

Operation Manual

Wavemaker Pump JVP-series 52006, 52007, 52008, 52009, 52012, 52013, 52014



Similar to image, may vary depending on model

Read and follow the operating instructions and safety information before use.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ slightly.



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Even though, the WilTec Wildanger Technik GmbH has undergone biggest possible efforts to ensure that the operating manual is complete, faultless, and up to date, mistakes cannot be entirely avoided.

If you should find a mistake or wish to make a suggestion for improvement, we look forward to hearing from you.

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Our postal address is:

WilTec Wildanger Technik GmbH
Königsbenden 12
52249 Eschweiler
Germany

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Returns Department
WilTec Wildanger Technik GmbH
Königsbenden 28
52249 Eschweiler

E-mail: **service@wiltec.info**

Tel: +49 2403 55592-0

Fax: +49 2403 55592-15



Introduction

Thank you very much for buying this quality product. To reduce the risk of injury, we ask you to regard some basic safety instructions, when using this product. Please read the operating manual thoroughly and make sure you have understood them. Keep the operating manual safe for future reference.

Safety Notes

ATTENTION:

The use of the device is only allowed with a residual current circuit breaker with a nominal current of up to 30 mA (according to VDE 0100 part 702 and 738).

The device is not meant to be operated by people (including children) with limited physical, sensory, or mental abilities, or with lack of experience and/or knowledge, unless they are being supervised by a person responsible for their health and safety or have been instructed on how to use the device. Children should be supervised to ensure that they do not play with the device.

ATTENTION:

- Before every use, visually examine the device. Do not use the device if safety measures are damaged or worn. Never overrule safety measures.
- Only use the device for the purpose stated in this operating manual.
- You are responsible for the safety in the working area.
- If the cable or the mains plug should be damaged due to external influences, the cable cannot be repaired, but needs to be exchanged by a qualified technician!
- The rated voltage of 230 V AC on the type label needs to comply with the existing voltage.
- Never lift, transport, or attach the device by its electricity cable.
- Make sure that all electrical plug connections are in an area that cannot be flooded and are protected from humidity.
- Before carrying out any work on the device, pull the electricity plug.
- Avoid the device being exposed to water streams or rain.
- The operator is responsible for the compliance with local safety and assembly rules. If necessary, ask a qualified technician.
- In case the device should break down, repair work should only be carried out by a qualified technician. Damages occurring from an improper repair or maintenance are not the manufacturer's responsibility.
- Read all safety notes and instructions. Non-compliance with the safety notes and instructions can lead to electrical shock, fire and/ or serious injury.
- Keep the safety notes and instructions for future reference.

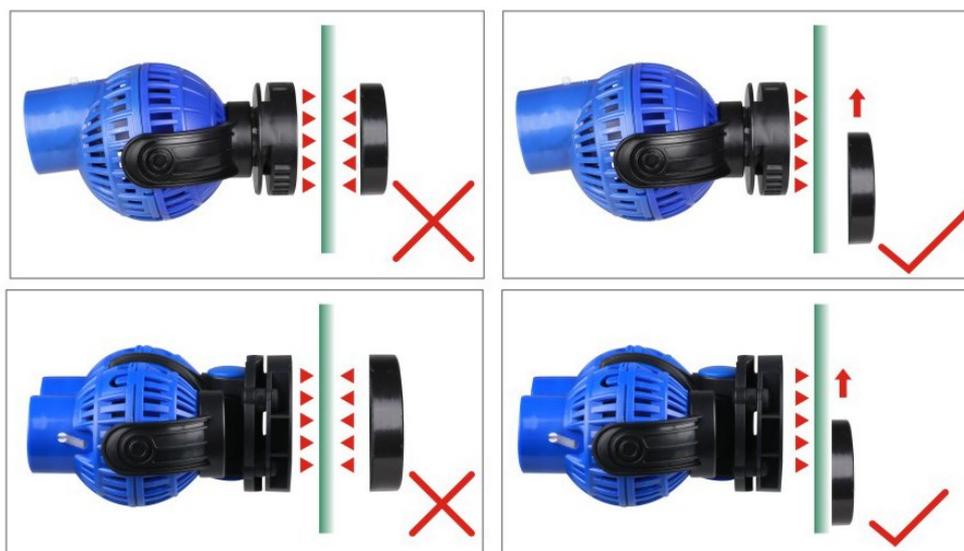
Functions

- New design – flexible adjustment of the wave direction
- Regulation valve on the outlet of the pump
- Flexible mounting via a magnet



Mounting

Separate the two magnets from each other. Take the pump into one hand and the holder with the magnet into the other. Place the pump onto the desired spot of the glass inside the aquarium and push the holder with the magnet upwards to where you have placed the pump. Do not put both magnets together immediately. The strong magnetic force can cause injury.



Notes:

- Make sure that the pump does not run dry. The pump needs to be fully immersed before being turned on.
- Do not place the magnets immediately onto each other. Slowly push the magnets one onto the other to avoid damage of the glass or injuries.
- Only connect the device to the electricity supply after installing it.
- Do not use the device if the motor or the cable is damaged.

