

HYUNDAI
POWER PRODUCTS

ELECTRIC WATER PUMP

HFP1100

ORIGINAL INSTRUCTIONS



WARNING: Read thoroughly the instruction manual before use.

SAFETY WARNINGS

Please note that all instructions must be consulted! Failure to observe the following instructions and warnings may result in electric shock, fire and / or serious injury. Keep all instructions and warnings for future reference. If you are giving this device to another person, please provide this instruction manual as well.

- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Use this unit as described in this manual. Any mishandling or use contrary to these instructions

will in no case be the responsibility of the manufacturer.

- Failure to observe the safety and operating instructions may cause a risk of electric shock, fire and / or injury to persons.
- Do not use attachments other than those recommended by the manufacturer; they can damage the unit and / or cause injury.
- **DANGER OF SUFFOCATION!** Keep packaging materials out of the reach of children.
- Before any connection, check:
 - Do not damage the device or cable. In this case, do not use the appliance and take it to your dealer for inspection and repair.
 - That the voltage indicated on the rating plate of the appliance corresponds to that of your electrical installation.
- Do not disassemble the device yourself. Any disassembly, repair or inspection should be carried out exclusively by a qualified service.
- The supply cord must be easily accessible.

- The pump must be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.
- Protect the appliance and electrical connections against moisture.
- In case of flood danger, protect the connectors.
- Avoid the discharge of aggressive liquids and the discharge of abrasive materials.
- The submersible motor pump must be protected from freezing.
- The submersible motor pump must not run dry.
- Disconnect the pump from the supply mains before carrying out user maintenance such as cleaning the filter.
- Pollution of the liquid could occur due to leakage of lubricants.

SYMBOLS



Read the instruction manual

INTENDED USE

The pump is designed to suck clear water and dirty water with particles. The pump must be installed on a flat and solid surface. It is not suitable for professional use (including continuous operation).

GETTING STARTED

1. Install and screw the water pump outlet to the appliance (in the front).
2. Connect a discharge pipe with a diameter at least equal to the diameter of the pump outlet.

Diameter of discharge pipe	inner diameter: 40mm outer diameter: 50mm
Connecting pipe size	1-1/2"

3. Immerse the pump in the liquid to be sucked, by making an angle of 45 degrees (to reduce the amount of air trapped in the pump body). If the pump rests on the bottom, make sure it is on a flat and stable surface.
4. Make sure that no one is present in the liquid to be pumped.
5. Plug the pump to the mains.

WORKING PRINCIPLES&TECHNICAL SPECIFICATIONS

Model	HFP1100
Power	1100 W
Voltage	230V~ 50Hz
Head max.	10 m
Immersion Depth Max.	7 m
Qmax	19.5m ³ /h
IP	IPX8
Weight	7.5kg
Temp max.	35°C

USE OF THE PUMP

Your pump is designed for domestic use.

Your pump must not be used in following situations:

- Water temperature to be sucked is above 35°C
- Continuous run (ex: fountain pump)
- Drinking water supply or washing machines for dishes supply
- Corrosive, easily combustible, aggressive or explosive liquids (such as gasoline, petroleum), saltwater, oils and greases.

CARE & MAINTENANCE

- In case of temporary installation, the pump must be cleaned up with clear water after use.
- In case of permanent installation, it is necessary to check every 3 months that start mechanism is working properly (float switch or sensor).
- Regularly remove dirt that may accumulate in the sump.
- Do not expose to frost.
- Avoid dry run.
- Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the pump.
- Clean the pump regularly if aspirated liquid cause sediments.
- Avoid shocks, do not let the pump fall.

TROUBLESHOOTING

Trouble	Check	Should do
The engine does not start and does not make noise.	Is the pump plugged? Does the pump starts when fully submerged?	Check your electrical installation Check that the float can move freely
Pump does not deliver.	Does the impeller rotates? Is it in good condition? Is the pump inlet free? The delivery head requested exceeds the requirements of the pump or the discharge pipe is too narrow	Eliminate the reason for blocking Replace the impeller Clean the pump inlet Use the pump in accordance with its technical capabilities Increase the pipe diameter
The pump stops suddenly	Did the pump run for a long time without stopping? Are you sure that the pump inlet is not obstructed? Do the power of the mains match the rating plate? Is the temperature of the liquid less than 35°C?	Disconnect the pump from the mains and let it cool for a few tens of minutes Clean the pump inlet Use a power supply matching the rating plate Observe the maximum allowable temperature
Flow decreases	Is the pump inlet clean? Is the impeller clean? The discharge pipe is not partially clogged?	Clean the area or areas in question (s)

<p>Low flow or insufficient</p>	<p>Are you sure that the pump inlet is not obstructed?</p> <p>Is the impeller clean?</p> <p>Are you sure that the outlet pipe is not obstructed?</p> <p>Is the diameter of the discharge pipe enough?</p>	<p>Clean the zone (s) concerned and verify check valve, if applicable</p> <p>Connecting a pipe with a suitable diameter and suppress reduction of the water passage</p>
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DISPOSAL



Electrical products should not be discarded with household products. According to the European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation into national law, electrical products used must be collected separately and disposed of at collection points provided for this purpose. Talk with your local authorities or dealer for advice on recycling.

