

The MANUAL

WH5000-D DRAINAGE PUMP

**FOR REMOVING WATER FROM POOLS,
POOL COVERS, PONDS AND FLOODED
AREAS.**



**WATER
HOUSE®**

Pumps & Garden



SA'S

FAVOURITE

SMALL PUMP BRAND



THANKS FOR CHOOSING OUR PRODUCT

This smart pump is designed for easy water removal from flat open surfaces like Pool covers, Flat roofs, Flooded Basements, Bathtubs, Kitchen, Shower stalls, etc.

INTENDED USE:

This smart pump is controlled by an electrical sensor to protect the pump from running dry, instead of a traditional float switch and mechanical vertical switch.

This prevents the pump from not working during rollover or dumping.

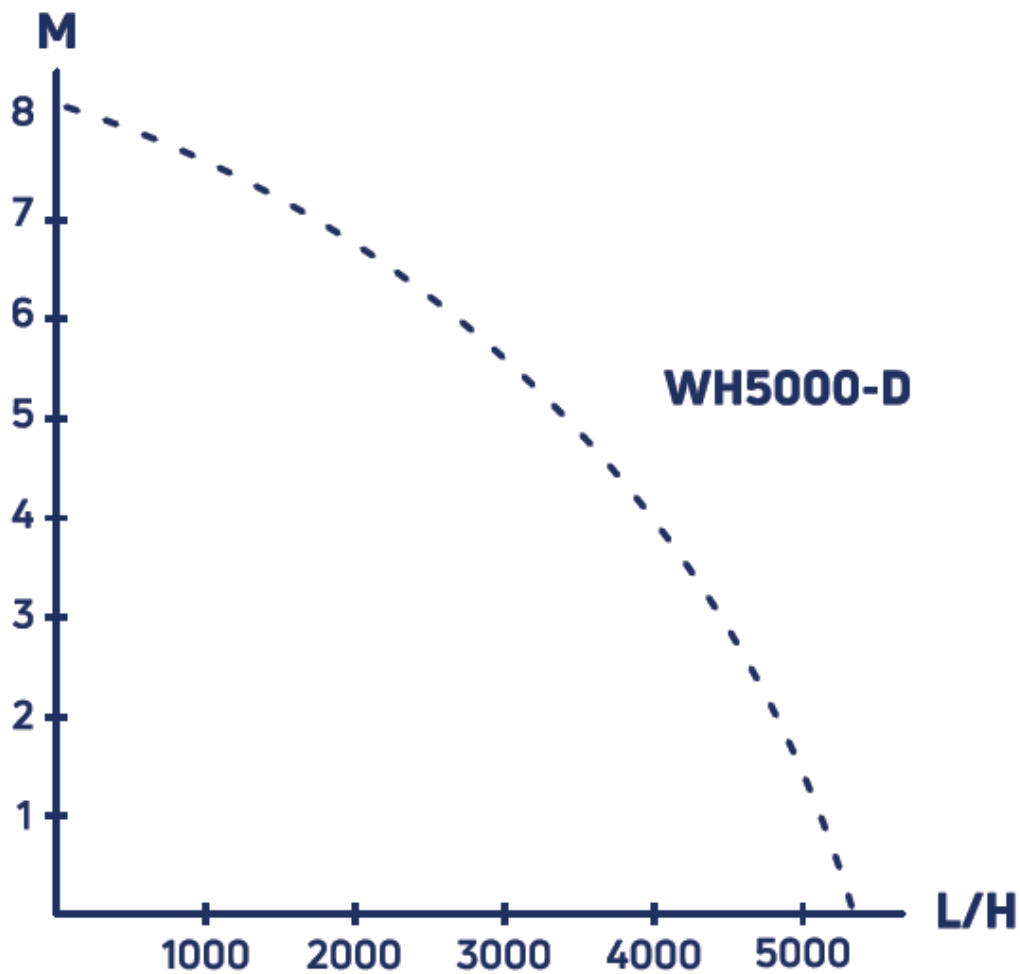
WHY WE LOVE THIS PRODUCT:

- Automatic Pool Cover Drainage Pump with Intelligent Start-Stop Technology
- Automatic water level sensor
- Drains water down to 3mm
- Max flow is 5600 Litres/hour
- 300 watts
- Twenty second delay on switch off.
- Includes 4 different pipe outlet adaptors
- Convenient carry handle for ease of placement
- 3 meters cable
- Activates in 8mm of water, stop automatically in lower than 3mm.



