



GREEN PLANET AC110-220V 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

No Starting Surge Current

Electrical Specifications:



型号 model	产水流量 capacity	膜配置 membrane	功率 HP power	220V 电流 220V current	产水量 fresh output
IMD200L	200LPD	2521 x 1	550W	3A	8LPH
IMD500L	500LPD	2540 x 1	750W	4A	25LPH
IMD1000L	1000LPD	2540 x 1	1.1KW	5A	50LPH
IMD2000L	2000LPD	2540 x 2	1.5KW	7A	100LPH
IMD3000L	3000LPD	4040 x 1	2.2KW	10A	150LPH
IMD5000L	5000LPD	2540 x 4	3KW	14A	250LPH

Transportation Specifications:



型号 model	产水流量 capacity	电源选择 Power selection	包装尺寸 Package size (cm)	净重约 Net weight (kg)	毛重 Gross weight (kg)	产品尺寸 Product size (cm)
IMD200L	200LPD	24VDC/48VDC/ 110AC/220VAC	84 x 55 x 40	45	65	membrane block: 69x18x15; DCElectrical box: 30x30x18; pump group: 45x25x21; Meter Panel: 25x15x15; prefilter:23x13x34
IMD500L	500LPD	24VDC/48VDC/ 110AC/220VAC	124 x55 x 40	57	77	membrane block: 122x18x15; DCElectrical box: 30x30x18; pump group: 49x31x25; Meter Panel: 25x15x15; prefilter:23x13x34
IMD1000L	1000LPD	24VDC/48VDC/ 110AC/220VAC	124 x55 x 40	63	83	membrane block: 122x18x15; DCElectrical box: 30x30x18; pump group: 49x31x25; Meter Panel: 25x15x15; prefilter:23x13x34
IMD2000L	2000LPD	24VDC/48VDC/ 110AC/220VAC	124 x 63 x 40	78	98	membrane block: 122x33x18; DCElectrical box: 40x30x20; pump group: 49x25x23; Meter Panel: 25x15x15; prefilter:23x13x34

IMD3000L	3000LPD	48VDC/ 110AC/220VAC	128 x 63 x 40	117	137	membrane block: 124x200x27; electrical box: 40x30x18; pump group: 53x25x25; Meter Panel: 25x15x15; prefilter:23x13x67
IMD5000L	5000LPD	48VDC/ 110AC/220VAC	Membrane: 128 x40 x 50; Others: 122x40x60; Priming pump: 69x54x11;	136	156	membrane block: 124x200x27; electrical box: 40x30x18; pump group: 53x25x25; Meter Panel: 25x15x15; prefilter:23x13x67

< Performance & Pretreatment >



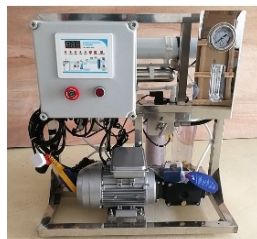
Working pressure : 50-65 bar ;

Feeding water Salinity (TDS): <35000 ppm ;

*Output water Salinity (TDS): < 1000 ppm for 1st 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% NaHSO3 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 ***



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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.

ENJOY YOUR TRIP !