HYUNDAI

WARRANTY

The manufacturer guarantees the product against defects in material and workmanship for a period of 2 years from the date of the original purchase. The warranty only applies if the product is for household use. The warranty does not cover breakdowns due to normal wear and tear.

The manufacturer agrees to replace parts identified as defective by the designated distributor. The manufacturer does not accept responsibility for the replacement of the machine, in whole or in part, and/or ensuing damage.

The warranty does not cover breakdowns due to:

- insufficient maintenance.
- abnormal assembly, adjustment or operations of the product.
- parts subject to normal wear and tear.

The warranty does not extend to:

- shipping and packaging costs.
- using the tool for a purpose other than that for which it was designed.
- the use and maintenance of the machine done in a manner not described in the user manual.

Due to our policy of continuous product improvement, we reserve the right to alter or change specifications without notice. Consequently, the product may be different from the information contained therein, but a modification will be undertaken without notice if it is recognized as an improvement of the preceding characteristic.

READ THE MANUAL CAREFULLY BEFORE USING THE MACHINE.

When ordering spare parts, please indicate the part number or code, you can find this in the spare parts list in this manual. Keep the purchase receipt; without it, the warranty is invalid. To help you with your product, we invite you to contact us by phone or via our website:

- **+33 (0)9.70.75.30.30**
- **<https://services.swap-europe.com/contact>**

You must create a "ticket" via the web platform.

- Register or create your account.
- Indicate the reference of the tool.
- Choose the subject of your request.
- Describe your problem.
- Attach these files: invoice or sales receipt, photo of the identification plate (serial number), photo of the part you need (for example: pins on the transformer plug which are broken).



PRODUCT FAILURE

WHAT TO DO IF MY MACHINE BREAKS DOWN?

If you bought your product in a store:

- a) Empty the fuel tank.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.

Go to the store with the complete machine and with the receipt or invoice.

If you bought your product on a website:

- a) Empty the fuel tank.
- b) Make sure that your machine is complete with all accessories supplied, and clean! If this is not the case, the repairer will refuse the machine.
- c) Create a SWAP-Europe service ticket on the site: <https://services.swap-europe.com> When making the request on SWAP-Europe, you must attach the invoice and the photo of the nameplate (serial number).
- d) Contact the repair station to make sure it is available before dropping off the machine.

Go to the repair station with the complete machine packed, accompanied by the purchase invoice and the station support sheet downloadable after the service request is completed on the SWAP-Europe site

For machines with engine failure from manufacturers BRIGGS & STRATTON, HONDA and RATO, please refer to the following instructions.

Repairs will be done by approved engine manufacturers of these manufacturers, see their site:

- <http://www.briggsandstratton.com/eu/fr>
- <http://www.honda-engines-eu.com/fr/service-network-page;jsessionid=5EE8456CF39CD572AA2AEEDFD290CDAE>
- <https://www.rato-europe.com/it/service-network>

Please keep your original packaging to allow for after-sales service returns or pack your machine with a similar cardboard box of the same dimensions.

For any question concerning our after-sales service you can make a request on our website <https://services.swap-europe.com>

Our hotline remains available at +33 (9) 70 75 30 30.



WARRANTY EXCLUSIONS

THE WARRANTY DOES NOT COVER:

- Start-up and setting up of the product.
- Damage resulting from normal wear and tear of the product.
- Damage resulting from improper use of the product.
- Damage resulting from assembly or start-up not in accordance with the user manual.
- Breakdowns related to carburetion beyond 90 days and fouling of carburetors.
- Periodic and standard maintenance events.
- Actions of modification and dismantling that directly void the warranty.
- Products whose original authentication marking (brand, serial number) has been degraded, altered or withdrawn.
- Replacement of consumables.
- The use of non-original parts.
- Breakage of parts following impacts or projections.
- Accessories breakdowns.
- Defects and their consequences linked to any external cause.
- Loss of components and loss due to insufficient screwing.
- Cutting components and any damage related to the loosening of parts.
- Overload or overheating.
- Poor power supply quality: faulty voltage, voltage error, etc.
- Damages resulting from the deprivation of enjoyment of the product during the time necessary for repairs and more generally the costs related to the immobilization of the product.
- The costs of a second opinion established by a third party following an estimate by a SWAP-Europe repair station
- The use of a product which would show a defect or a breakage which was not the subject of an immediate report and/or repair with the services of SWAP-Europe.
- Deterioration linked to transport and storage*.
- Launchers beyond 90 days.
- Oil, petrol, grease.
- Damages related to the use of non-compliant fuels or lubricants.

* In accordance with transport legislation, damage related to transport must be declared to carriers within 48 hours maximum after observation by registered letter with acknowledgement of receipt.

This document is a supplement to your notice, a non-exhaustive list.

Attention: all orders must be checked in the presence of the delivery person. In case of refusal by the delivery person, it you must simply refuse the delivery and notify your refusal.

Reminder: the reserves do not exclude the notification by registered letter with acknowledgement within 72 hours.

Information:

Thermal devices must be wintered each season (service available on the SWAP-Europe site). Batteries must be charged before being stored.

HYUNDAI
POWER PRODUCTS

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