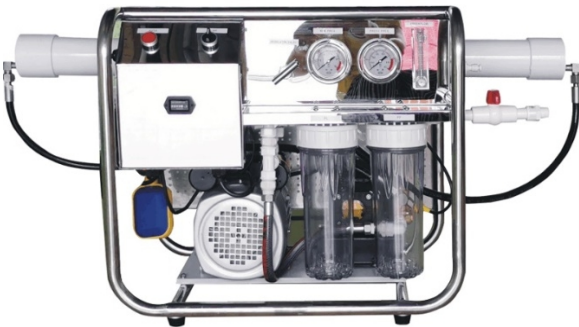




# GREEN PLANET AC220V DOMESTIC WATERMAKERS



## SEAWATER DESALINATION SYSTEM BASE ON REVERSE OSMOSIS PRINCIPLE

Make fresh water directly from the sea,  
bore, ground or pond, river or any natural  
water source at your remote resort or village

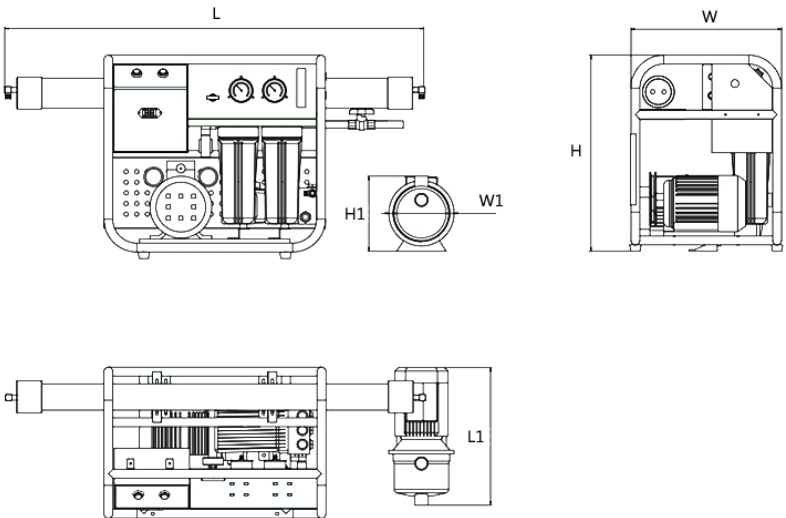
Patent appearance  
SS316L Polished frame

### Electrical Specifications ( VR series ):



| 型号<br>model | 产水流量<br>capacity | 膜配置<br>membrane | 功率<br>HP power | 220V 电流<br>220V current | 产水量<br>fresh output |
|-------------|------------------|-----------------|----------------|-------------------------|---------------------|
| VR200L      | 200LPD           | 2521 x 1        | 550W           | 3A                      | 8LPH                |
| VR500L      | 500LPD           | 2540 x 1        | 750W           | 4A                      | 25LPH               |
| VR1000L     | 1000LPD          | 2540 x 1        | 1.1KW          | 5A                      | 50LPH               |
| VR2000L     | 2000LPD          | 2540 x 2        | 1.5KW          | 7A                      | 100LPH              |
| VR3000L     | 3000LPD          | 4040 x 1        | 2.2KW          | 10A                     | 150LPH              |
| VR5000L     | 5000LPD          | 2540 x 4        | 3KW            | 14A                     | 250LPH              |

### Transportation Specifications:



| 型号<br>model | 产水流量<br>capacity | 电源选择<br>Power selection | 主机尺寸<br>Main Unit size<br>(cm) | 净重约<br>Net<br>weight<br>(kg) | 毛重<br>Gross weight<br>(kg) | 包装尺寸<br>Package size ( cm) |
|-------------|------------------|-------------------------|--------------------------------|------------------------------|----------------------------|----------------------------|
|-------------|------------------|-------------------------|--------------------------------|------------------------------|----------------------------|----------------------------|

|         |         |               |                                                        |     |     |               |
|---------|---------|---------------|--------------------------------------------------------|-----|-----|---------------|
| VR200L  | 200LPD  | 110VAC/220VAC | L x M x H: 84 x 47 x 57<br>L1 x M1 x H1: 37 x 17 x 20  | 45  | 65  | 93 x 51 x 71  |
| VR500L  | 500LPD  | 110VAC/220VAC | L x M x H: 124 x 47 x 57<br>L1 x M1 x H1: 37 x 17 x 20 | 57  | 77  | 128 x 51 x 71 |
| VR1000L | 1000LPD | 110AC/220VAC  | L x M x H: 124 x 47 x 57<br>L1 x M1 x H1: 37 x 17 x 20 | 63  | 83  | 128 x 51 x 71 |
| VR2000L | 2000LPD | 110AC/220VAC  | L x M x H: 124 x 63 x 40<br>L1 x M1 x H1: 37 x 17 x 20 | 78  | 98  | 128 x 51 x 71 |
| VR3000L | 3000LPD | 110AC/220VAC  | L x M x H: 128 x 58 x 58<br>L1 x M1 x H1: 36 x 19 x 21 | 117 | 137 | 130 x 60 x 80 |
| VR5000L | 5000LPD | 110AC/220VAC  | L x M x H: 126 x 58 x 58<br>L1 x M1 x H1: 36 x 19 x 21 | 136 | 156 | 130 x 60 x 80 |

### < Performance & Pretreatment >



*Working pressure : 50-65 bar ;*

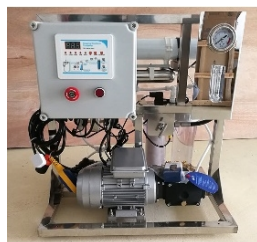
*Feeding water Salinity ( TDS ): <35000 ppm ;*

*Output water Salinity ( TDS ): < 1000 ppm for 1<sup>st</sup> Stage ( standard config )*

*< 200 ppm for 2 stages. ( not standard config )*

*Pretreatment: 5 micron & 0.5 micron ;*

### < Selection Guide >



The user need to know some basic installation facts at the running site before selecting the models, the conditions might affect your expense greatly if you know more about the water and the space.

1. *The raw water TDS (total dissolved solid by ppm, or salinity by %)?*
2. *Installation Space, size allowed, how many rooms available?*
3. *Power voltage, DC or AC, the max current range you can use?*
4. *Do you need a modular unit or a whole plant with frame?*
5. *Do you need output water as drinking water or living water? Or both? How much flow are they?*

### < Normal Running Steps >

- 1> *Make sure the pipeline and the main wet parts are full of water, and you can see the raw water Running out from the brine outlet*
- 2> *Make sure the HP pump crank carry at least half crank of proper Oil*

3> Start the pumps and adjust the pressure and flow to a proper position.

< Maintenance Method >

- 1> Use NaOH 1% to make alkaline flushing ; Use Citric acid 0.5% to make acid flushing; Use 5% NaHSO<sub>3</sub> to preserve the membrane;
- 2> Replace the profiler cartridges in a regular time;
- 3> Flushing the membrane by enough fresh water after the pumps stop;

\*\*\* PACKAGE STATMENT \*\*\*



中国人民保险集团股份有限公司  
THE PEOPLE'S INSURANCE COMPANY (GROUP) OF CHINA LIMITED

There basically 3 way (sea, land , air) to deliver the packages to big cities and not remote area, but if your address locate on an island or less logistic position, you might rely to express, and the packing way for different shipment way are quite different, and the carrier might have some extra rules on the package way, so please be sure to offer a clear delivery way and package type to our staff, and all our package will come with insurance, to avoid an unexpected cargo damage or lost.

**LIFE NEED FRESH WATER !**