SPECIFICATIONS

POOL COVER PUMP FUNCTION



SPECIFICATIONS

MAXIMUM FLOW	5600 LITRES PER HOUR
CABLE LENGTH	3 METRES
WATTAGE	300 WATTS
MAX HEIGHT	8 METRES
MAX GRAIN SIZE	4MM
VOLTAGE	220VOLT
OUTLET SIZE	20MM

WARNING

- Read and understand all instructions. Failure to follow all instructions may result in serious injury or property damage.
- The warnings, cautions, and instructions in this manual cannot cover all possible conditions or situations that could occur.
- Exercise common sense and caution when using this tool.
- Do not allow persons to operate or assemble the product until they have read this manual and have developed a thorough understanding of how it works.
- Do not modify this product in any way. Unauthorized modification may impair the function and/or safety and could affect the life of the product.
- There are specific applications for which the product was designed.
- Use the right tool for the job. DO NOT attempt to force small equipment to do the work of larger industrial equipment.
- There are certain applications for which this equipment was designed. It will be a safer experience and do the job better at the capacity for which it was intended.
- DO NOT use this equipment for a purpose for which it was not intended.
- Do not use the product where there is a risk of causing a fire or an explosion; e.g., in the presence of flammable liquids, gases, or dust. The product can create sparks, which may ignite the flammable liquids, gases, or dust.
- **READ AND FAMILIARIZE YOURSELF WITH THE SAFETY INSTRUCTIONS BEFORE USING THE PUMP**
- Compare the incoming voltage and frequency of your electrical circuit with the data on the model plate. This data must correspond.
- Before reaching in the water always unplug power cords of devices in the water.
- the cable cannot be changed or lengthened. The pump may not be operated if the cable or the housing are defective.
- Pay close attention when this pump is used near children's activity areas.
- Keep way from moving part to avoid any harm.
- Please disconnect all accessories if the pump does not work.
- Do not carry or pull the pump by the connecting power cord.
- Do not change the pump impellor with any other brand/type of pump, as parts are not interchangeable.
- Lay the power cord in a protected conduit to prevent the possibility of cable damage
- To avoid possible electric shock, special care should be taken when handling this product.
- In each of the following situations, do not attempt repair unit by yourself. Discard the appliance:
 - If the appliance shows any sign of abnormal water leakage, immediately unplug unit from the power source.
 - Do not operate any appliance if it has a damaged cable or plug, if it is malfunctioning or it has been dropped or damaged in any manner.
 - To avoid the possibility of the plug getting wet, please ensure that the power supply is sufficiently far away from the unit before plugging into power supply.
 - If the plug or receptacle does get wet, don't unplug the cord. First disconnect the fuse or circuit breaker that supplies power to the appliance. Then unplug and examine.



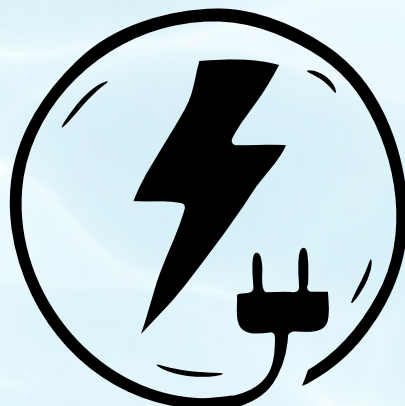
SPECIFIC OPERATION WARNING

- This pump is not designed to handle salt water, brine, laundry discharge, or any other application which may contain caustic chemicals, highly chlorinated water, and/or foreign materials.
- DO NOT pump flammable or explosive fluids such as gasoline, fuel oil, kerosene, solvents, thinners, etc.
- DO NOT use in a flammable and/or explosive atmosphere.
- ONLY pump clear water. Improper use could result in death or serious injury.
- If using pump to drain a vessel containing heated water, allow water time to cool to ambient temperature before pumping the water. Failure to do so may cause pump failure or property damage.
- This pump is not suitable for use with aquatic life. It is not designed to run 24/7. Pump damage or failure could occur if used in these applications and will void the warranty.
- If using pump to drain a vessel of water make sure the pump is not used while people are in, or in-contact with the water.



PLUG EXTENSION CORDS WARNING

- Make sure your extension cord is properly wired and in good electrical condition. Always replace a damaged extension cord or have it repaired by a qualified electrician before using it.
- Protect your extension cords from sharp objects, excessive heat and damp or wet areas
- As the distance from the supply outlet increases, you must use a heavier gauge extension cord
- Using extension cords with inadequately sized wire causes a serious drop in voltage, resulting in loss of power and possible tool damage.
- The smaller the wire's gauge number, the greater the capacity of the cord.
- When using more than one extension Cord to make up the total length, make sure each cord contains at least the minimum wire size required.



WARRANTY

Each WATERHOUSE product is guaranteed to be in perfect condition when it leaves our factory. During the time periods and subject to conditions hereinafter set forth, WATERHOUSE will repair or replace to the original user or consumer any portion of your new WATERHOUSE product which proves defective due to material or workmanship of WATERHOUSE contact your nearest authorized WATERHOUSE service station for warranty service. All at times WATERHOUSE shall have and possess the sole right and option to determine whether to repair or replace defective equipment, parts, or components. Damage due to lightning or conditions beyond the control of WATERHOUSE is NOT COVERED BY THIS WARRANTY.

WARRANTY PERIOD

PUMP: 6 months from date of purchase, proof of purchase, is necessary. Whichever occurs first.
LABOUR, ETC. COSTS: WATERHOUSE shall not be responsible or liable for the cost of field labour or other charges incurred by the customer in removing and/or affixing any WATERHOUSE product, part, or component thereof.

