to **500 Litres**

Spare parts for all equipment supplied

Also Available From Pedrollo:



### Borehole Equipment

In stock and available for Next Day Delivery

	4" Pumps	6" Pumps
Flow rate:	Up to 350 l/min (21m <sup>3</sup> /h)	Up to 1000 l/min (60m <sup>3</sup> /h)
Max Head:	405m	390m
Motors:	Up to 7.5kW (10 HP)	Up to 30kW (40 HP)

- 6", 8" & 10" Borehole Pumps Made to Order within **5-7 days**
- Variable Speed Drive Controls

#### Accessories

- e.g Pressure sensors, cable, joint kits, pressure vessels



### Powertanks

- Packaged solution for boosting water
- Applications Include; Domestic, Commercial, Agricultural & Industrial
- Range of tank shapes to suit available space
- Range of tank capacities; 10 - 1000 ltr
- Variable and Fixed speed pump control options
- Single & Twin pump options available
- Ease of installation
- Quiet & reliable



### Powerboost

- Three Product Ranges; FLOW, PRO-E & PRO-S
- Water Cooled, Motor and Panel Mounted Inverters
- Domestic, Commercial, Industrial & Municipal Applications
- Booster Sets up to 3 Pumps as standard
- Fixed & Variable Speed Inverter Controls
- WRAS Options, Frame & Tank Options
- Short lead times
- Flow upto **105m<sup>3</sup>/hr**
- Pressures up to **14.5 bar**
- Power upto **11kW**
- Bespoke Solutions - We can cater for larger flows, higher pressures and different pump configurations



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