

**介绍**

JVP系列水泵是森森一系列创新水泵中的一种。合理的设计保证此系列水泵流量大，噪声小，高性能，低能耗，维护简单快速等优点。  
注意！！JVP系列水泵是专门为水族箱设计的，以供水流动。它不是过滤器。使用前请咨询你的经销商。

**INSTRUCTIONS**

JVP series water pump is one kind of new water pumps of SunSun. The reasonable design guarantees the features as large flux, low noise, high efficiency, easy to maintain, and so on.  
Notice: JVP series pumps are designed specially for aquariums to make the water flow. It's not a kind of filter pump, please consulte the distributor before using.

**产品分解图 / EXPLOSIVE PICTURE**



序号 NO.	名称 SPARE PART NAME
1	吸盘 ABSORPTION TRAY (MATCHED PART)
2	磁铁 MAGNET IRON (MATCHED PART)
3	底座 BOTTOM PLATE
4	支撑轴 REVOLVING BOLSTER AXIS
5	壳体 SHELL
6	橡胶轴承 RUBBER BEARING
7	轴 AXES
8	叶轮 IMPELLER
9	滤水罩 FILTRATION CASING



**技术参数 / TECHNICAL PARAMETER**

型号 MODEL	电压 VOLTAGE	功率 POWER	扬程 H-MAX	流量 OUTPUT	重量 WEIGHT
JVP-101	220-240V/50Hz	6W	0.5m	3000L/h	0.5kg
JVP-102	220-240V/50Hz	12W	0.8m	5000L/h	0.6kg

**安全须知**

注意：在运行前请确认泵的所有组成部分有没有受损，在没有确定主电压与显示单位标签的电压相符时，不要将泵通电。

- 1、运行时，保证泵内没有沙子，不然会严重破坏零件并使担保书失效。（仔细阅读主要段落）
- 2、由于磁体之间有很强的吸引力，请置于小孩够不着的地方。
- 3、确定将磁体放在两侧，避免将手和手指置于其中。
- 4、当距离达到5CM（1.97英寸），磁铁与金属物体和其他磁铁的吸引力很强。为了防止受伤，避免刀刃狭窄、锋利的物体或者其他磁体。
- 5、受磁场的影响，磁体对电装置或者物体会引起永久性的破坏。比如起搏器，信用卡，钥匙：要让他们最少保持30CM的距离。（12英寸）。



**SAFETY NOTICE**

Notice: please make sure that all the parts of the pump are fine before it works. Don't connect it to the power if the voltage is different from the one which is shown on the sticker.

1. Please make sure that there's no sands in the pump before it works, otherwise it will destroy the spare parts badly, and will make the guarantee invalid. ( see the detail )
2. As it with strong magnetism, please put it to somewhere children can't reach.
3. Put the magnets on two sides, and avoid to putting hand and fingers between them.
4. When the distance is about 5cm(1.97 inches), the magnetism is very strong among the magnets, metal parts and other magnets. To avoid any wound, please keep away frm the narrow edge, sharp objects and other magnets.
5. As the influence of the magnetism, magnets will cause permanent destroy for electrical equipment or other objects. For example, pacemaker, credit card, keys. So please keep 30cm(12 inches) away from them.



**安装**

1、在放置吸盘前要保持清洁水族箱：任何表面的污渍可能会阻碍吸盘的正确安装，并且泵可能会在水族箱底部打滑，对某些部分或本身造成损害。

注意为了防止噪音和振动引起的扰乱。我们建议泵的位置要低于水平面。

- 2、解开电线。
- 3、把球体附件上的连接器插入到泵的开口处。图1



- 4、把泵完全进入水中，推到一个正负极支持的位置。图2（记得在装置前清洗表面）



- 5、通上电源。

**INSTALL**

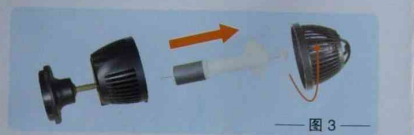
1. Please keep the aquarium cleaning before putting the osculum. It will cumber the correct installation if there's any dirt on the surface of the aquarium. And the slip of the pump will cause the damage to the pump itself.

To avoid any disturbance caused by noise and vibration, we suggest that the pump should be placed under the water level.

2. Unfasten the wire
3. Insert the connection part of the globe accessory to the opening of the pump. Picture 1
4. Please dip the pump into the water completely, and push it to the support of anode and cathode. Picture 2 (remember to clean the surface before installation)
5. Connect to the electricity power.

**保养**

- 1、定期清理和维修保证泵能运转得更好更持久。
- 2、一手握住泵的装配，另一手除去泵的外部磁性。
- 3、如图所示解开。图3



- 4、清洁叶轮装配轻柔拭去沉淀物，不要使用清洁剂或溶剂。
- 5、用相反的次序重新组合。确保在泵上的两个槽口相符，轴正确放置。

**MAINTAIN**

1. Clean and maintaain periodically, so that the pump Can work longer.
2. Use one hand to hold the assemblage of the pump, use another hand to remove the magnetism of the pump outside.
3. Open according to the chart 3.
4. Please wipe the deposit gently when clean the impeller, don't use cleanser or impregnant.
5. Please re-install the pump in the fixed order. And to make sure the two rabbets must match with each other and the shaft should be placed correctly.

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**VIBRATION PUMP**  
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SUNSUN is a new innovative range of circulation pumps for aquariums. The exclusive SUNSUN design and technology guarantee a continuous and powerful water flow. High performance, low energy consumption, quick and easy maintenance.