THIS WARRANTY WILL NOT APPLY:

- To defects or malfunctions resulting from failure to properly install, operate, or maintain the unit in accordance with printed instructions provided.
- To failures resulting from abuse, accident or negligence.
- To normal maintenance services and the parts used in connections with such service.
- To units which are not installed in accordance with applicable local codes, ordinances and good trade practices.
- If unit is used for purpose other than for what designed and manufactured.
- If pump is exposed to but not limited to the following: sand, gravel, cement, grease, plaster, mud, tar, hydrocarbons, or hydrocarbon derivatives (oil, gasoline, solvents, etc.) or other abrasive or corrosive substances.
- If pump has been used for continuous pumping of liquids above 35°C.
- If power cable is cut off to a length less than one metre.
- If pump has been dismantled by customer; (only authorised WATERHOUSE service stations are permitted to dismantle pump for WATERHOUSE field service.)
- To the impeller if older than 6 months, and if the impeller has not been used under abrasive or corrosive conditions. The impeller is a working part of the pump and will eventually wear out.

PRODUCT IMPROVEMENT:

WATERHOUSE reserves the right to change or improve its products or any portions thereof without being obligated to provide such a change or improvement for units sold/ or shipped prior to such change or improvement.



BEFORE USE

- Inspect the general condition of the tool. Check for loose hardware, misalignment or binding of moving parts, cracked or broken parts, damaged electrical wiring, damaged and any other condition that may affect its safe operation.
- For best pump performance, unwind the hose before starting the pump. This will help remove any kinks or binds in the hose and allow the unit to pump with less restriction.
- **TIPS:** To reduce leakage between the pump and the hose, place a hose washer (not included) on the garden hose before attaching to the pump.



OPERATING INSTRUCTIONS

- Do not cut the plug
- This pump has been designed to attach to a standard garden hose. Thread the female end of the garden hose to either discharge on the pump. Make sure the discharge not being used is securely sealed using the attached screw-on cap. (if unused discharge is not capped, water will not be pumped through the garden hose).

INSTRUCTIONS:

Plug the power cord into a grounded 220 volt protected power outlet. Make sure the electrical outlet is grounded and is rated for at least 15 amps.

- The pump will start operating as soon as the power cord is plugged into the power outlet.
- **TIPS:** A flat object such as a piece of hardwood or rigid plastic (e.g. bucket lid) can be placed under the pump if no clean hard surface can be found. However, this will increase the priming and pump down levels.
- Disconnect power before servicing. Improper use could result in death or serious injury.
- Keep pump inlet clean and free of all foreign objects.
- Inspect inlet at beginning of each use.
- The motor housing is completely sealed and requires no service.
- Disassembly of the motor housing or alteration of the power cord could result in fatal electrical shock.

VOLUTE AND IMPELLER CLEANING

- Unplug pump
- Remove 6 black screws shown in (Figure 2)
- Remove volute and clean impeller and volute of all debris. Reposition cork gasket using alignment features taking care not to obstruct pump discharge openings.
- Reinstall volute using caution not to overtighten or strip screws or screw bosses.





TROUBLE SHOOTING

- Follow all safety precautions whenever diagnosing or servicing the tool. Disconnect power supply before service.

Use the table below to troubleshoot problems before contacting service personnel or your local dealer. If the problem continues after troubleshooting, call your local dealer for assistance.

Failure	Possible Cause	Corrective Action
Pump will not start or run	1. Blown fuse or breaker	1. Check pump housing or power cord for damage, before replacing fuse or resetting breaker. If in doubt can call an electrician.
	2. Low line voltage	2. Contact an electrician.
	3. Worn motor	3. Replace pump
	4. Impeller not rotating (Jammed)	4. If impeller will not turn, disconnect pump from power source and remove blockage. (see Volute and Impeller cleaning instructions)
	5. Thermal Protector open	5. a. Water temperature is too high, allow water to cool before pumping. b. Inlet clogged, remove debris. c. Motor seized, replace pump. d. Discharge clogged or hose kinked/ clogged. Clear blockage.
Pump starts but delivers little or no flow	1. Inlet clogged	1. Clean debris from exterior of volute and all debris filtering features.
	2. Low line voltage	2. Contact an electrician.
	3. Restriction in discharge hose	3. Unwind garden hose, remove ant kinks or restrictions in hose.
	4. Discharge lift too high	4. Water level to tend of garden hose is 25 ft. or greater, reduce vertical lift.
	5. Impeller Clogged	5. Disconnect pump from power source and remove blockage. (see Volute and Impeller cleaning instructions)

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Pumps & Garden

WH5000-D

DRAINAGE PUMP

FOR REMOVING WATER FROM
POOLS, POOL COVERS, PONDS
AND FLOODED AREAS.



DRAINS DOWN
TO 3MM WATER



ACTIVATES
IN 8MM WATER



20 SECOND
DRY RUN
AUTO OFF



AUTOMATIC
STOP SENSOR
(3MM)

5600
LITRES/HR

8M
MAX HEIGHT

300
WATTS

3M
CABLE

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CALL US FOR EXPERT ASSISTANCE