Maintenance

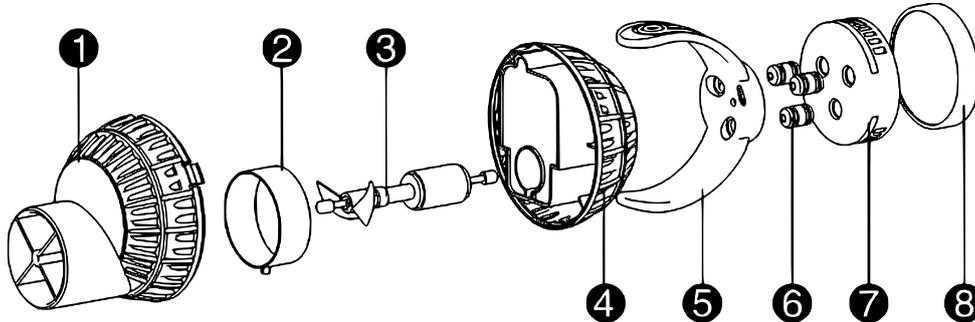
Please clean the Wavemaker pump regularly. The casing can be opened by turning. Clean the rotor with a soft cloth and swill the pump casing thoroughly with water. Please do not use any cleaning detergents, as these can contaminate the water.

Technical data

Model	Item №	Power supply	Power (W)	Flow rate (l/h)	Dimensions (mm)	Length of cable (m)	Weight (kg)
JVP-130	52006	230 V 50 Hz	6	4,000	66×61×114	2.5	0.35
JVP-131	52007		8	6,000	77×70×126	2.5	0.4
JVP-132	52008		12	8,000	87×80×135	2.5	0.55
JVP-133	52009		16	10,000	98×91×144	2.5	0.65
JVP-230	52012		8	6,000	118×61×122	2.5	0.6
JVP-231	52013		12	8,000	128×69×132	2.5	0.65
JVP-232	52014		26	15,000	162×80×150	2.5	1.0

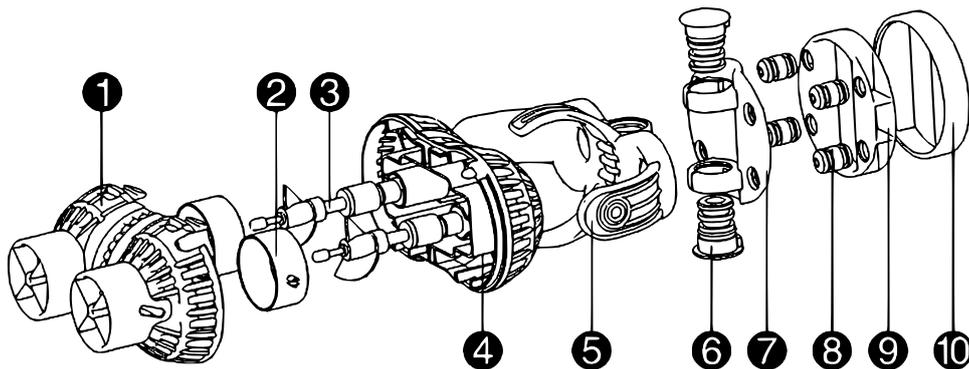
Exploded views and parts lists

JVP-130-133 (52006-52009)



Nº	Name	Nº	Name	Nº	Name
1	Front casing	4	Back casing	7	Inner magnet holder
2	Flow regulator	5	Frame	8	Outer magnet holder
3	Rotor	6	Spring holder		

JVP-230-232 (52012-52014)



Nº	Name	Nº	Name	Nº	Name
1	Front casing	5	Frame	9	Inner magnet holder
2	Flow regulator	6	Spindle	10	Outer magnet holder
3	Rotor	7	Fixture		
4	Back casing	8	Spring holder		

Disposal regulations

EU guidelines regarding the disposal of scrap electric appliances (WEEE, 2012/19/EU) were implemented in the law related to electrical and electronic equipment and appliances.

All WilTec electric devices that fall under the WEEE regulations are labelled with the crossed-out wheeled waste bin logo. This logo indicates that this electric equipment must not be disposed with domestic waste.

The company WilTec Technik GmbH has been registered in the German registry EAR under the WEEE-registration number DE45283704.

Disposal of used electrical and electronic appliances (intended for use in the countries of the European Union and other European countries with a separate collection system for these appliances).

The logo on the item or on its packaging points out that this item must not be treated as normal household waste but must be disposed of at a recycling collection point for electronic and electrical waste equipment. By contributing to the correct disposal of this item you help protect the environment and the health of fellow human beings. The environment and the health of living beings are threatened by inappropriate disposal.



Recycling materials helps reduce the consumption of raw materials.

Additional information on recycling this item can be provided by your local community, municipal waste disposal facilities or the shop where this item was purchased.

Address:
 WilTec Wildanger Technik GmbH
 Königsbenden 12/ 28
 D-52249 Eschweiler

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